

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 15:36
 Operator : AR\AJ
 Sample : N2665-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-12,7MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:26:03 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	6768120	37671094	20.947	21.128
28)	SA Decachlor...	10.401	11.333	10560062	37079745	20.307m	20.993
Target Compounds							
2)	A alpha-BHC	5.341	6.052	24087428	145.9E6	57.397	57.941
3)	MA gamma-BHC...	5.764	6.442	23891136	136.4E6	56.965	57.619
4)	MA Heptachlor	6.174	7.101	25753089	145.8E6	57.171	55.891
5)	MB Aldrin	6.499	7.468	25050898	143.8E6	60.356	61.215
6)	B beta-BHC	6.145	6.679	11204653	59513797	54.837	52.806
7)	B delta-BHC	6.406	6.946	22060824	125.0E6	53.329	51.180
8)	B Heptachlo...	7.076	7.925	25036442	128.8E6	58.369	57.195
9)	A Endosulfan I	7.479	8.326	23760602	117.1E6	57.936	59.489
10)	B gamma-Chl...	7.354	8.193	25730135	130.9E6	58.666	58.686
11)	B alpha-Chl...	7.423	8.276	25897381	128.1E6	58.621	59.519
12)	B 4,4'-DDE	7.637	8.461	21756157	123.4E6	59.636	61.936
13)	MA Dieldrin	7.764	8.611	25374836	124.6E6	59.070m	62.145
14)	MA Endrin	8.057	8.846	23556733	104.1E6	57.988	61.440
15)	B Endosulfa...	8.367	9.070	24409625	101.6E6	59.224	58.480
16)	A 4,4'-DDD	8.223	8.989	18853656	92720018	58.384	60.263
17)	MA 4,4'-DDT	8.484	9.307	20379213	95879213	55.133	54.088
18)	B Endrin al...	8.555	9.202	19158980	79648002	59.214	61.665
19)	B Endosulfa...	8.787	9.440	23698783	94939020	55.498	57.044
20)	A Methoxychlor	9.079	9.787	12798894	48909795	51.553	50.850
21)	B Endrin ke...	9.304	9.928	28228951	102.6E6	57.781m	59.255
22)	Mirex	9.492	10.405	24400681	74833078	52.317	54.329

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

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 Operator : AR\AJ
 Sample : N2665-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

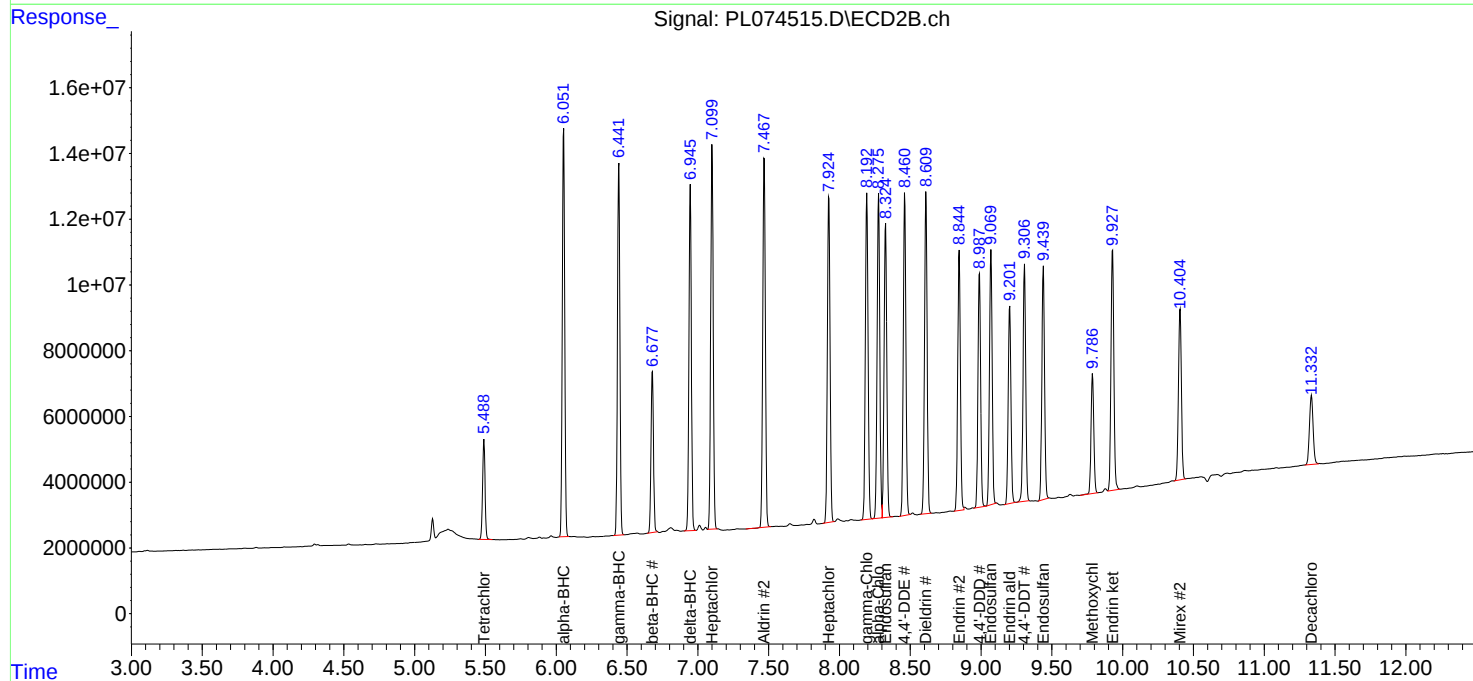
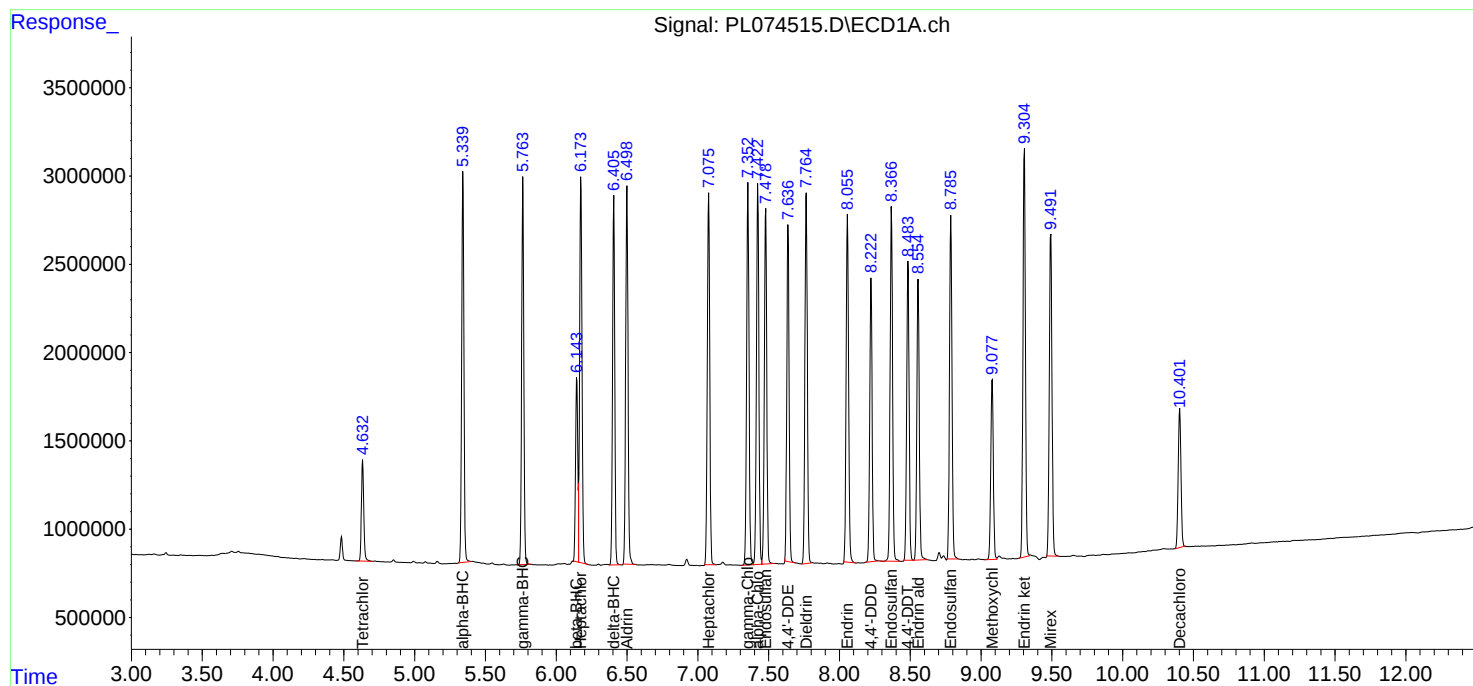
Instrument :
 ECD_L
 ClientSampleId :
 SB-12,7MSD

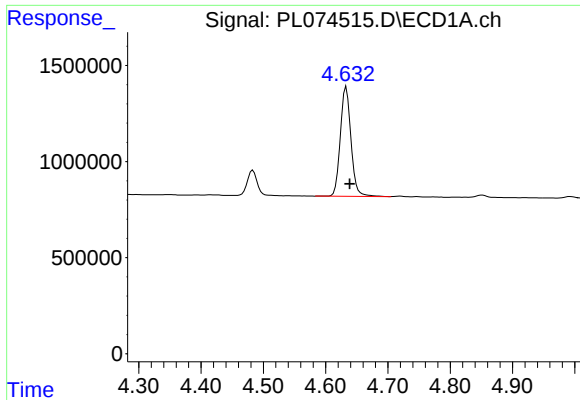
Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:26:03 2022
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Volume Inj. : 1 µl
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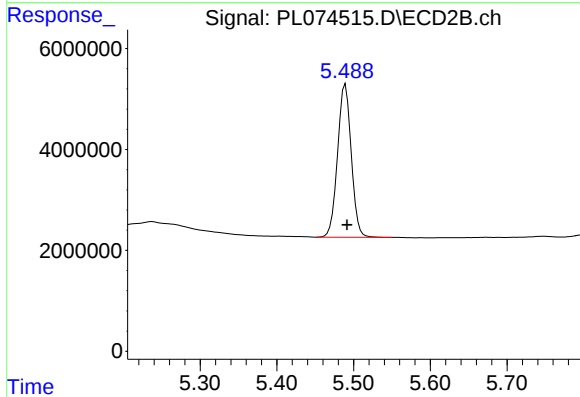
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6768120
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

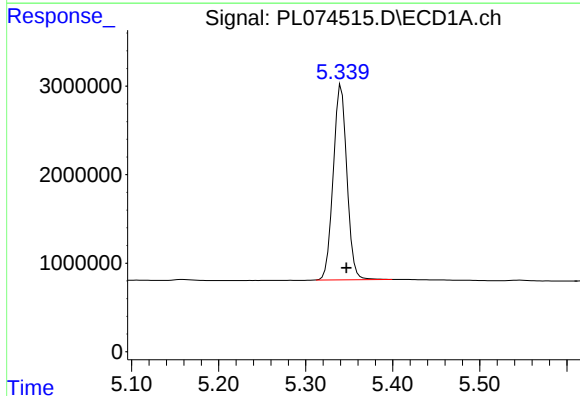
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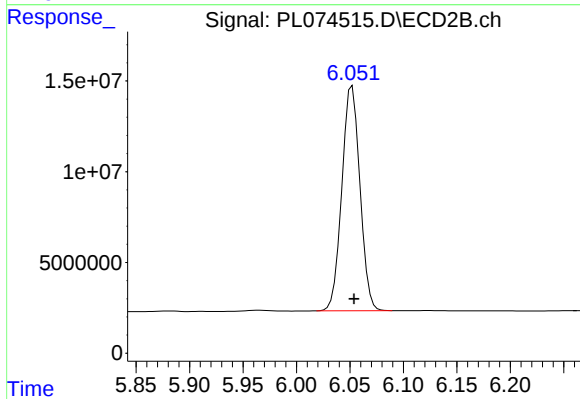
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 37671094
Conc: 21.13 ng/ml



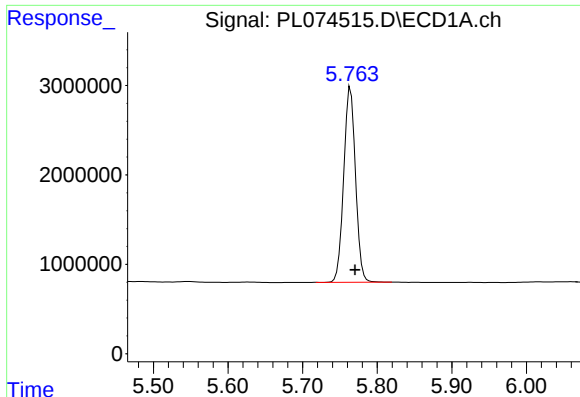
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 24087428
Conc: 57.40 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 145900507
Conc: 57.94 ng/ml



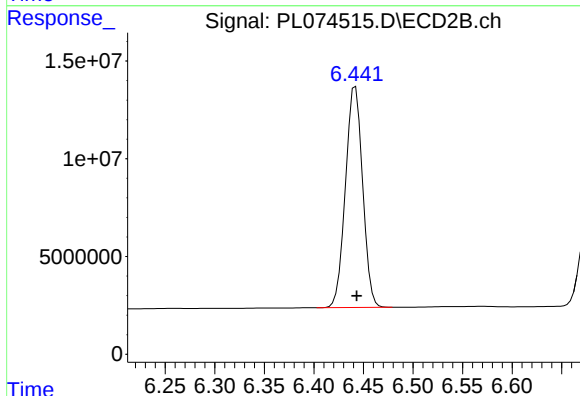
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 23891136
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

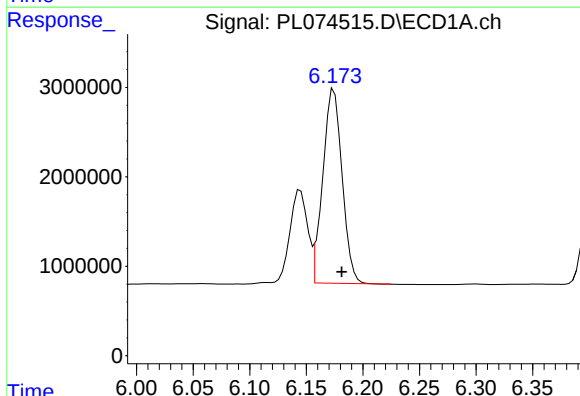
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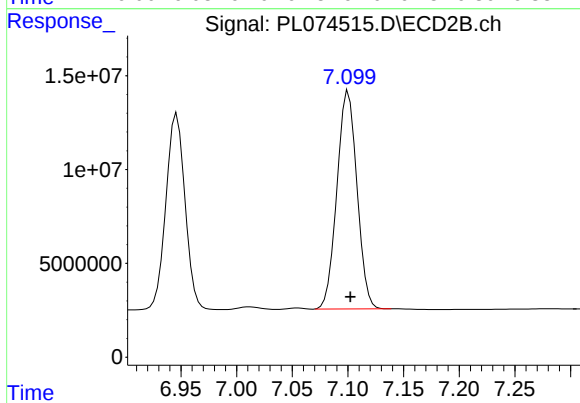
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 136391200
Conc: 57.62 ng/ml



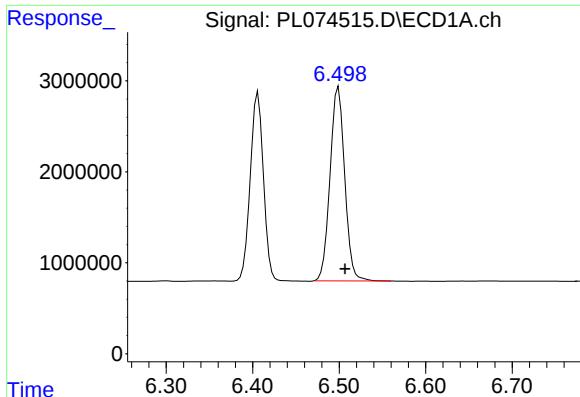
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 25753089
Conc: 57.17 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 145786592
Conc: 55.89 ng/ml



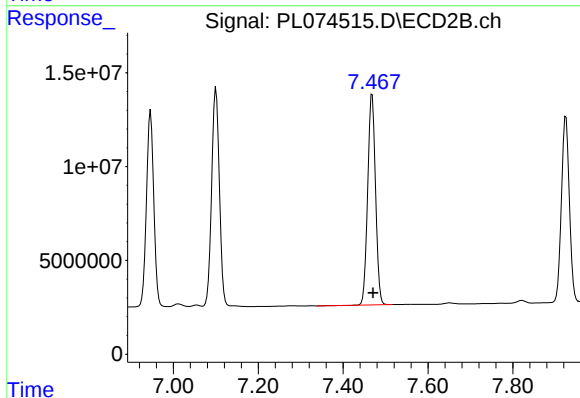
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 25050898
Conc: 60.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

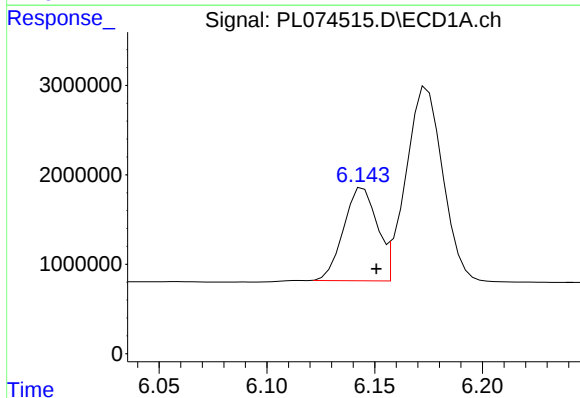
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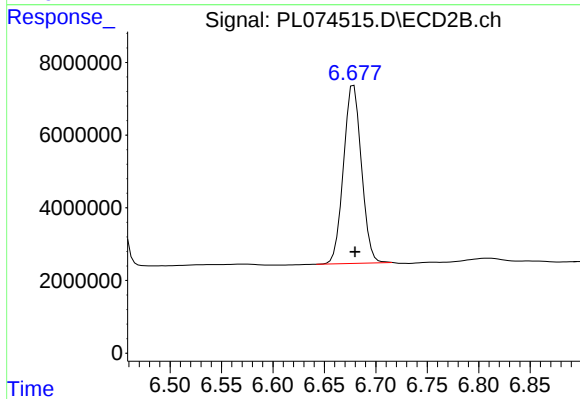
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 143770216
Conc: 61.22 ng/ml



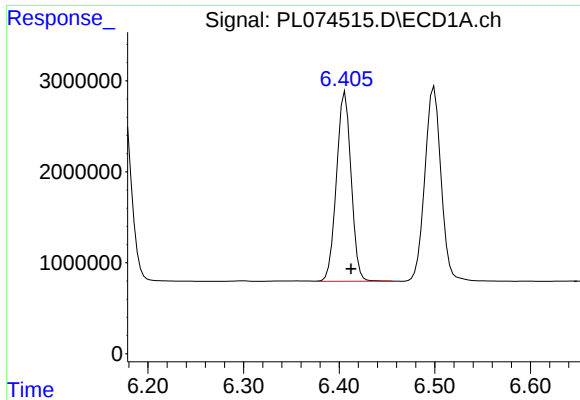
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 11204653
Conc: 54.84 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 59513797
Conc: 52.81 ng/ml



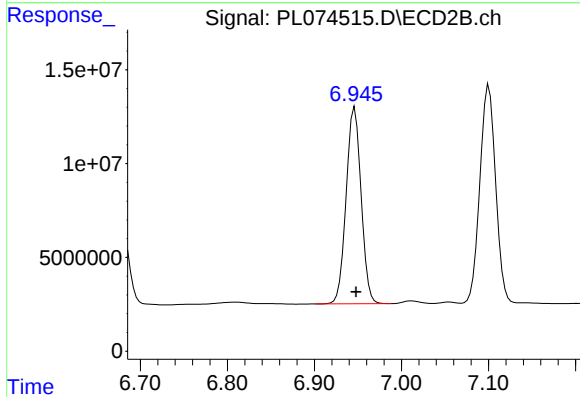
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 22060824
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

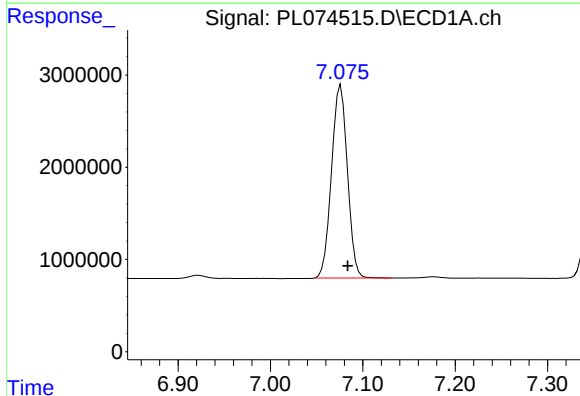
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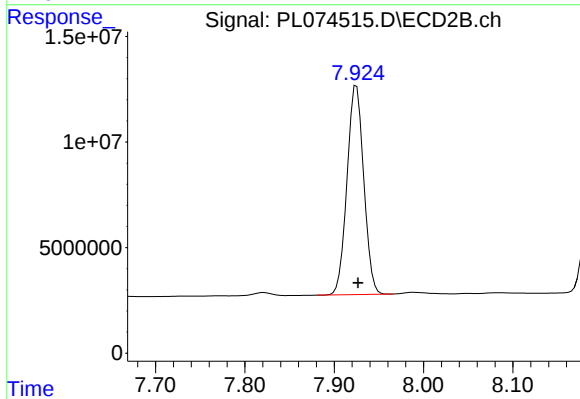
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 124995803
Conc: 51.18 ng/ml



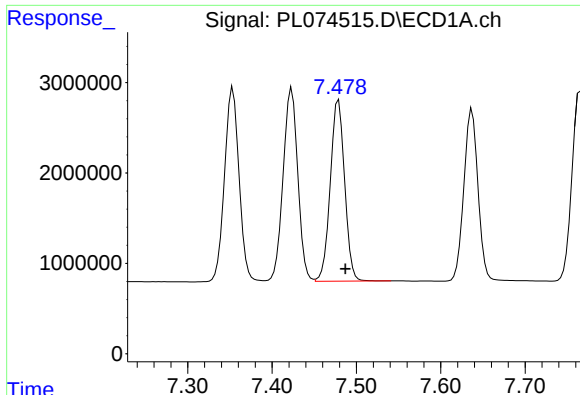
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 25036442
Conc: 58.37 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 128778910
Conc: 57.20 ng/ml



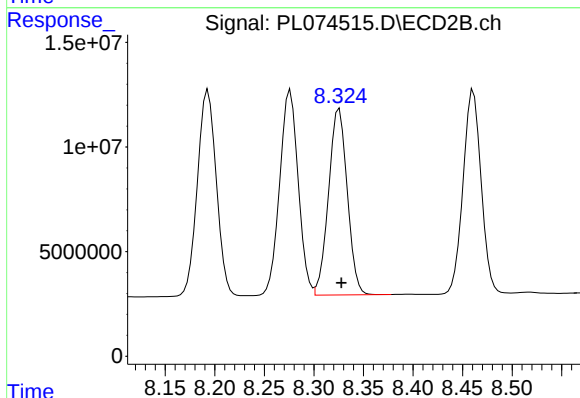
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.008 min
Response: 23760602
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

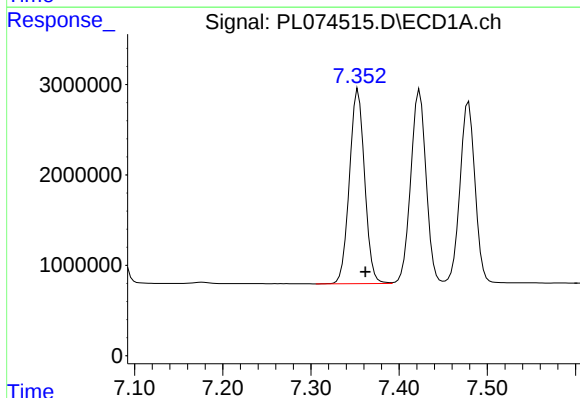
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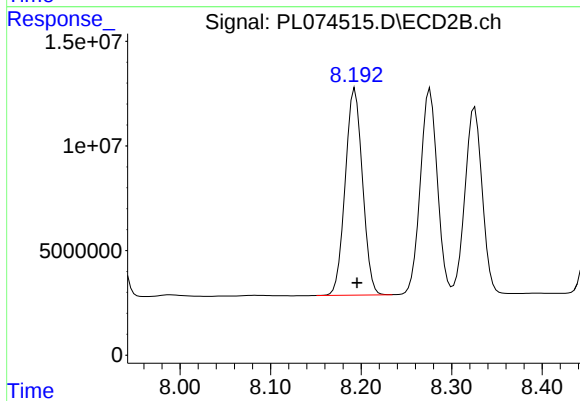
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 117114236
Conc: 59.49 ng/ml



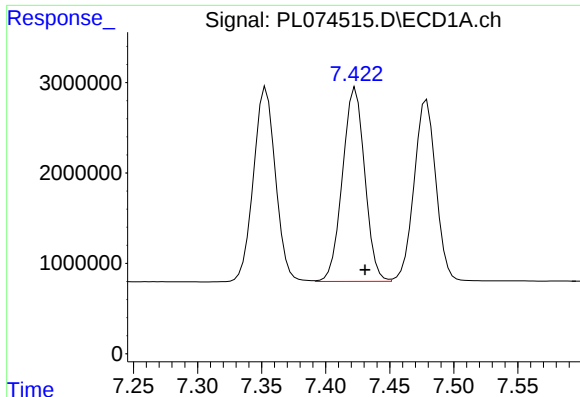
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 25730135
Conc: 58.67 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 130890360
Conc: 58.69 ng/ml



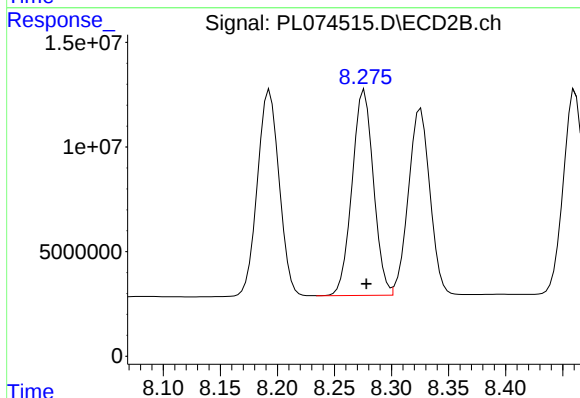
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.007 min
Response: 25897381
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

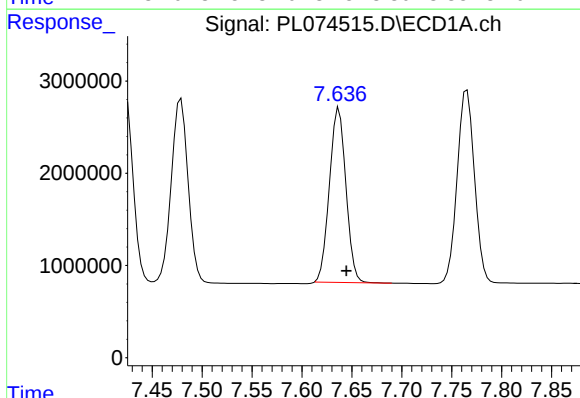
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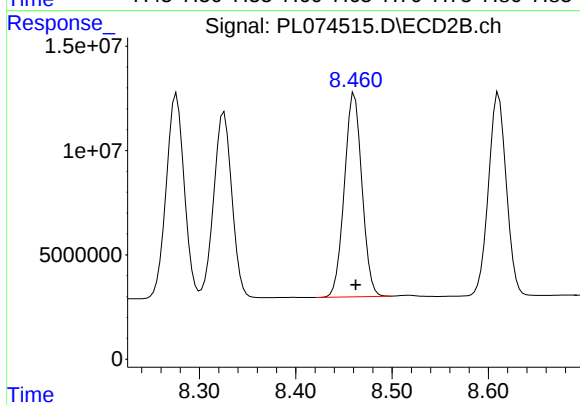
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 128120136
Conc: 59.52 ng/ml



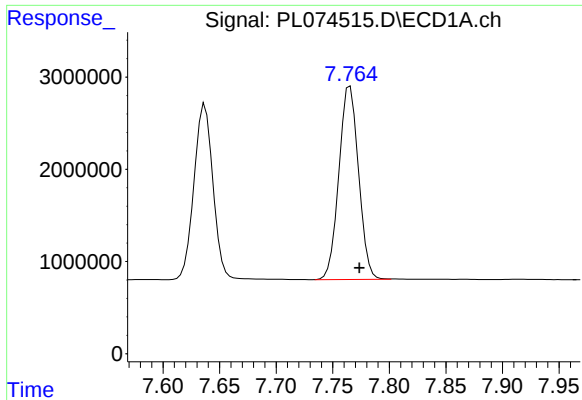
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 21756157
Conc: 59.64 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 123358081
Conc: 61.94 ng/ml



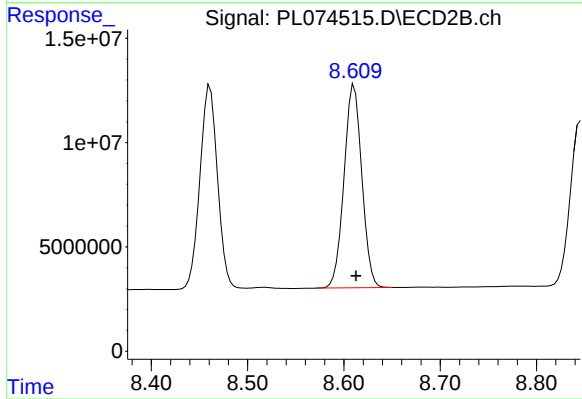
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 25374836
Conc: 59.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
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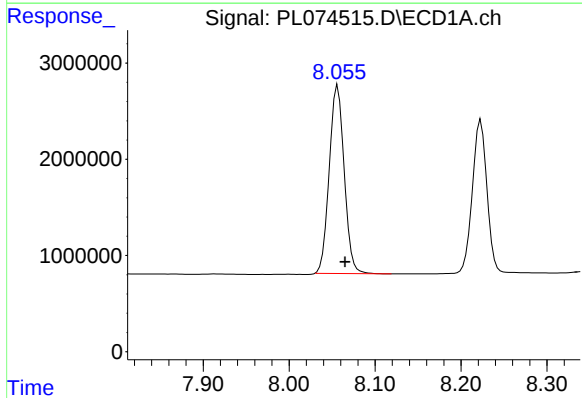
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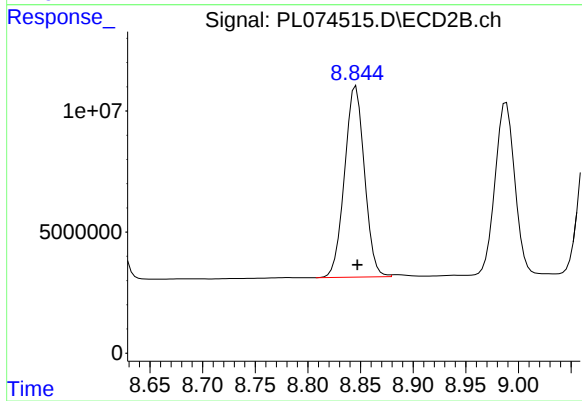
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 124618943
Conc: 62.15 ng/ml



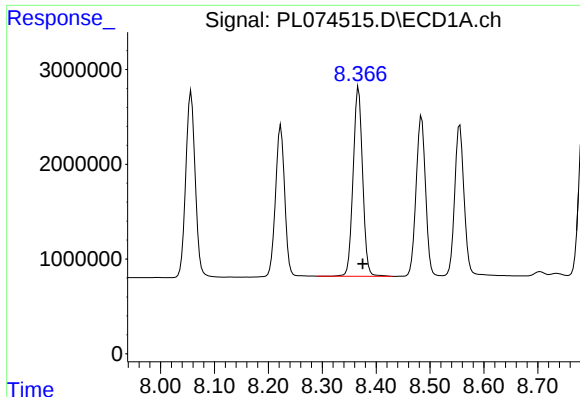
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 23556733
Conc: 57.99 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 104059336
Conc: 61.44 ng/ml



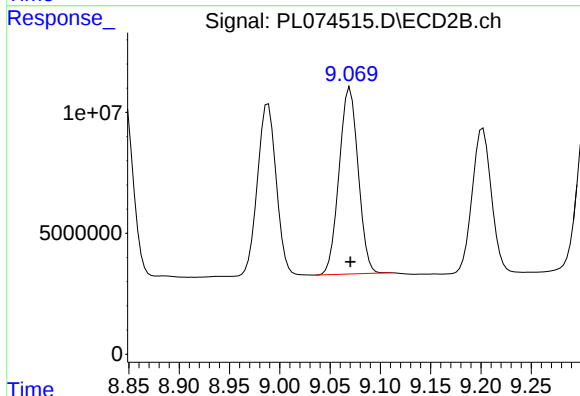
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 24409625
Conc: 59.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

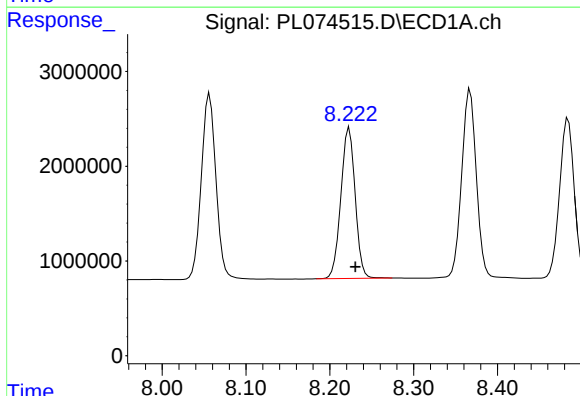
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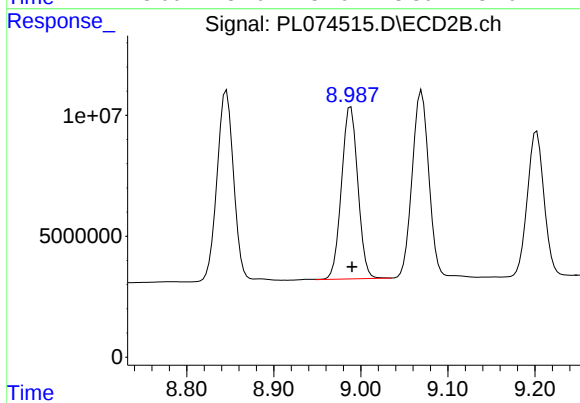
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 101592715
Conc: 58.48 ng/ml



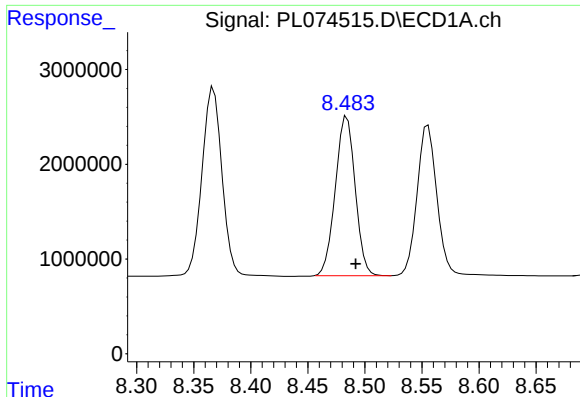
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 18853656
Conc: 58.38 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 92720018
Conc: 60.26 ng/ml



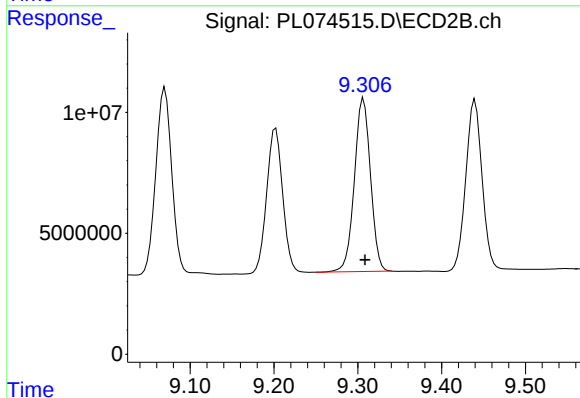
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 20379213
Conc: 55.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

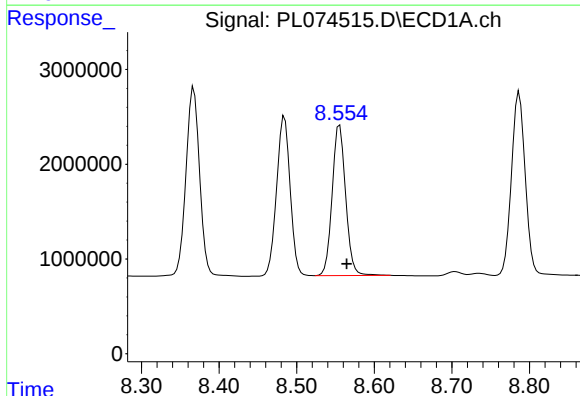
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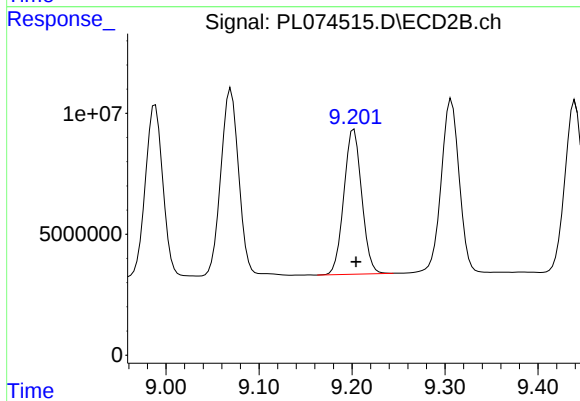
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 95879213
Conc: 54.09 ng/ml



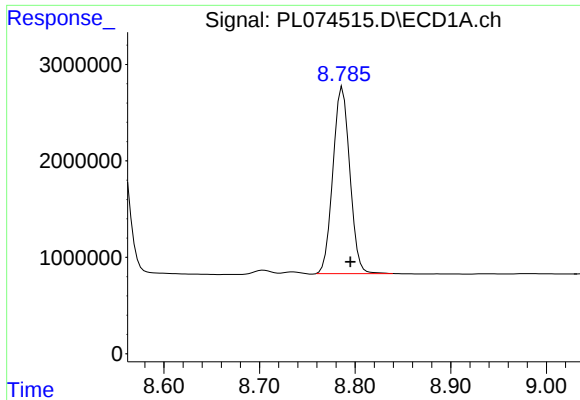
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 19158980
Conc: 59.21 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 79648002
Conc: 61.67 ng/ml



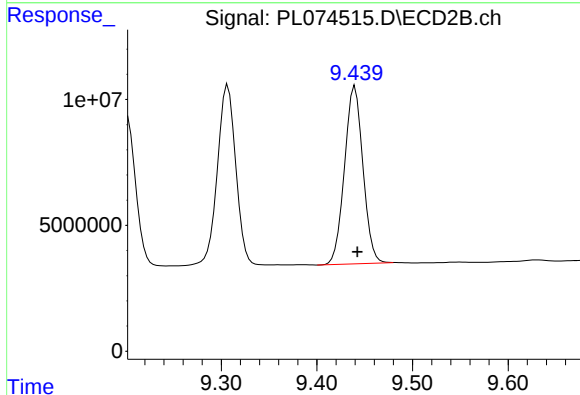
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 23698783
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

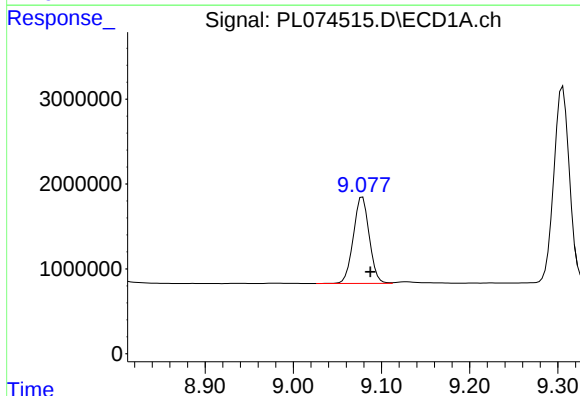
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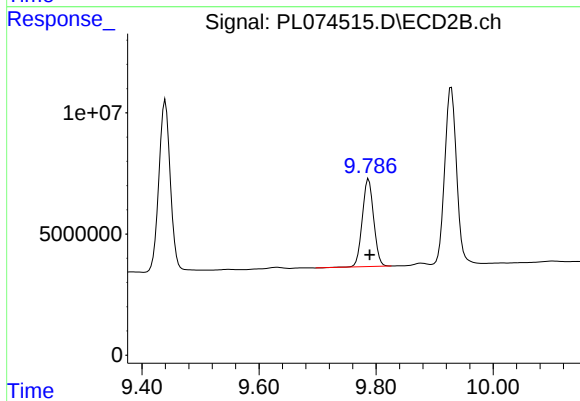
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 94939020
Conc: 57.04 ng/ml



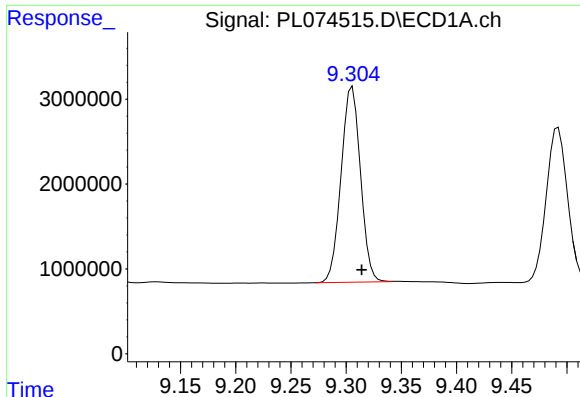
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 12798894
Conc: 51.55 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 48909795
Conc: 50.85 ng/ml



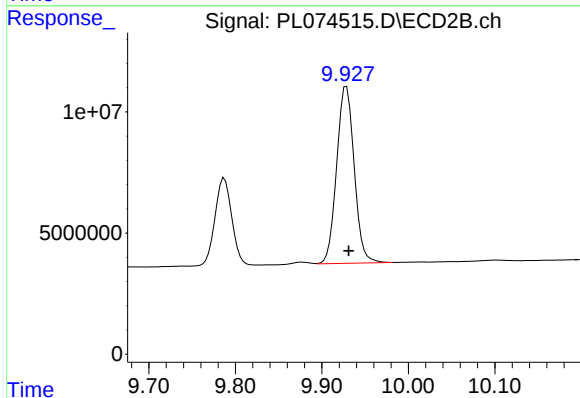
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 28228951
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

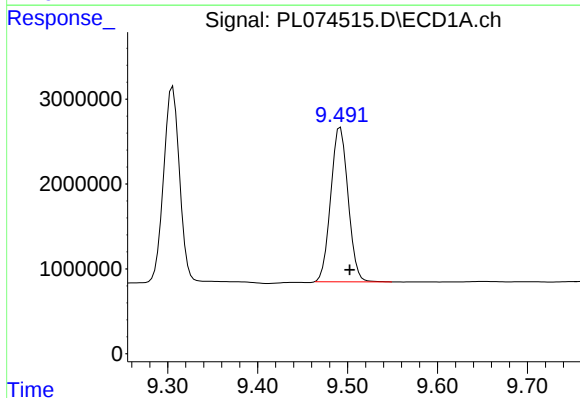
Manual Integrations
APPROVED

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



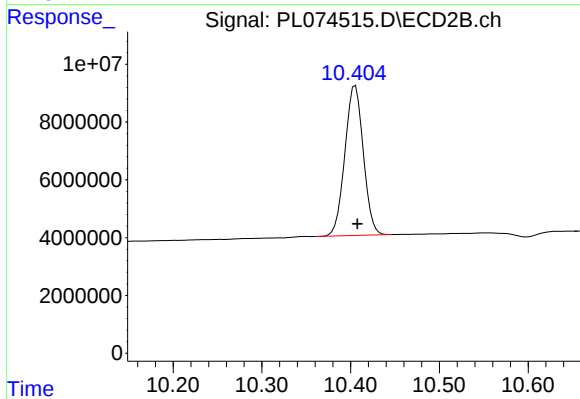
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 102566443
Conc: 59.25 ng/ml



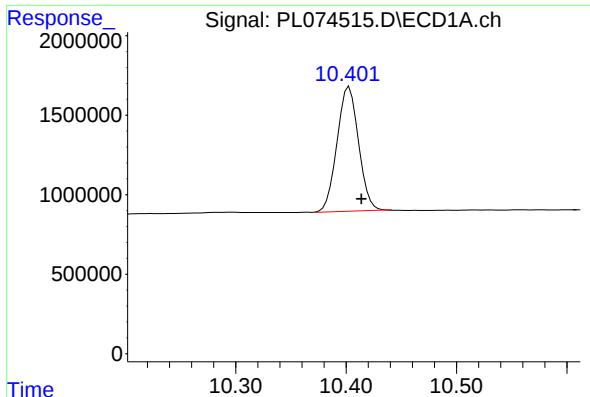
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 24400681
Conc: 52.32 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 74833078
Conc: 54.33 ng/ml



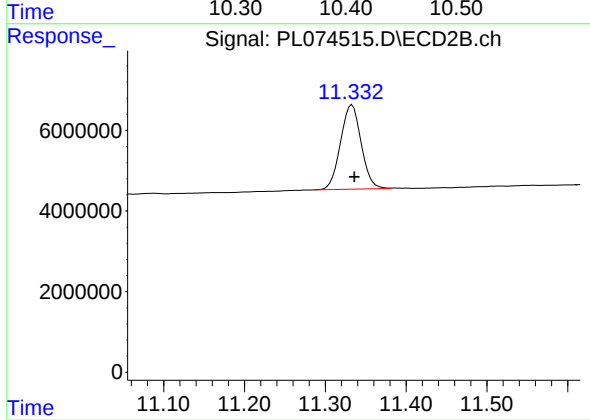
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.012 min
Response: 10560062
Conc: 20.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 37079745
Conc: 20.99 ng/ml