

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 15:22
 Operator : AR\AJ
 Sample : PB144085BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144085BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:06:59 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...	4.636	5.489	6428805	33922618	19.897	19.026
28)	SA Decachlor...	10.402	11.330	9892675	35977907	19.023m	20.369
Target Compounds							
2)	A alpha-BHC	5.343	6.052	20312219	127.8E6	48.401	50.754
3)	MA gamma-BHC...	5.766	6.441	20025908	119.4E6	47.749	50.449
4)	MA Heptachlor	6.176	7.100	20631950	121.1E6	45.802	46.421
5)	MB Aldrin	6.501	7.468	20328476	121.9E6	48.978	51.884
6)	B beta-BHC	6.146	6.678	9500639	52974451	46.497	47.004
7)	B delta-BHC	6.408	6.946	20127929	120.7E6	48.657	49.422
8)	B Heptachlo...	7.078	7.925	20534120	110.4E6	47.872	49.044
9)	A Endosulfan I	7.480	8.325	19565998	99268941	47.708	50.425
10)	B gamma-Chl...	7.355	8.193	21060209	110.4E6	48.018	49.480
11)	B alpha-Chl...	7.425	8.275	21162760	108.0E6	47.904	50.186
12)	B 4,4'-DDE	7.637	8.460	17781989	104.5E6	48.742m	52.461
13)	MA Dieldrin	7.765	8.610	20672261	104.2E6	48.123m	51.949
14)	MA Endrin	8.056	8.844	19547380	87054726	48.119m	51.400
15)	B Endosulfa...	8.368	9.068	20276642	87939544	49.196	50.621
16)	A 4,4'-DDD	8.224	8.987	15672998	79145542	48.534	51.440
17)	MA 4,4'-DDT	8.484	9.306	16366003	78092733	44.276	44.054
18)	B Endrin al...	8.557	9.200	16895657	71193270	52.219	55.119m
19)	B Endosulfa...	8.788	9.439	20545739	82339334	48.114	49.473
20)	A Methoxychlor	9.080	9.784	10659104	40045600	42.934	41.634m
21)	B Endrin ke...	9.304	9.927	24660620	86014317	50.477m	49.692
22)	Mirex	9.492	10.404	22211335	66238805	47.623m	48.090

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

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 Acq On : 22 Apr 2022 15:22
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Manual Integrations

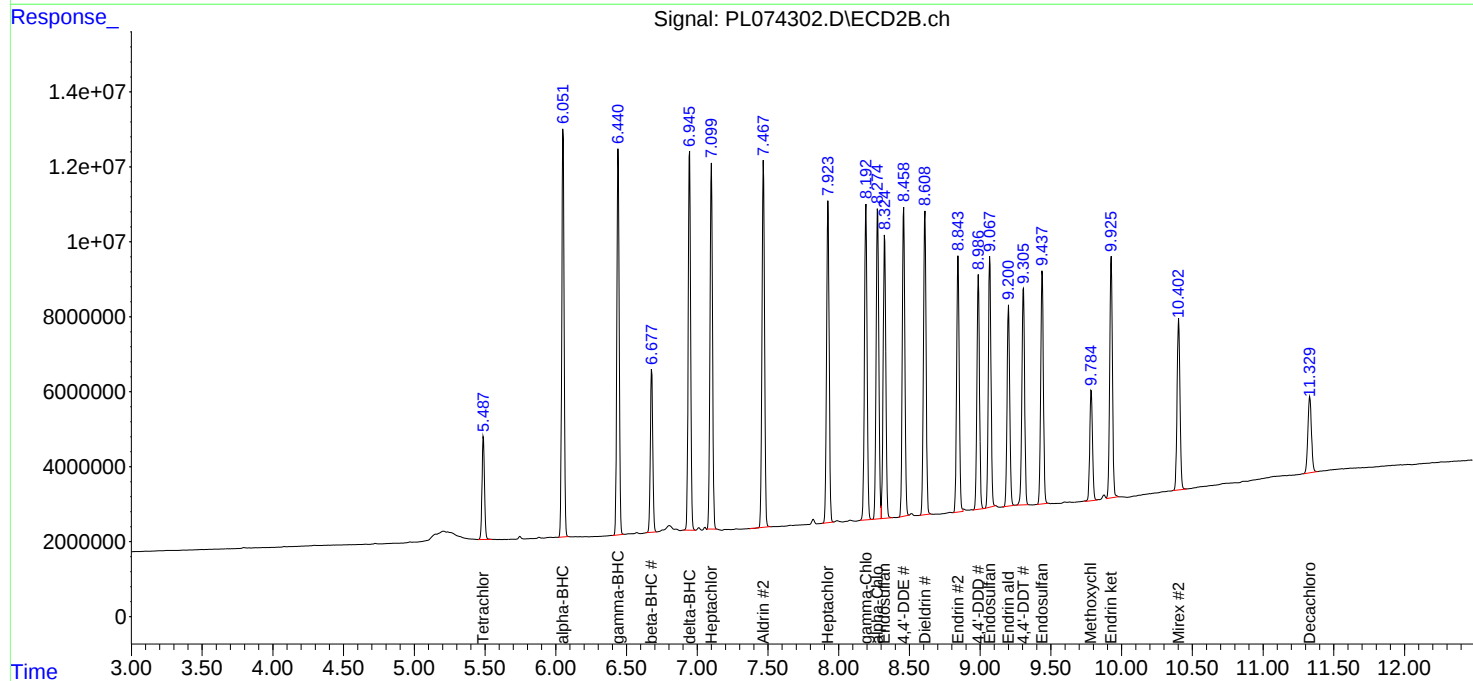
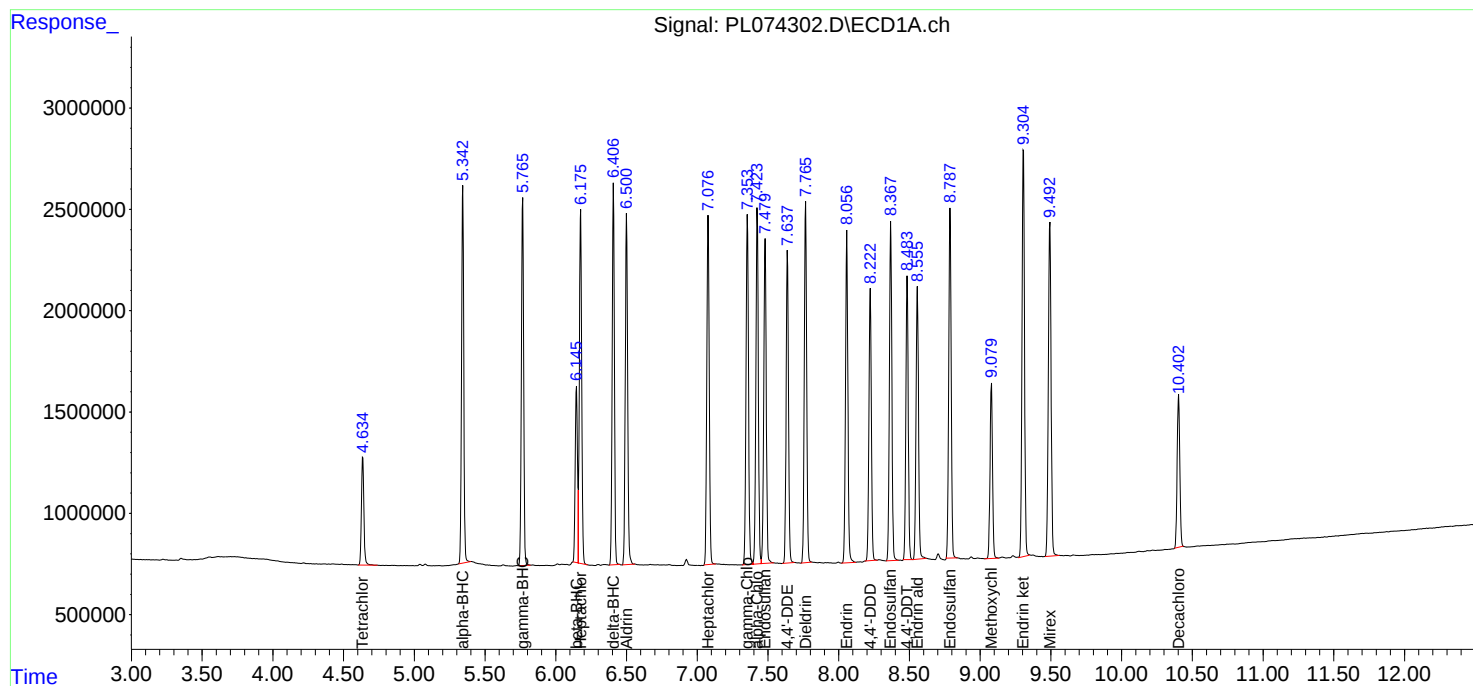
APPROVED

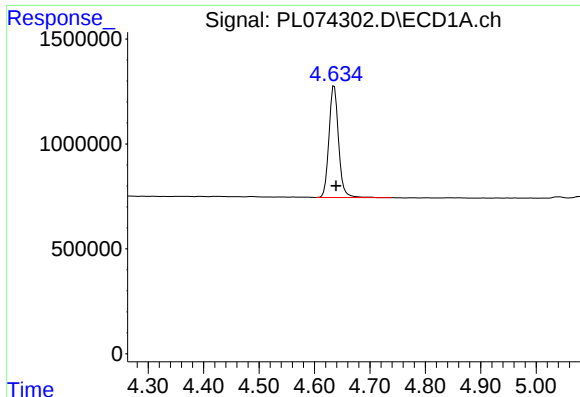
Reviewed By :Abdul Mirza 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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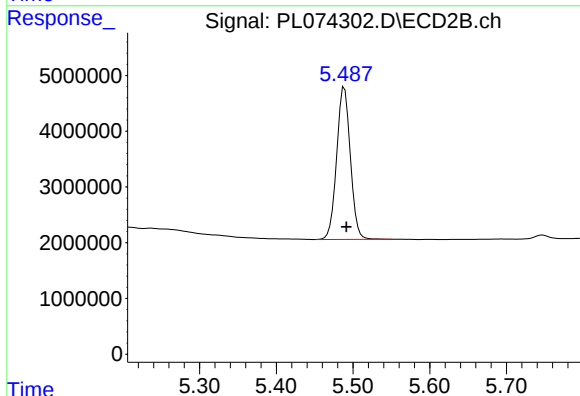
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 6428805
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

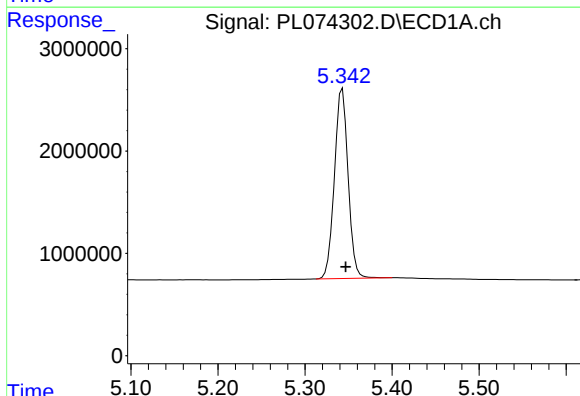
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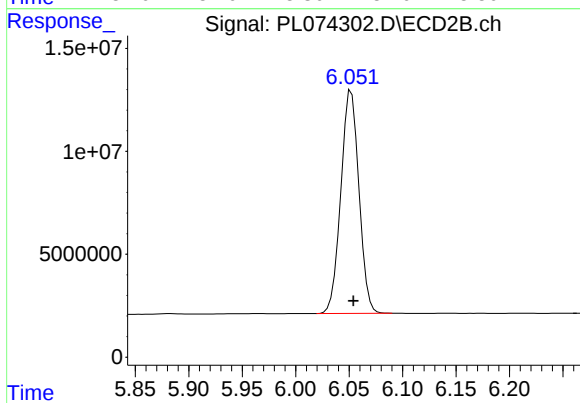
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 33922618
Conc: 19.03 ng/ml



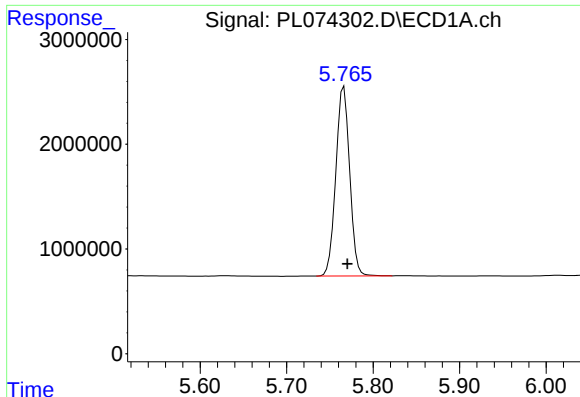
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 20312219
Conc: 48.40 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 127804050
Conc: 50.75 ng/ml



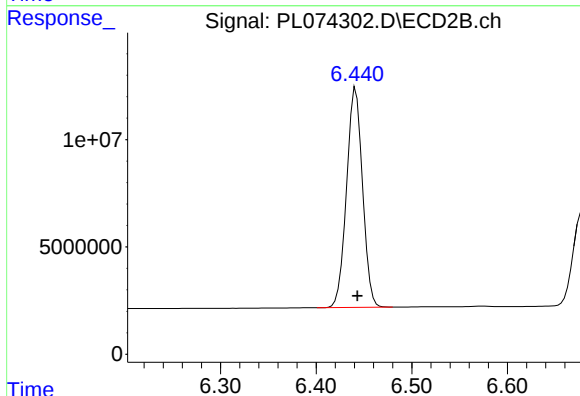
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 20025908
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

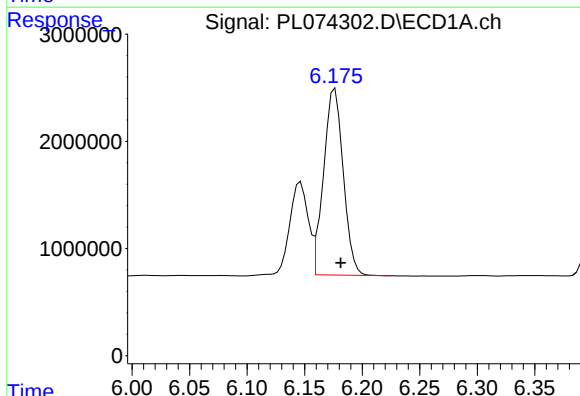
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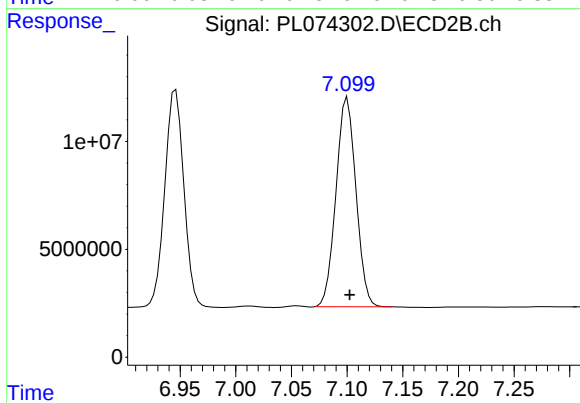
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 119419613
Conc: 50.45 ng/ml



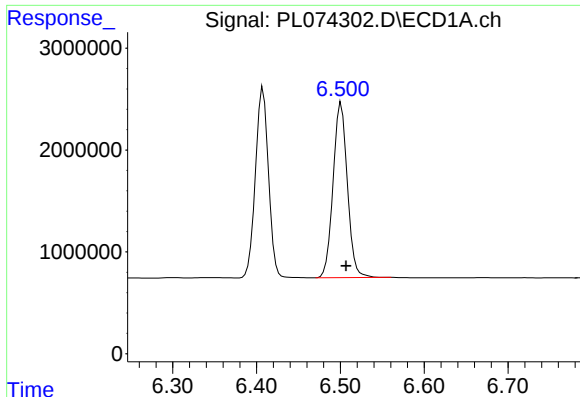
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 20631950
Conc: 45.80 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 121084940
Conc: 46.42 ng/ml



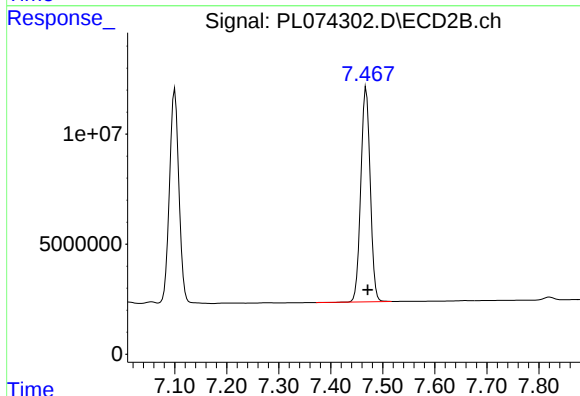
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 20328476
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

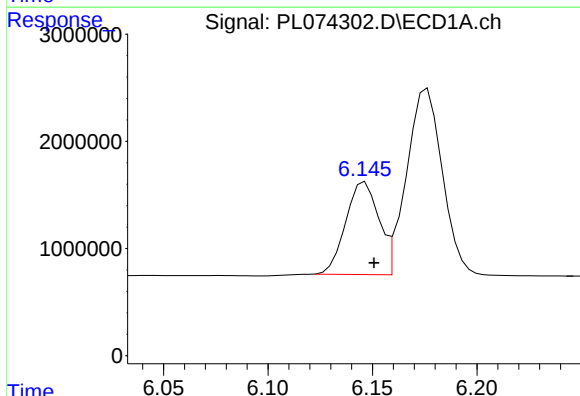
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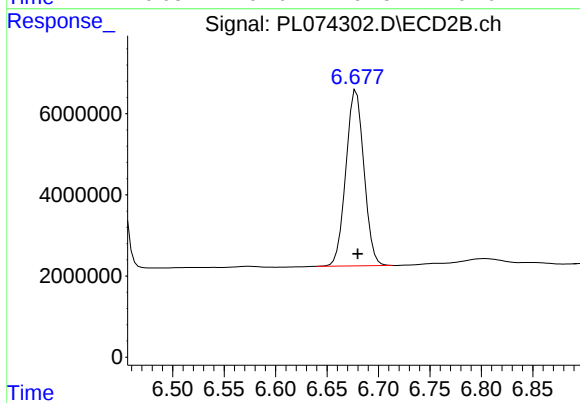
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 121853686
Conc: 51.88 ng/ml



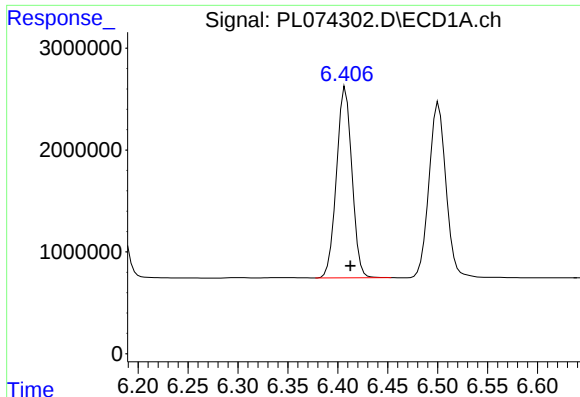
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 9500639
Conc: 46.50 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 52974451
Conc: 47.00 ng/ml



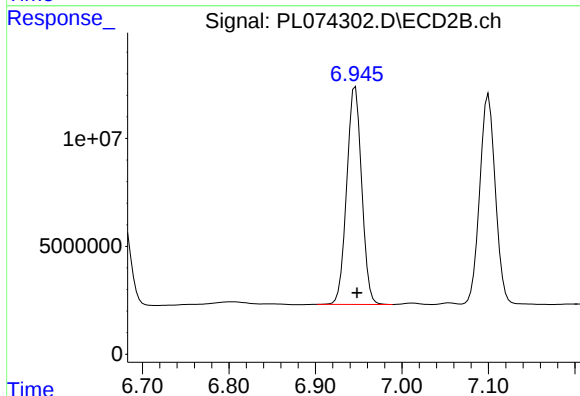
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 20127929
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

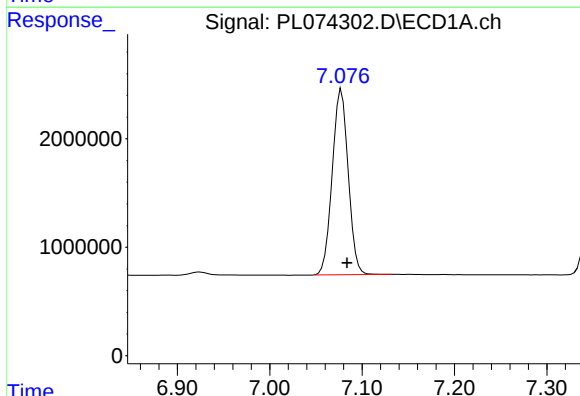
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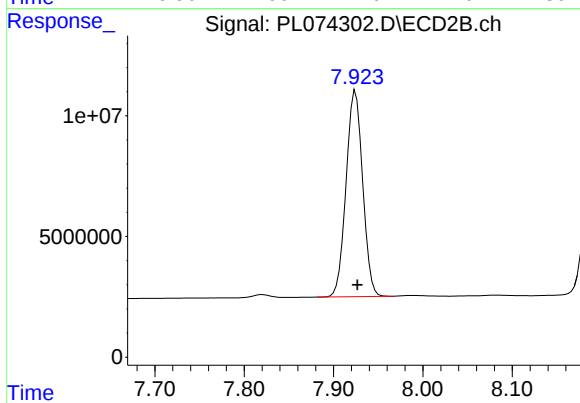
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 120702192
Conc: 49.42 ng/ml



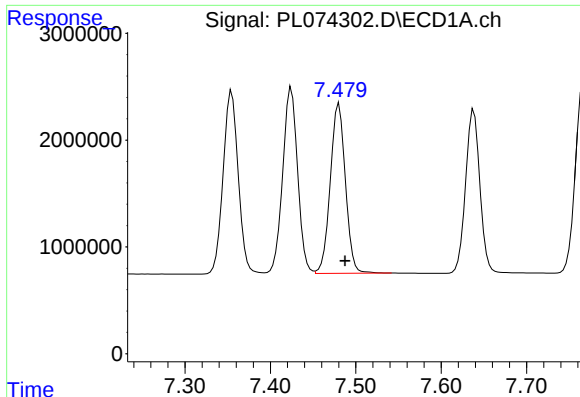
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 20534120
Conc: 47.87 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 110425522
Conc: 49.04 ng/ml



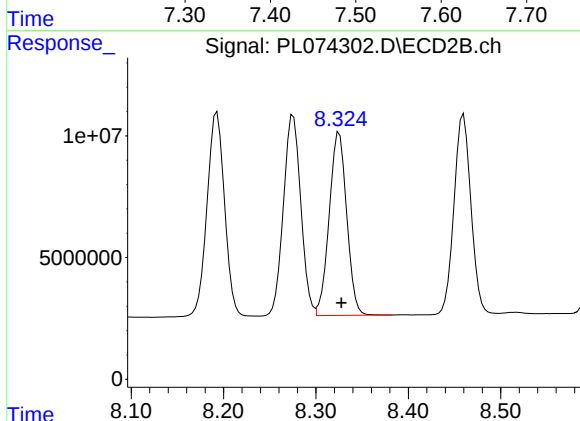
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 19565998
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

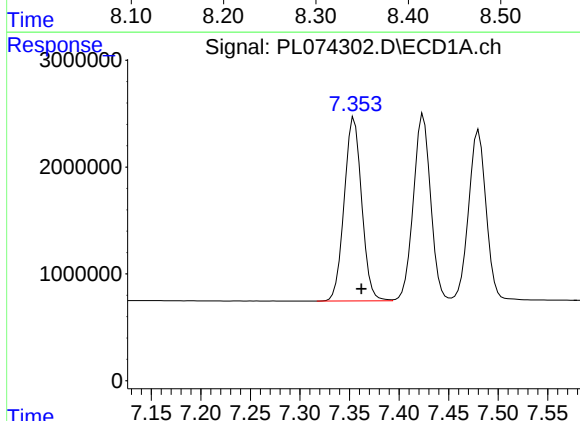
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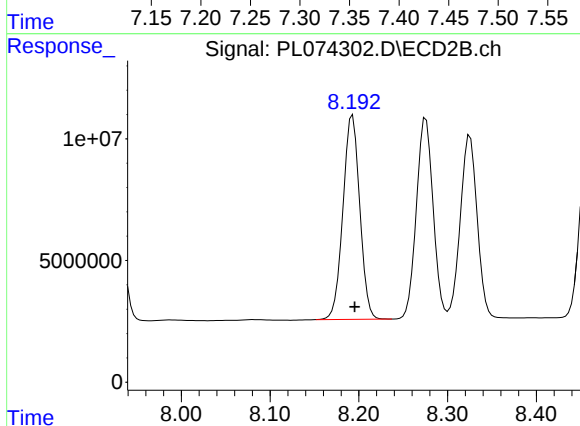
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 99268941
Conc: 50.42 ng/ml



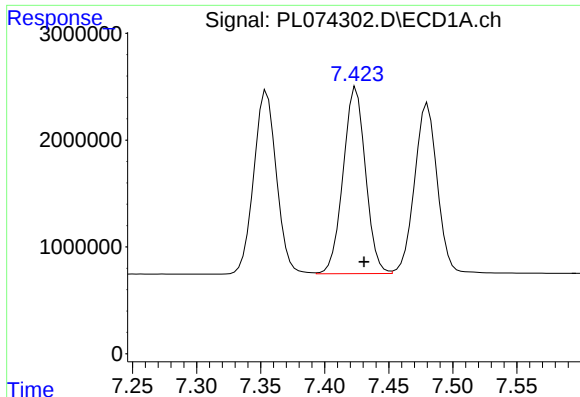
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21060209
Conc: 48.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 110358263
Conc: 49.48 ng/ml



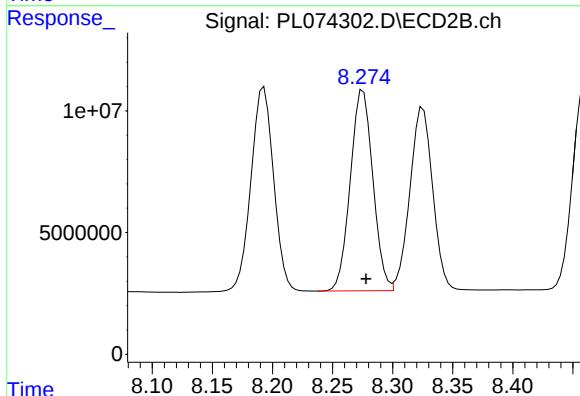
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 21162760
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

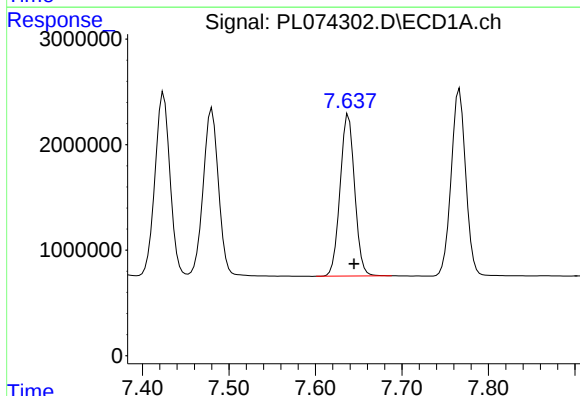
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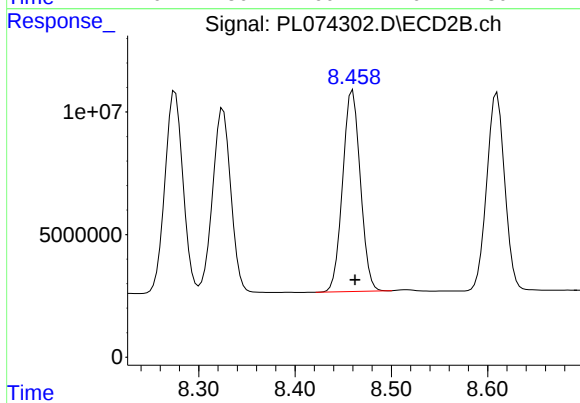
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 108028839
Conc: 50.19 ng/ml



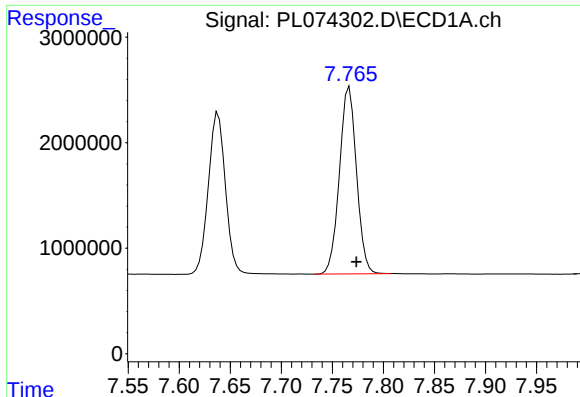
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 17781989
Conc: 48.74 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 104487183
Conc: 52.46 ng/ml



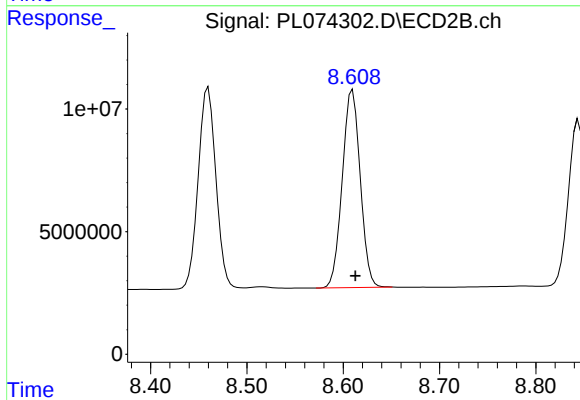
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 20672261
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

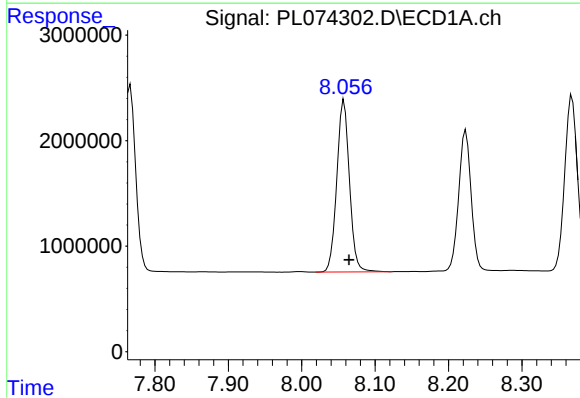
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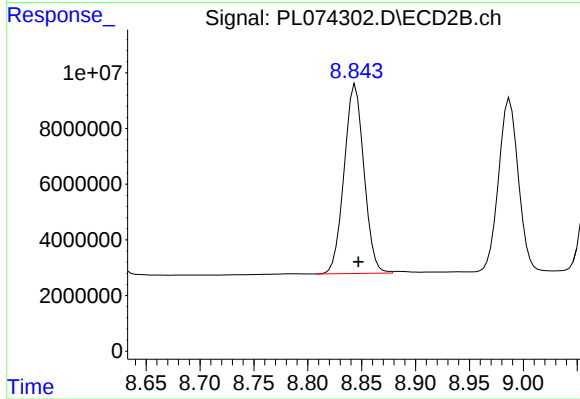
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 104171883
Conc: 51.95 ng/ml



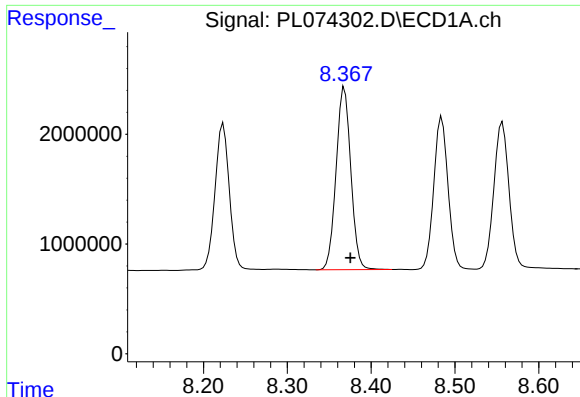
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 19547380
Conc: 48.12 ng/ml m



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 87054726
Conc: 51.40 ng/ml



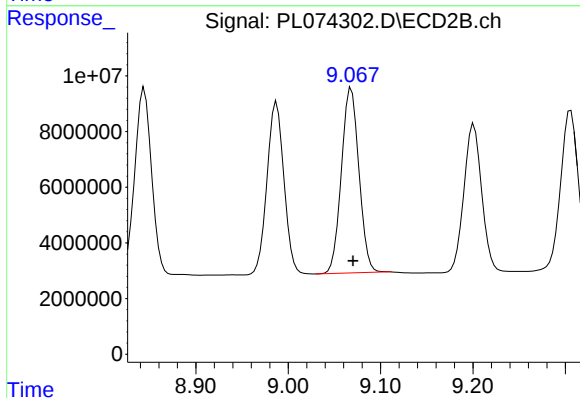
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 20276642
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

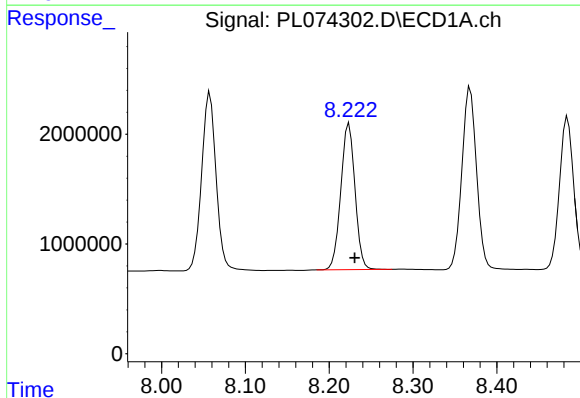
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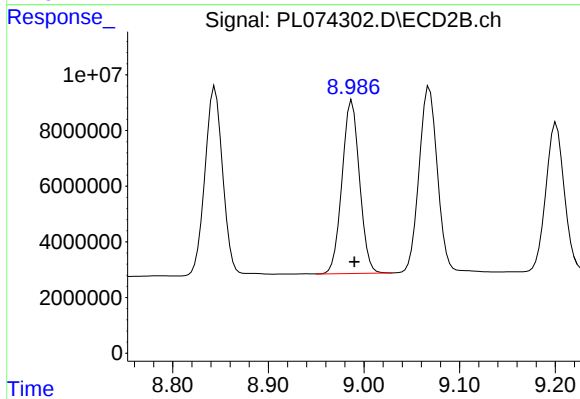
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 87939544
Conc: 50.62 ng/ml



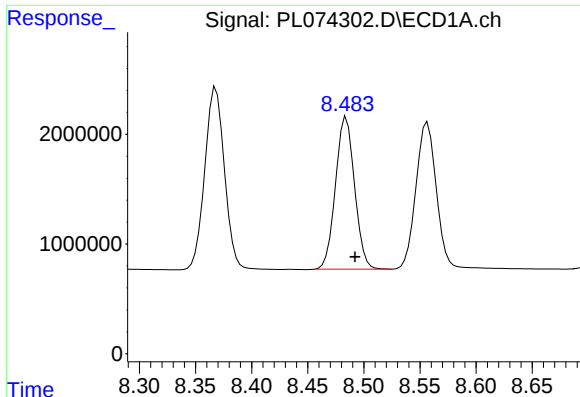
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 15672998
Conc: 48.53 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 79145542
Conc: 51.44 ng/ml



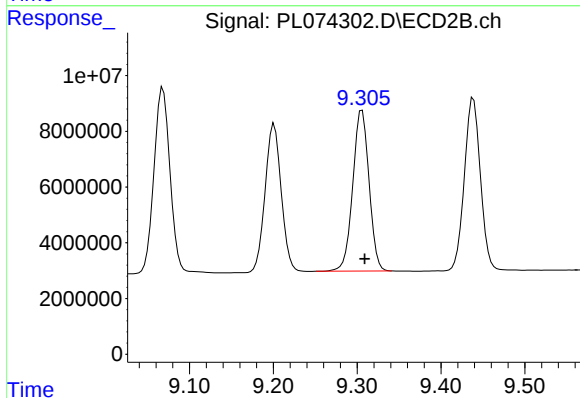
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 16366003
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

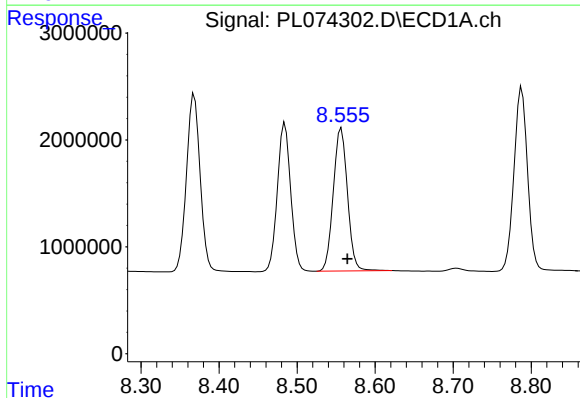
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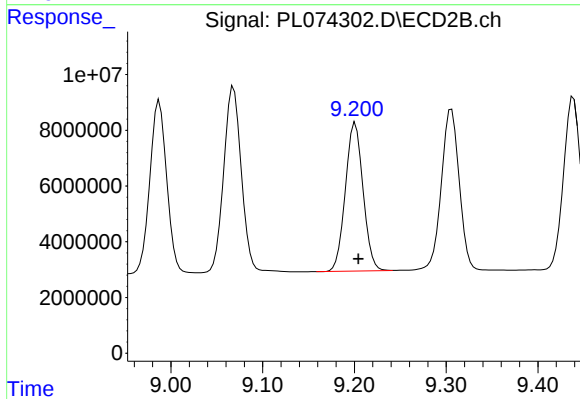
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 78092733
Conc: 44.05 ng/ml



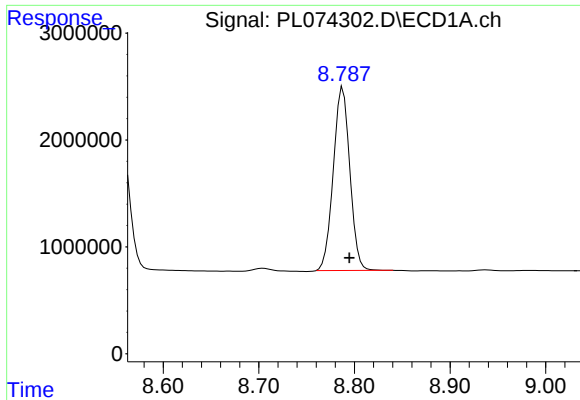
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 16895657
Conc: 52.22 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.005 min
Response: 71193270
Conc: 55.12 ng/ml m



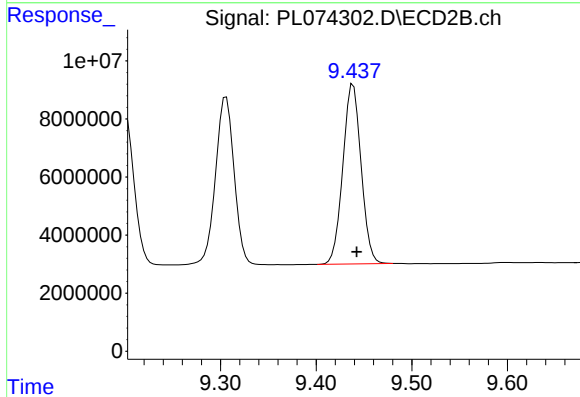
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 20545739
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

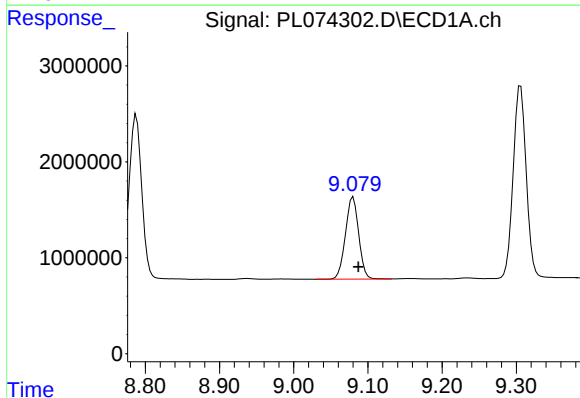
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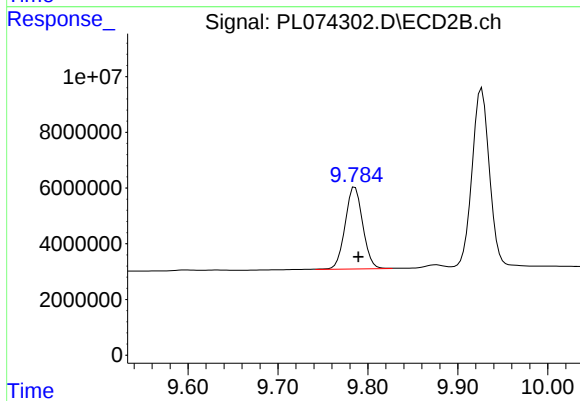
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 82339334
Conc: 49.47 ng/ml



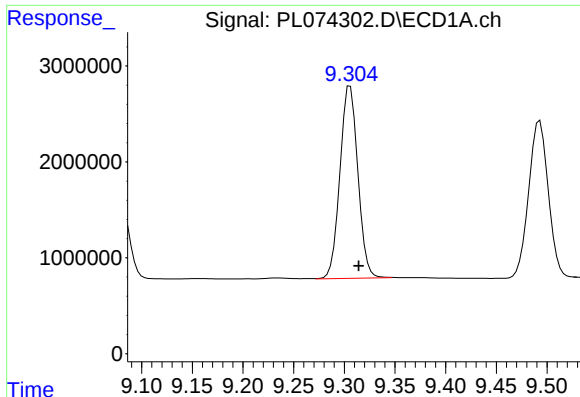
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 10659104
Conc: 42.93 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.005 min
Response: 40045600
Conc: 41.63 ng/ml m



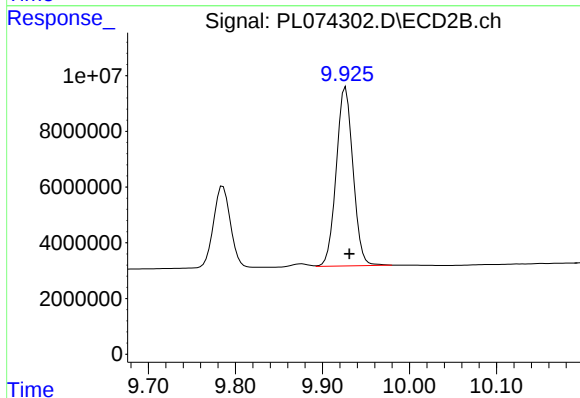
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 24660620
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

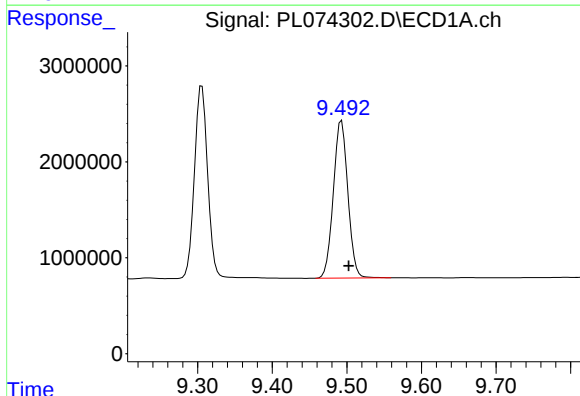
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



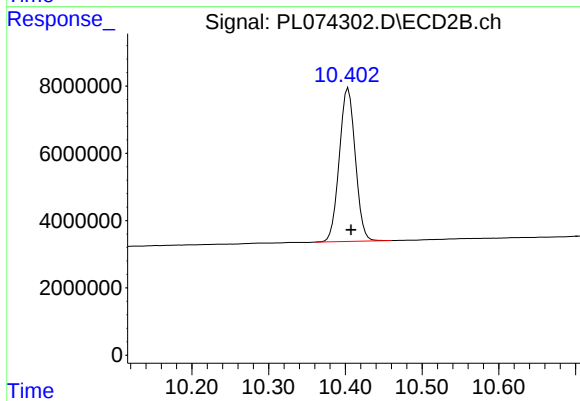
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 86014317
Conc: 49.69 ng/ml



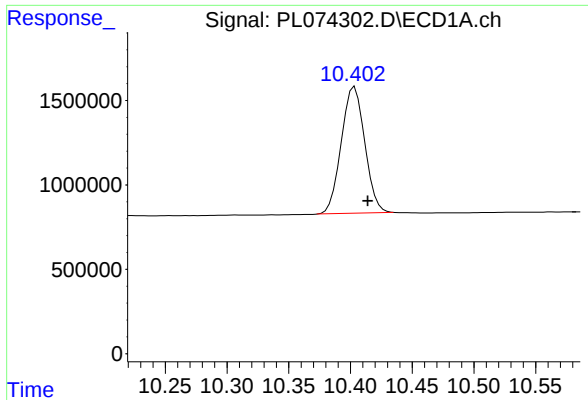
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.011 min
Response: 22211335
Conc: 47.62 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 66238805
Conc: 48.09 ng/ml



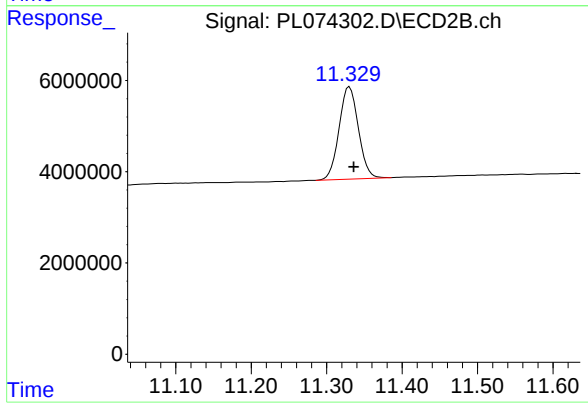
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 9892675
Conc: 19.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144085BS

Manual Integrations
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Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 35977907
Conc: 20.37 ng/ml