

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 04:36
 Operator : AR\AJ
 Sample : N2479-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 N2479-04MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:16:48 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...	4.635	5.488	16891490	90991267	52.278	51.034
28)	SA Decachlor...	10.404	11.329	24242830	91678237	46.618m	51.904
Target Compounds							
2)	A alpha-BHC	5.343	6.052	22378030	133.6E6	53.324	53.056
3)	MA gamma-BHC...	5.766	6.441	22101872	125.3E6	52.699	52.938
4)	MA Heptachlor	6.177	7.100	23905784	135.8E6	53.070	52.051
5)	MB Aldrin	6.502	7.467	21719138	125.6E6	52.329	53.499
6)	B beta-BHC	6.147	6.677	10888459	57116999	53.289	50.680
7)	B delta-BHC	6.408	6.945	22118620	125.3E6	53.469	51.288
8)	B Heptachlo...	7.079	7.924	22406932	116.4E6	52.238	51.715
9)	A Endosulfan I	7.481	8.324	21478651	104.3E6	52.371	52.975
10)	B gamma-Chl...	7.356	8.192	22786546	116.0E6	51.954	52.001
11)	B alpha-Chl...	7.425	8.274	23036604	113.5E6	52.146	52.729
12)	B 4,4'-DDE	7.639	8.459	19191563	106.4E6	52.606	53.414
13)	MA Dieldrin	7.768	8.609	21485918	105.3E6	50.017	52.505
14)	MA Endrin	8.058	8.844	20323621	90987457	50.029	53.722
15)	B Endosulfa...	8.369	9.067	20040851	84639374	48.624	48.721
16)	A 4,4'-DDD	8.224	8.986	16961130	88342383	52.523	57.417
17)	MA 4,4'-DDT	8.486	9.305	18954844	87987805	51.279	49.636
18)	B Endrin al...	8.558	9.200	16092262	65804883	49.736	50.947
19)	B Endosulfa...	8.788	9.437	21398623	83025649	50.111	49.886
20)	A Methoxychlor	9.081	9.785	11689042	44151618	47.082	45.903
21)	B Endrin ke...	9.307	9.926	24636145	88450233	50.427	51.099
22)	Mirex	9.494	10.402	23016104	68887103	49.348	50.012

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074242.D
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 Acq On : 21 Apr 2022 04:36
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 Sample : N2479-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

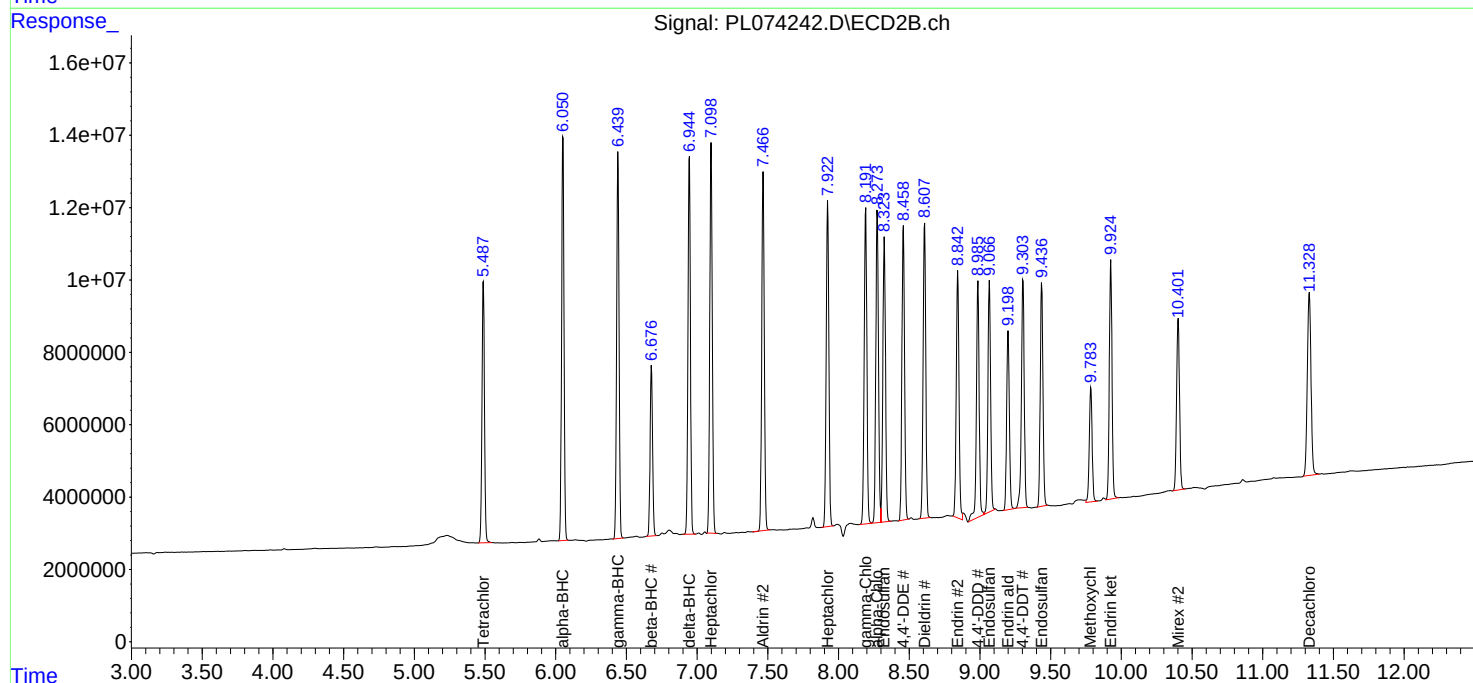
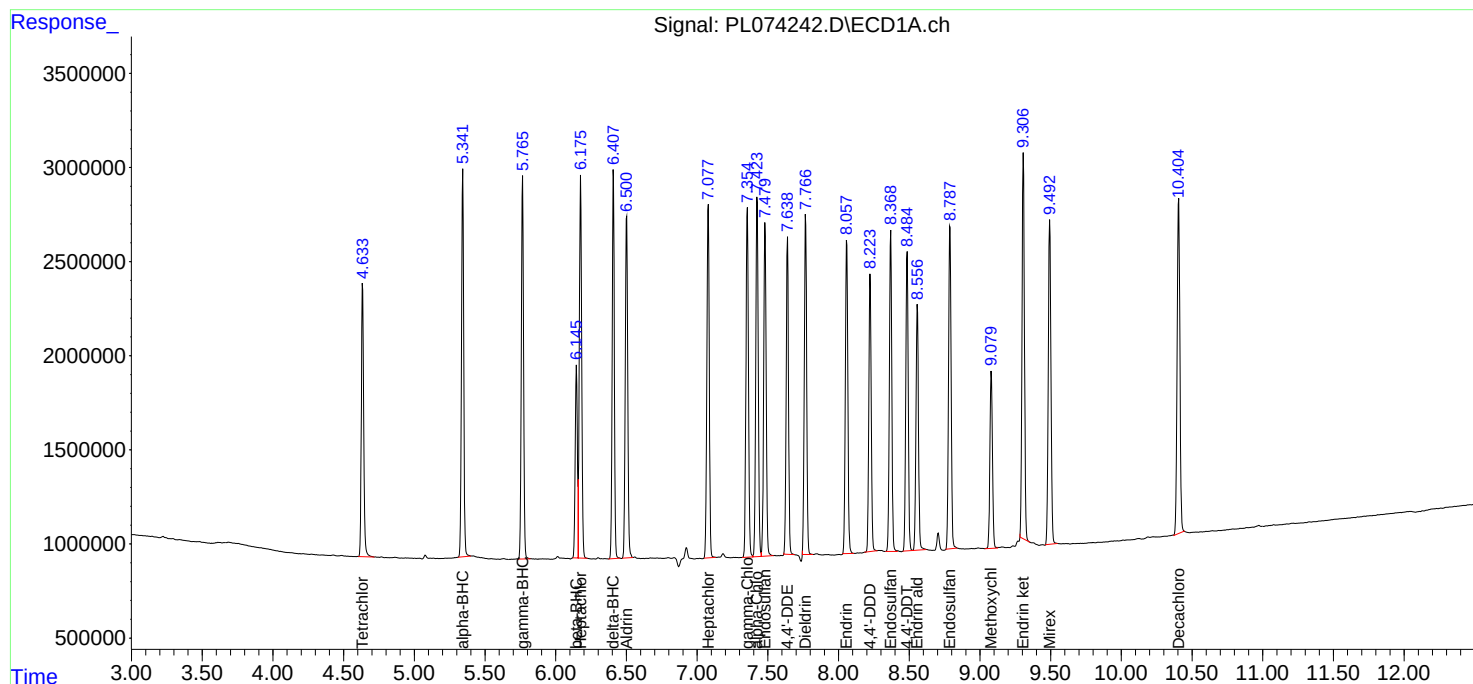
Instrument :
 ECD_L
 ClientSampleId :
 N2479-04MS

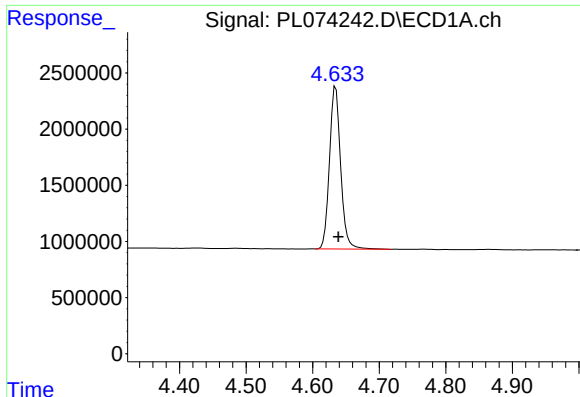
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:16:48 2022
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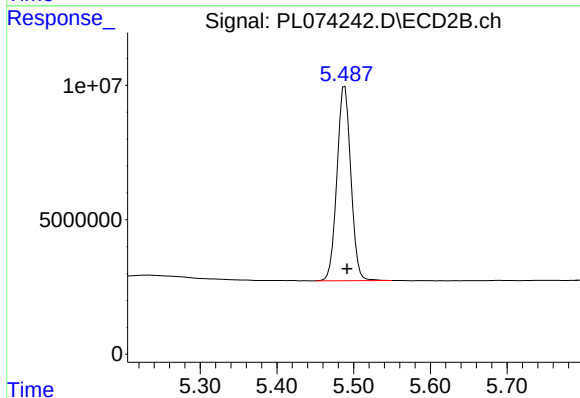
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 16891490
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

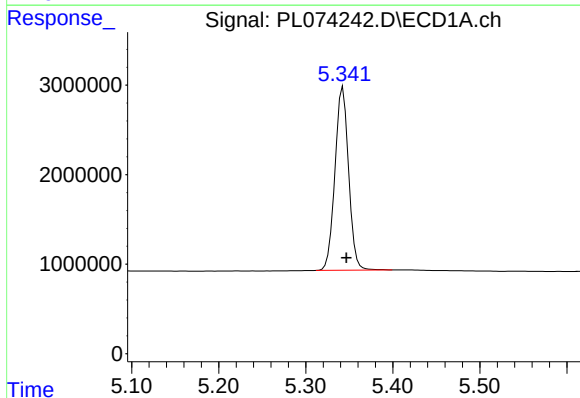
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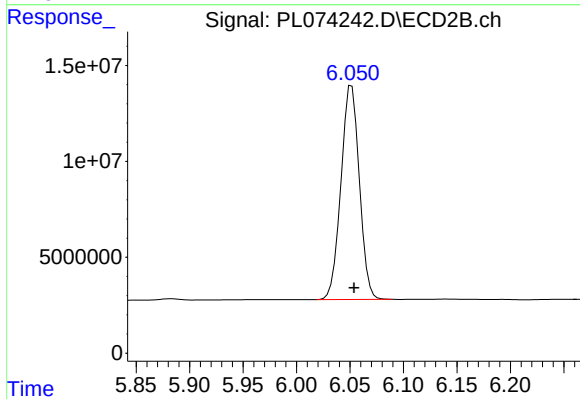
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 90991267
Conc: 51.03 ng/ml



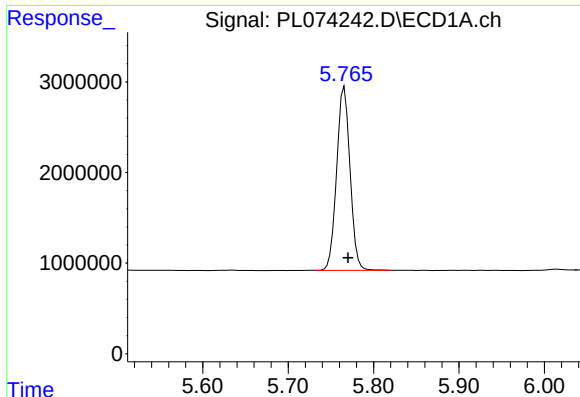
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 22378030
Conc: 53.32 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 133599132
Conc: 53.06 ng/ml



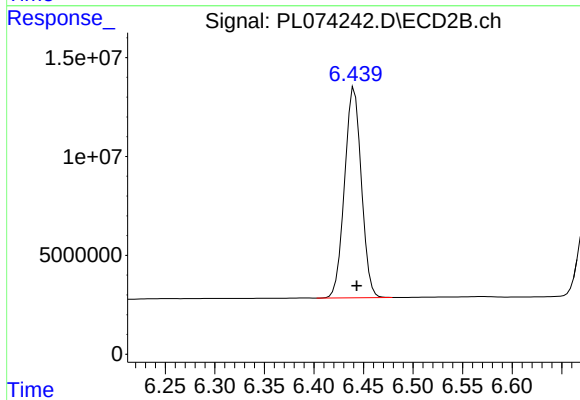
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 22101872
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

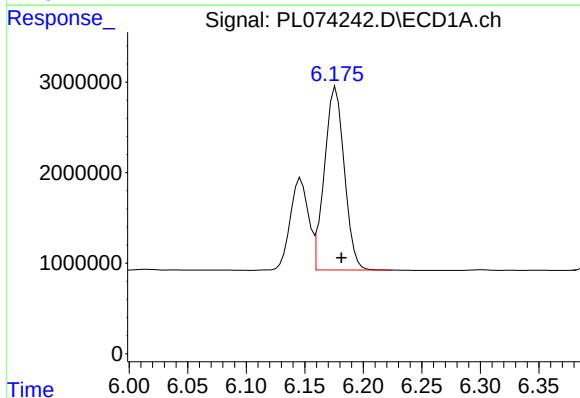
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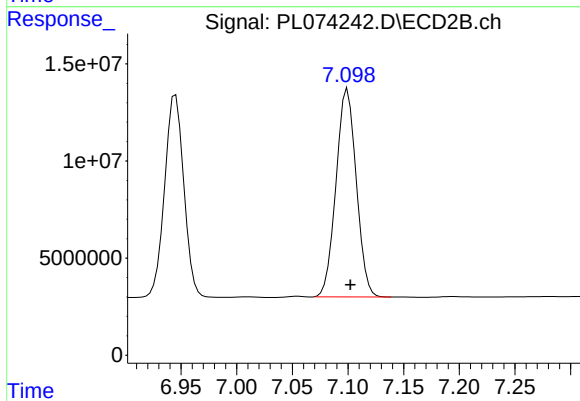
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 125309495
Conc: 52.94 ng/ml



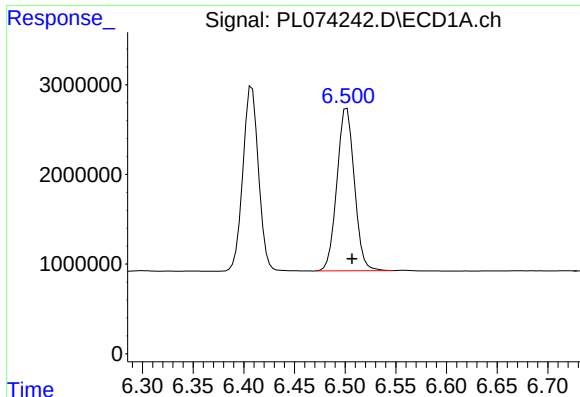
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 23905784
Conc: 53.07 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 135771733
Conc: 52.05 ng/ml



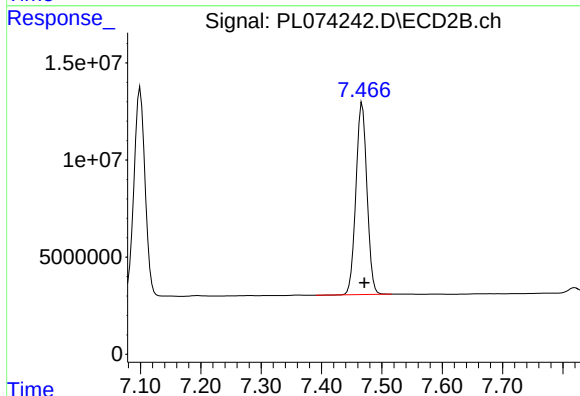
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 21719138
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

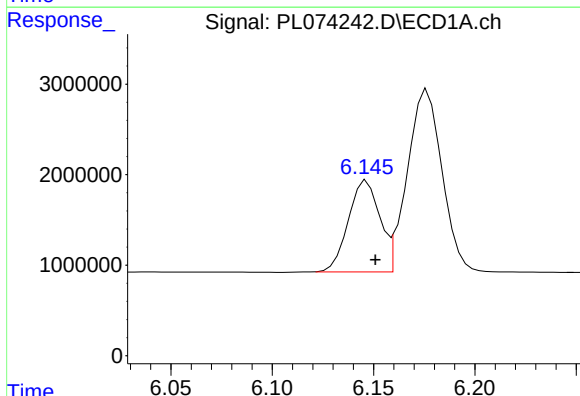
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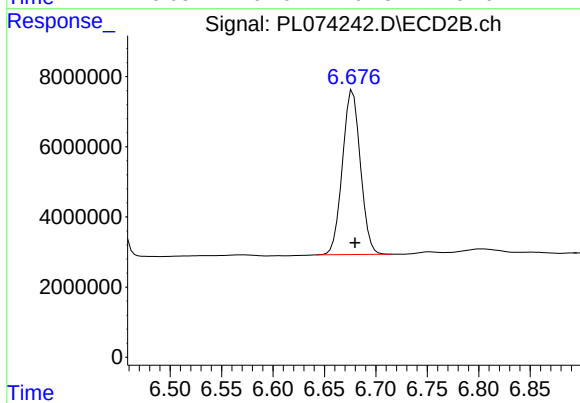
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 125646747
Conc: 53.50 ng/ml



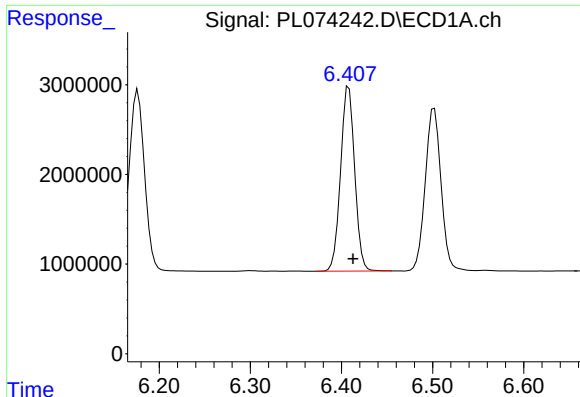
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 10888459
Conc: 53.29 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 57116999
Conc: 50.68 ng/ml



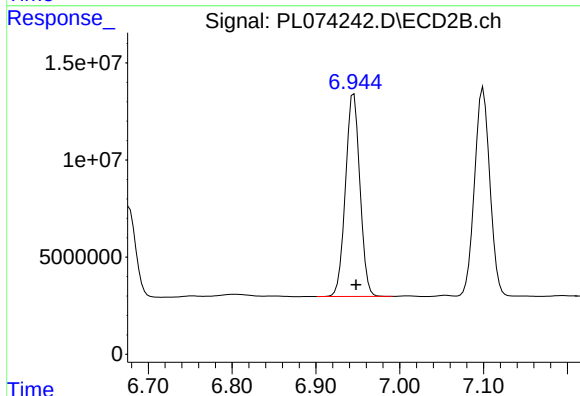
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 22118620
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

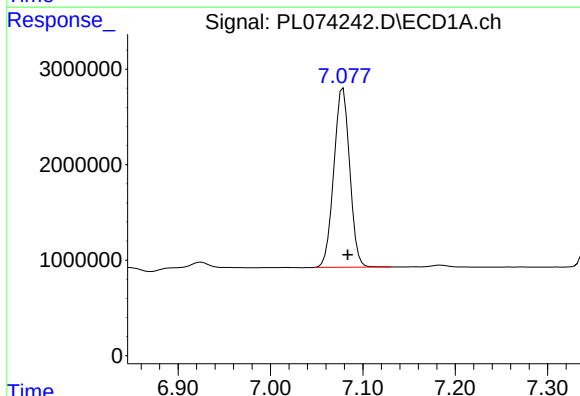
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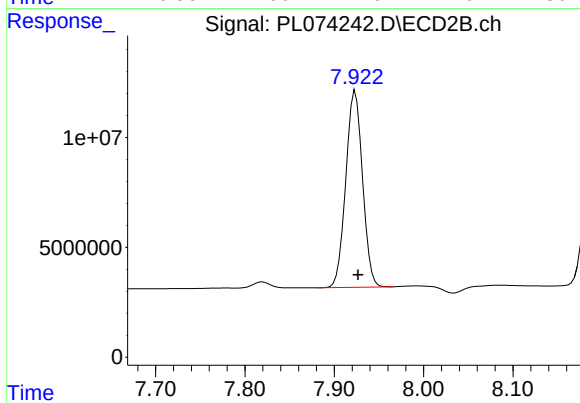
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 125260539
Conc: 51.29 ng/ml



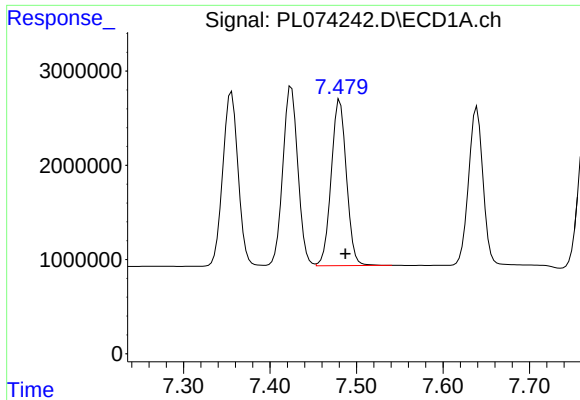
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 22406932
Conc: 52.24 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 116440320
Conc: 51.72 ng/ml



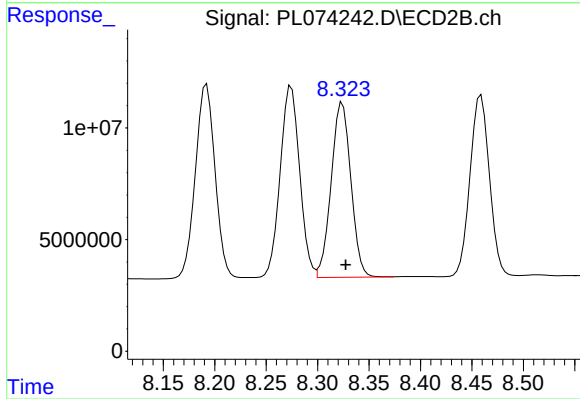
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21478651
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

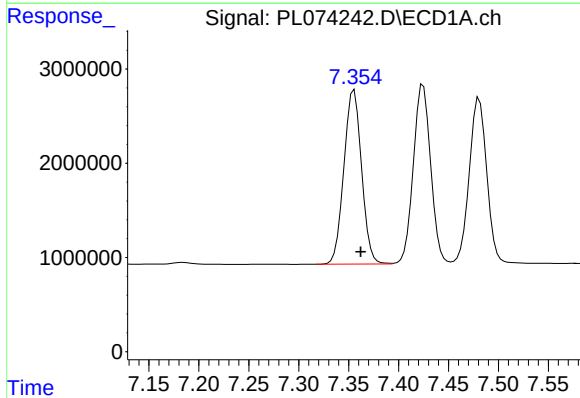
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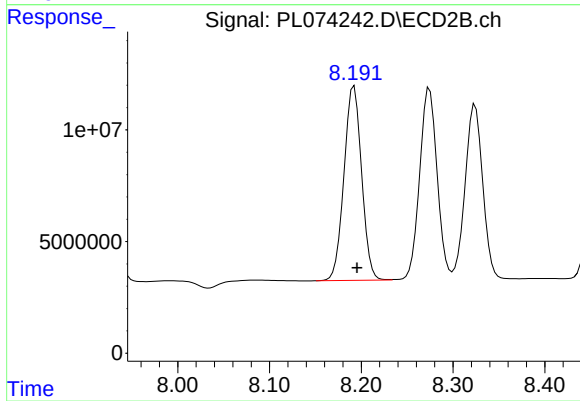
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 104290342
Conc: 52.98 ng/ml



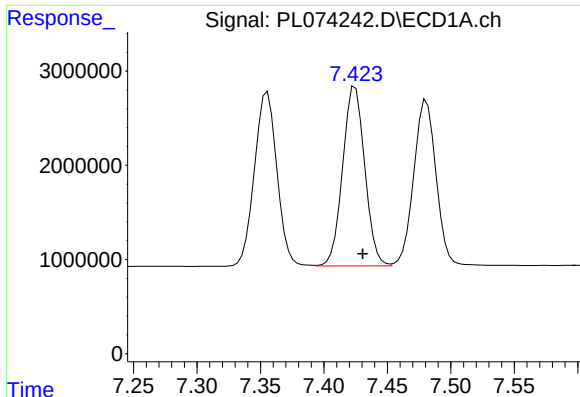
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 22786546
Conc: 51.95 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 115979764
Conc: 52.00 ng/ml



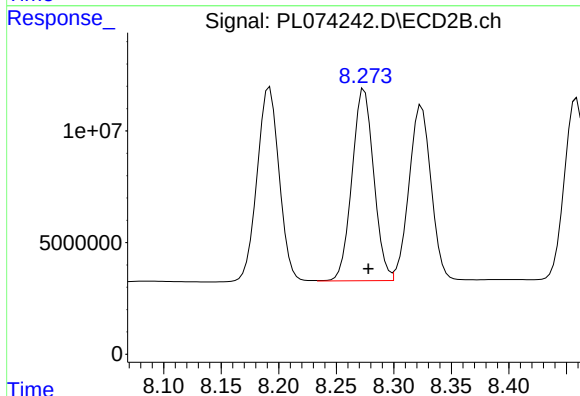
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 23036604
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

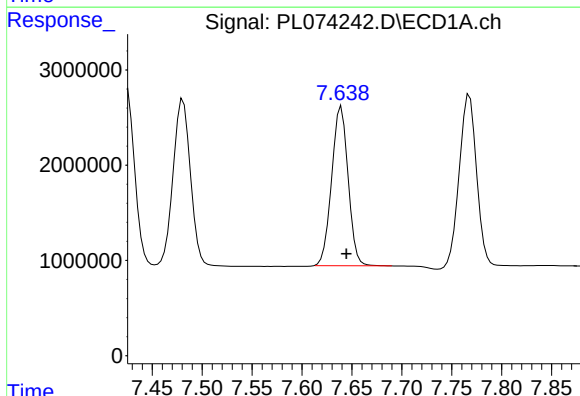
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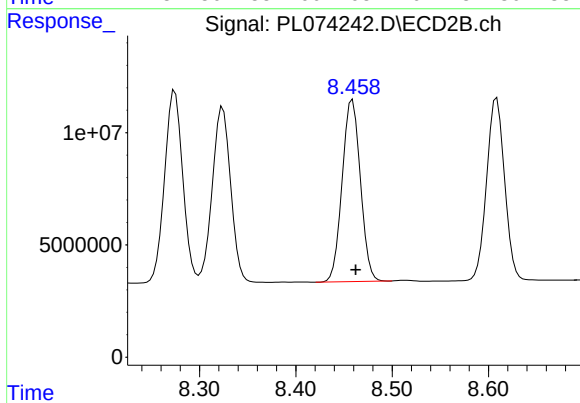
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 113504446
Conc: 52.73 ng/ml



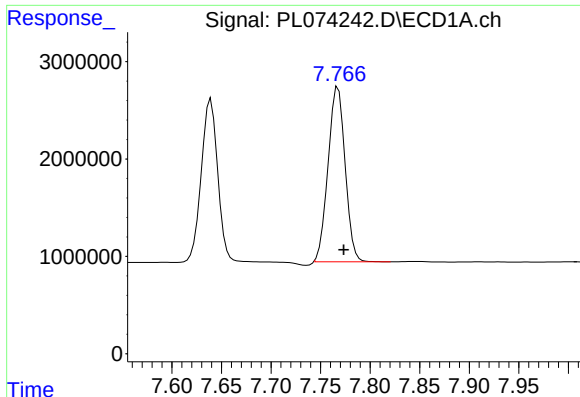
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 19191563
Conc: 52.61 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 106383852
Conc: 53.41 ng/ml



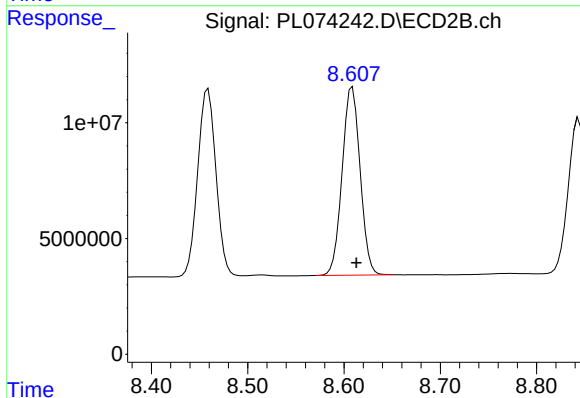
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 21485918
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

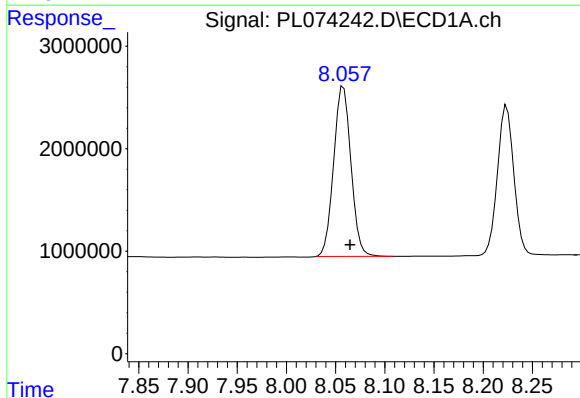
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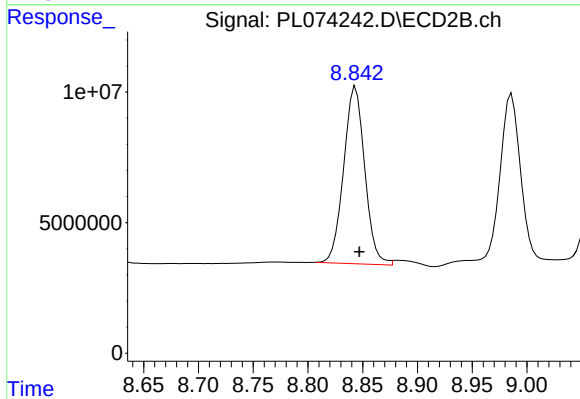
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 105286959
Conc: 52.50 ng/ml



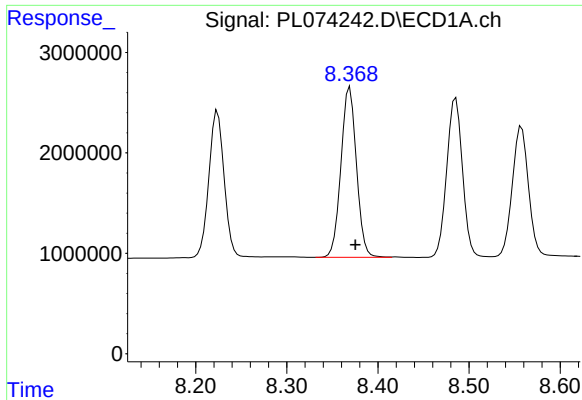
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 20323621
Conc: 50.03 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 90987457
Conc: 53.72 ng/ml



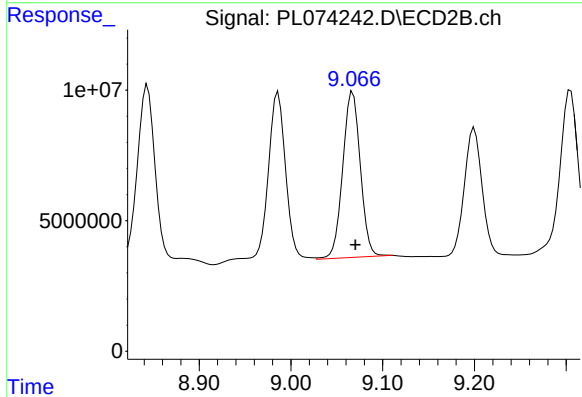
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 20040851
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

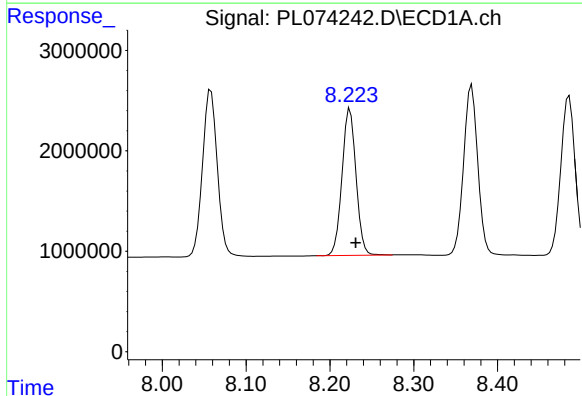
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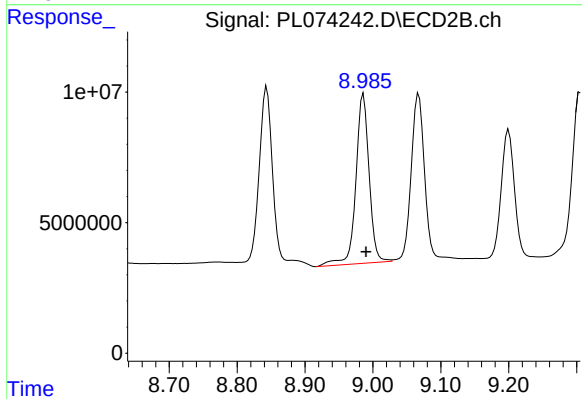
#15 Endosulfan II

R.T.: 9.067 min
Delta R.T.: -0.003 min
Response: 84639374
Conc: 48.72 ng/ml



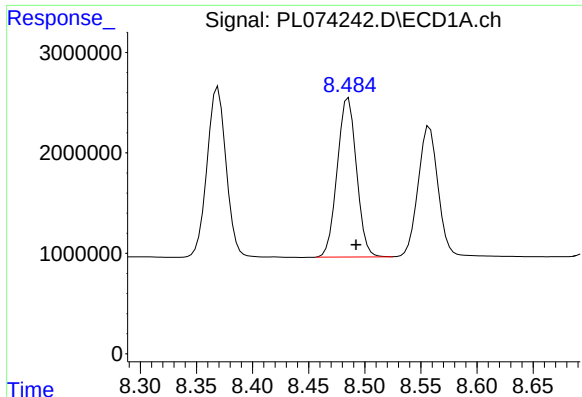
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 16961130
Conc: 52.52 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 88342383
Conc: 57.42 ng/ml



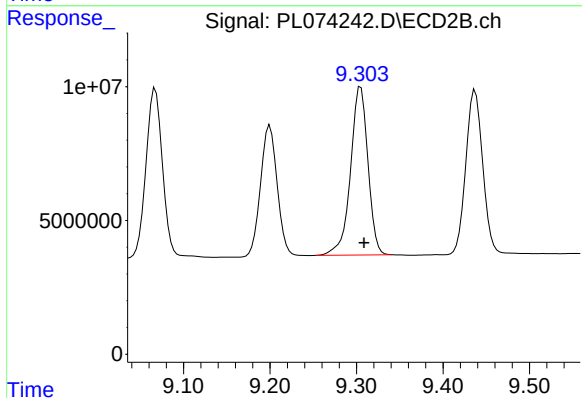
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 18954844
Conc: 51.28 ng/ml

Instrument :
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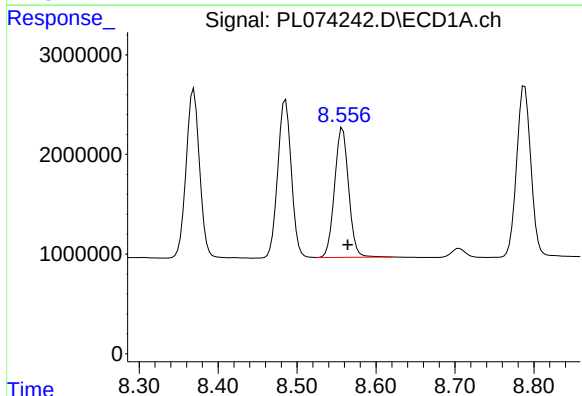
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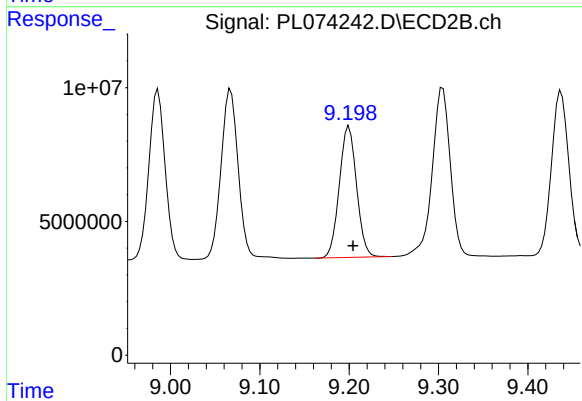
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 87987805
Conc: 49.64 ng/ml



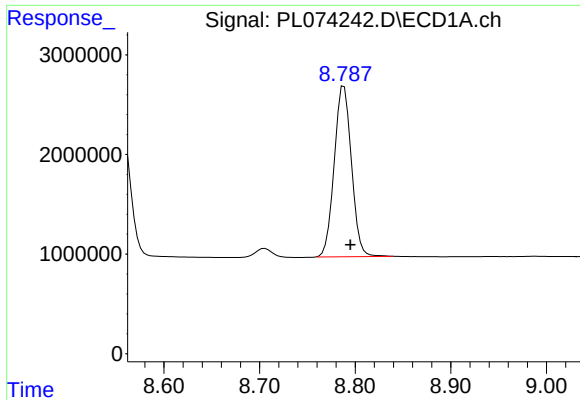
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 16092262
Conc: 49.74 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 65804883
Conc: 50.95 ng/ml



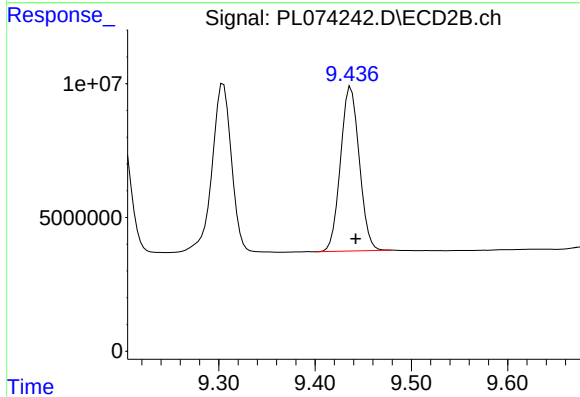
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 21398623
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

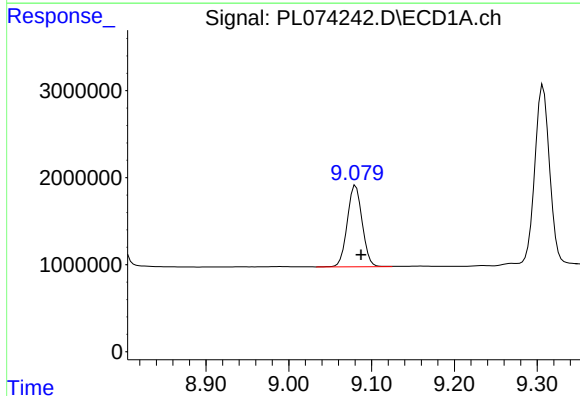
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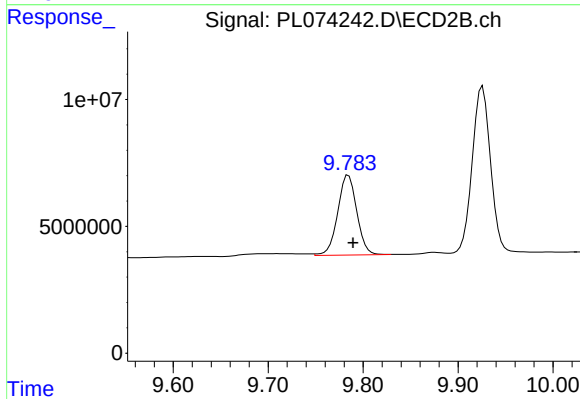
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 83025649
Conc: 49.89 ng/ml



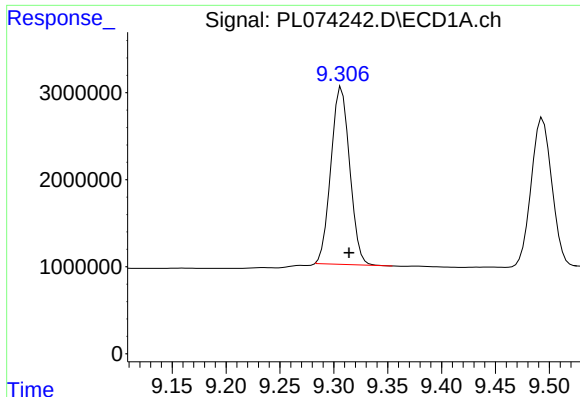
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 11689042
Conc: 47.08 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.005 min
Response: 44151618
Conc: 45.90 ng/ml



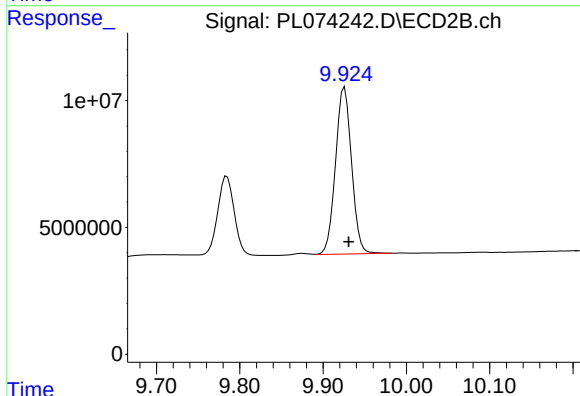
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 24636145
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

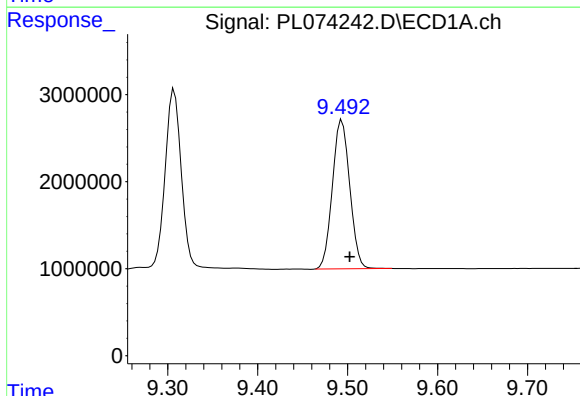
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Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



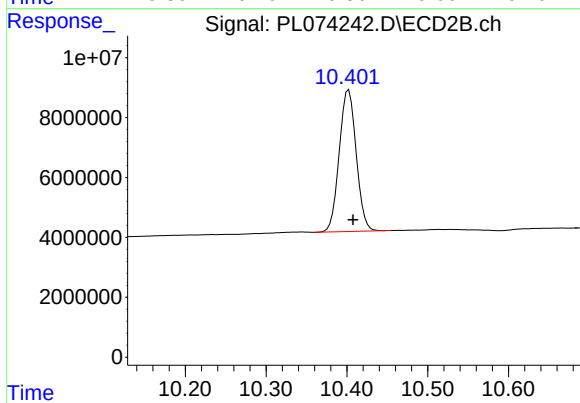
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 88450233
Conc: 51.10 ng/ml



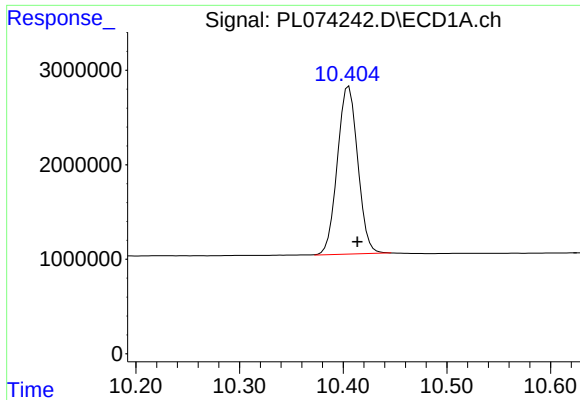
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 23016104
Conc: 49.35 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 68887103
Conc: 50.01 ng/ml



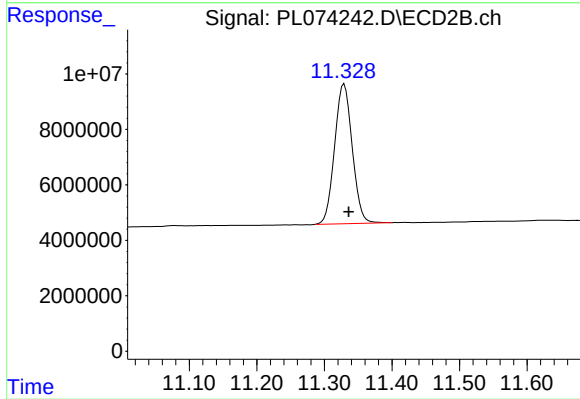
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 24242830
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
N2479-04MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 91678237
Conc: 51.90 ng/ml