

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 18:20
 Operator : AR\AJ
 Sample : N2663-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-25MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2022
 Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:54:49 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...	4.632	5.489	8947962	48735234	27.693	27.334
28)	SA Decachlor...	10.400	11.329	12732696	45323476	24.485m	25.660
Target Compounds							
2)	A alpha-BHC	5.340	6.052	26607251	159.3E6	63.402	63.261
3)	MA gamma-BHC...	5.764	6.441	26395769	148.2E6	62.937	62.609
4)	MA Heptachlor	6.174	7.100	28325219	158.4E6	62.881	60.718
5)	MB Aldrin	6.498	7.468	27540224	153.6E6	66.354	65.417
6)	B beta-BHC	6.144	6.678	12358346	64716461	60.483	57.423
7)	B delta-BHC	6.405	6.946	24438374	136.5E6	59.077	55.908
8)	B Heptachlo...	7.075	7.924	27058430	136.2E6	63.082	60.498
9)	A Endosulfan I	7.478	8.325	25915816	125.1E6	63.191	63.569
10)	B gamma-Chl...	7.353	8.192	27967009	139.3E6	63.766	62.458
11)	B alpha-Chl...	7.422	8.275	28106797	135.7E6	63.623	63.042
12)	B 4,4'-DDE	7.635	8.460	24047376	125.7E6	65.916m	63.126
13)	MA Dieldrin	7.763	8.610	27723204	131.0E6	64.537m	65.330
14)	MA Endrin	8.056	8.844	25628290	114.0E6	63.088	67.293
15)	B Endosulfa...	8.366	9.068	26738917	108.2E6	64.875	62.258
16)	A 4,4'-DDD	8.222	8.988	20314788	97914797	62.909	63.639
17)	MA 4,4'-DDT	8.483	9.306	22218127	103.1E6	60.108	58.163
18)	B Endrin al...	8.554	9.201	20681434	81690675	63.920	63.247
19)	B Endosulfa...	8.785	9.439	25384528	101.2E6	59.445	60.821
20)	A Methoxychlor	9.078	9.786	14734428	63973511	59.349	66.511
21)	B Endrin ke...	9.303	9.927	30115552	108.2E6	61.642m	62.504
22)	Mirex	9.491	10.403	25557232	79188729	54.796	57.491

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

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 Data File : PL074496.D
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 Acq On : 03 May 2022 18:20
 Operator : AR\AJ
 Sample : N2663-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

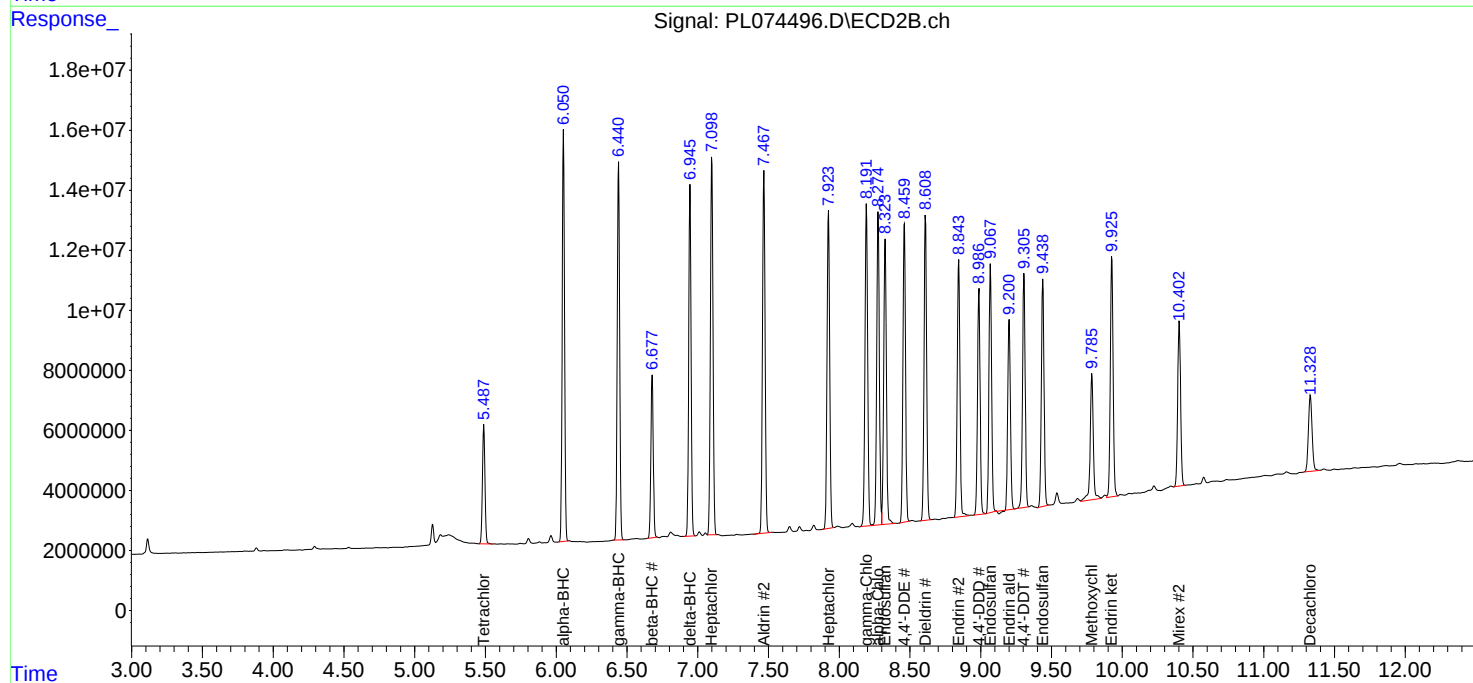
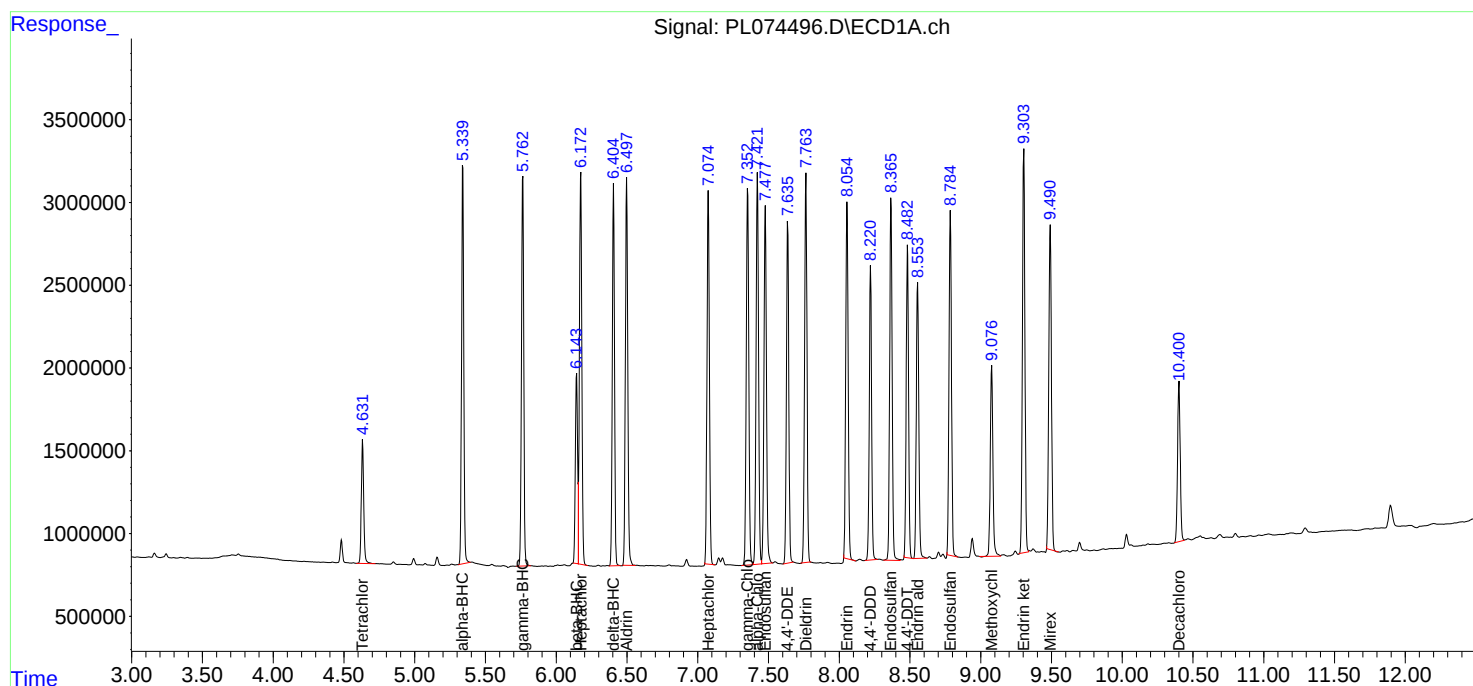
Instrument :
 ECD_L
 ClientSampleId :
 TP-25MSD

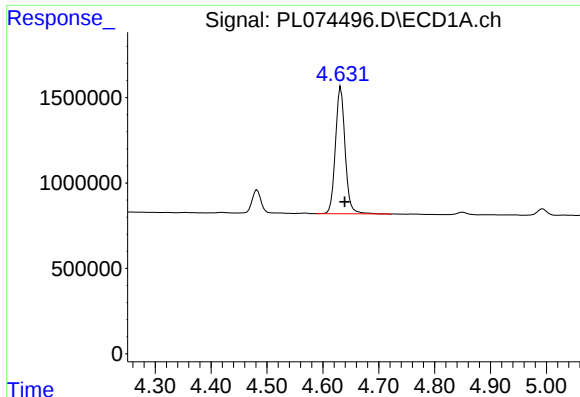
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:54:49 2022
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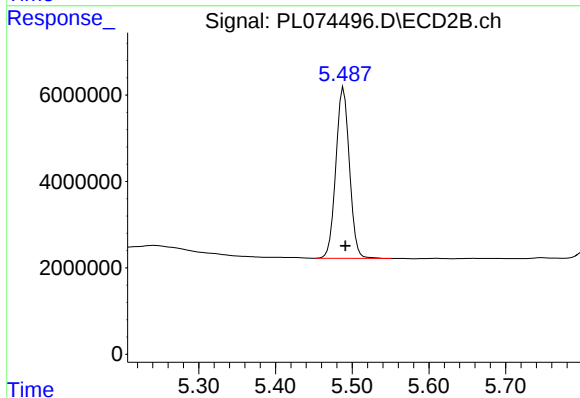
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 8947962
Conc: 27.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

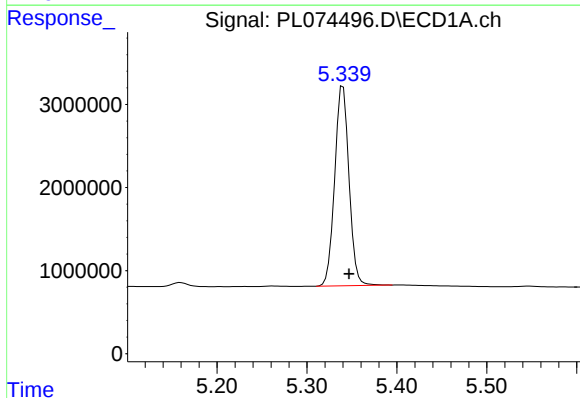
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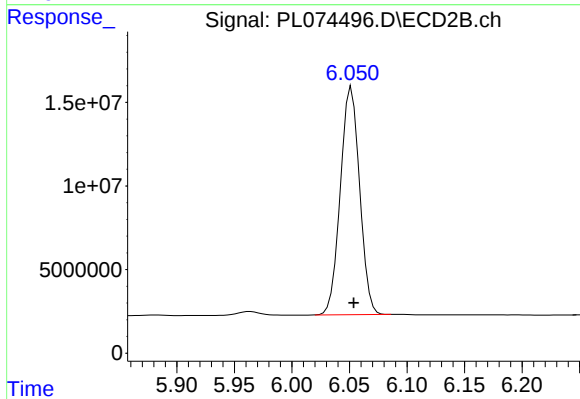
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 48735234
Conc: 27.33 ng/ml



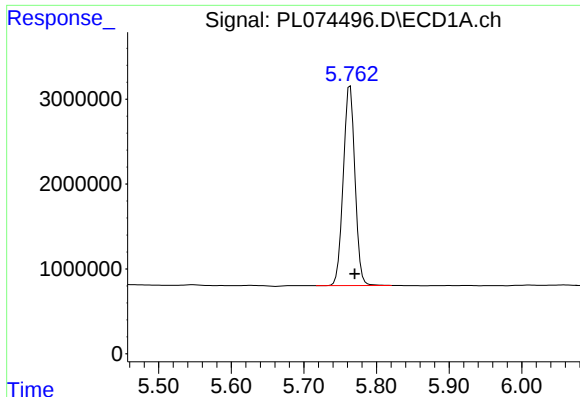
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 26607251
Conc: 63.40 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 159296983
Conc: 63.26 ng/ml



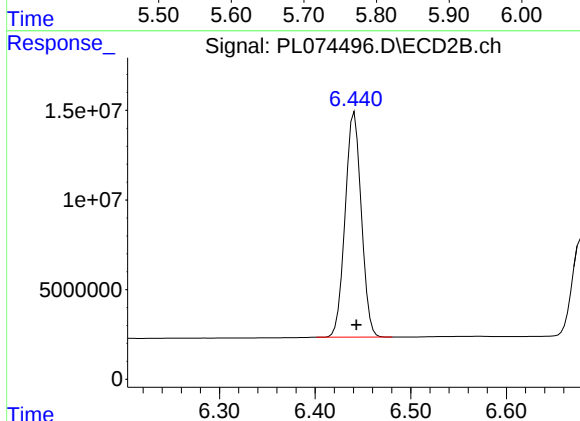
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.007 min
Response: 26395769
Conc: 62.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

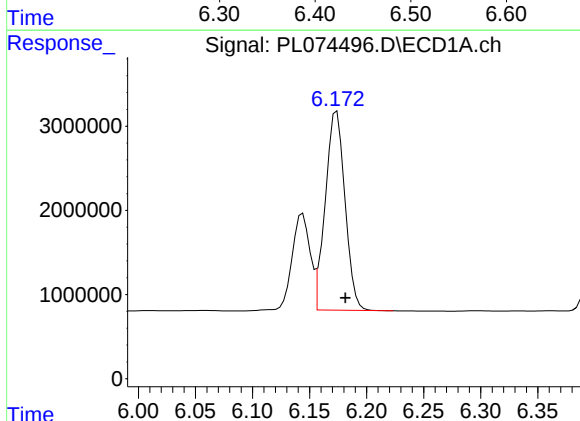
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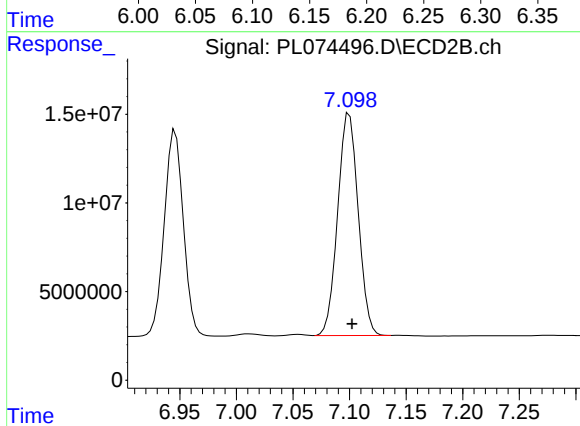
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 148201844
Conc: 62.61 ng/ml



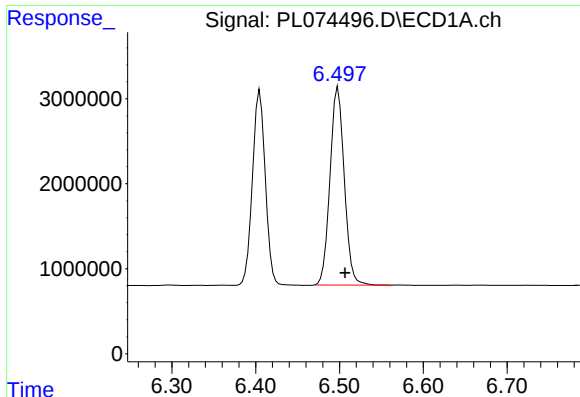
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 28325219
Conc: 62.88 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 158378801
Conc: 60.72 ng/ml



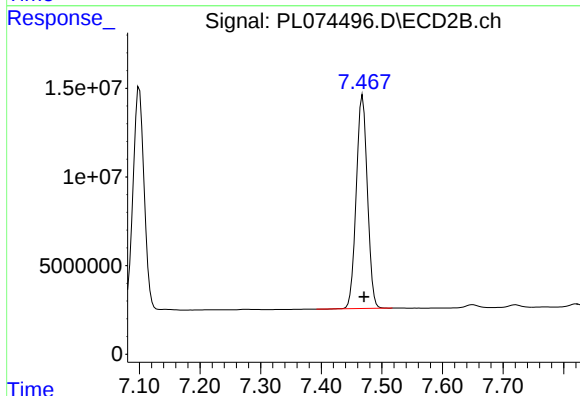
#5 Aldrin

R.T.: 6.498 min
Delta R.T.: -0.008 min
Response: 27540224
Conc: 66.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

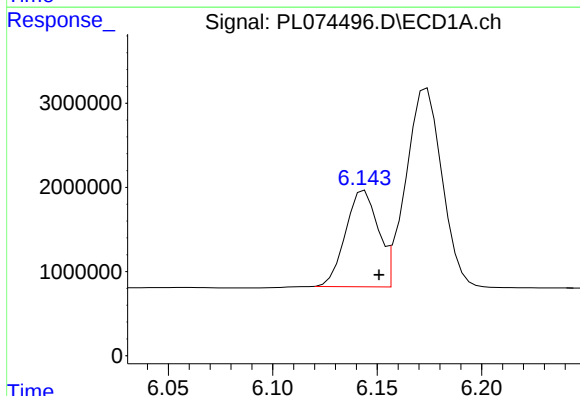
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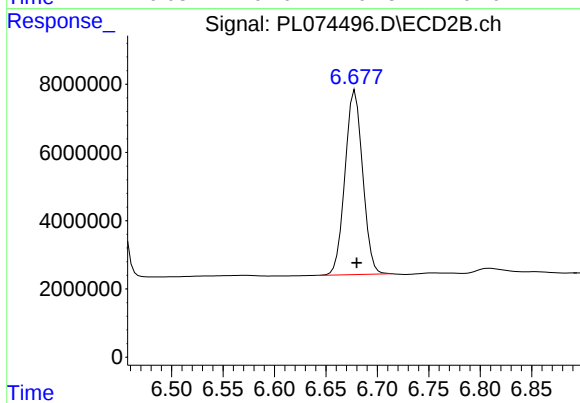
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 153637732
Conc: 65.42 ng/ml



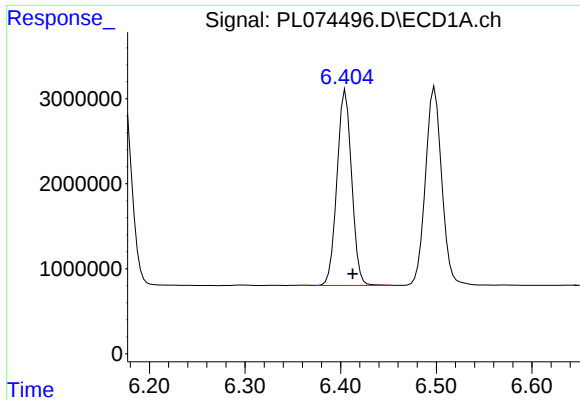
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 12358346
Conc: 60.48 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 64716461
Conc: 57.42 ng/ml



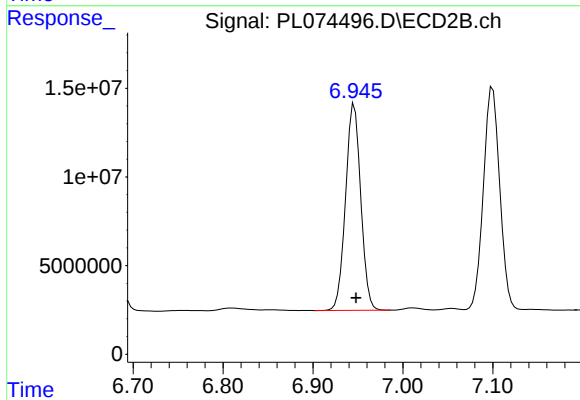
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: -0.007 min
Response: 24438374
Conc: 59.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

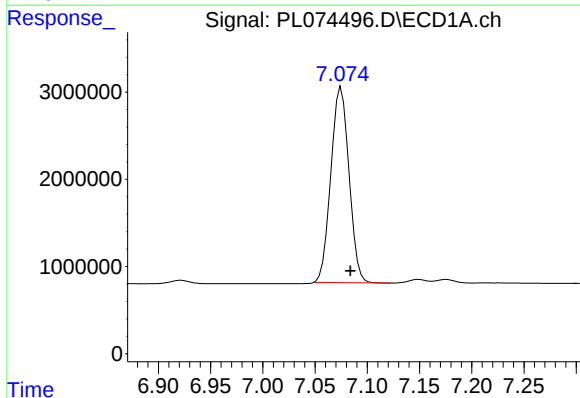
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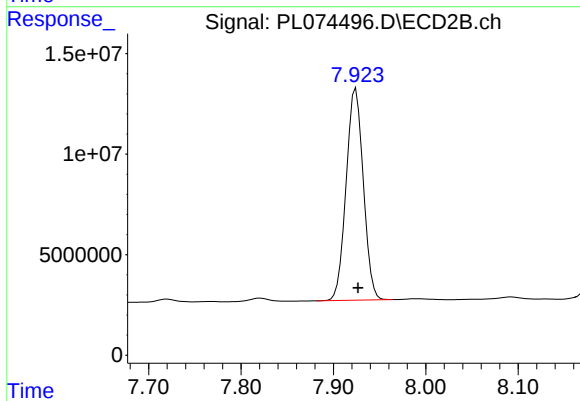
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 136542753
Conc: 55.91 ng/ml



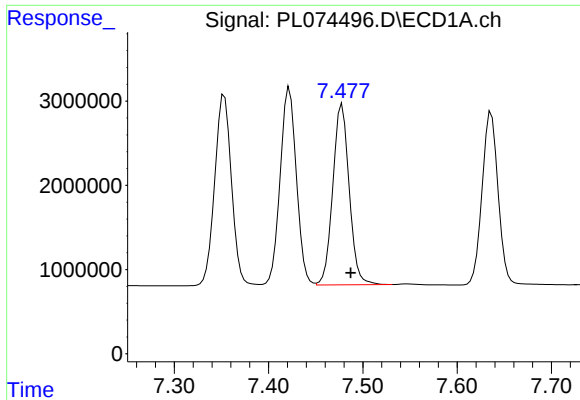
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: -0.009 min
Response: 27058430
Conc: 63.08 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 136215022
Conc: 60.50 ng/ml



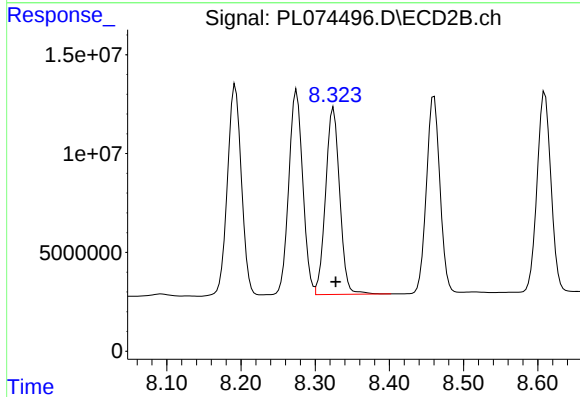
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 25915816
Conc: 63.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

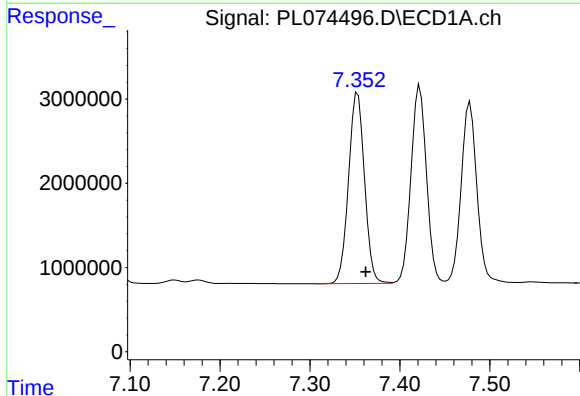
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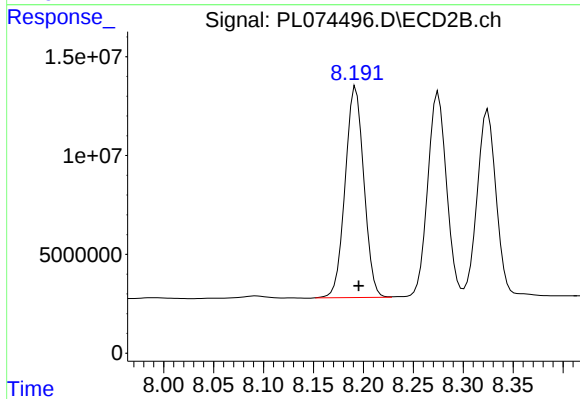
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 125145970
Conc: 63.57 ng/ml



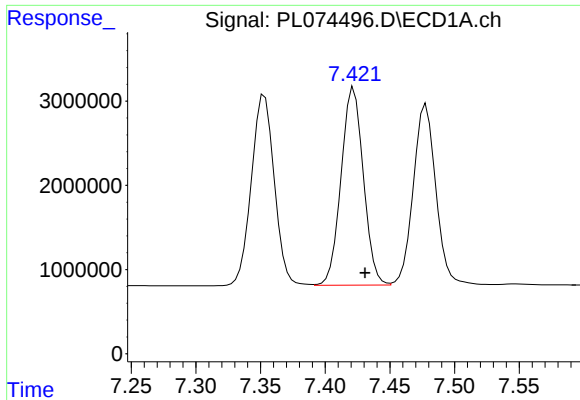
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 27967009
Conc: 63.77 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 139303309
Conc: 62.46 ng/ml



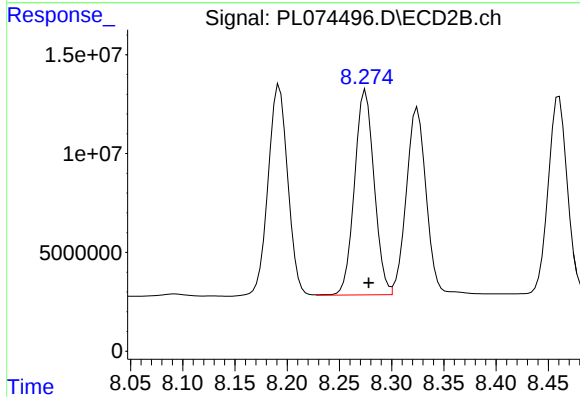
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.008 min
Response: 28106797
Conc: 63.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

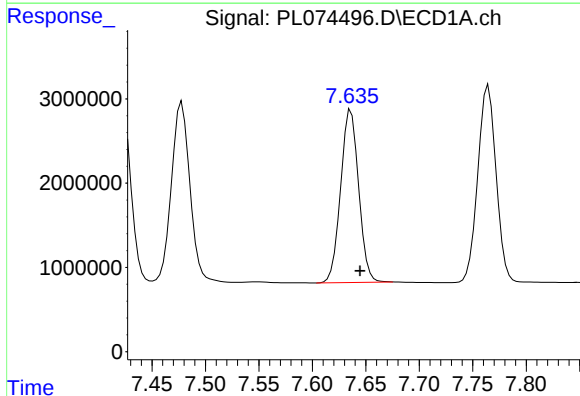
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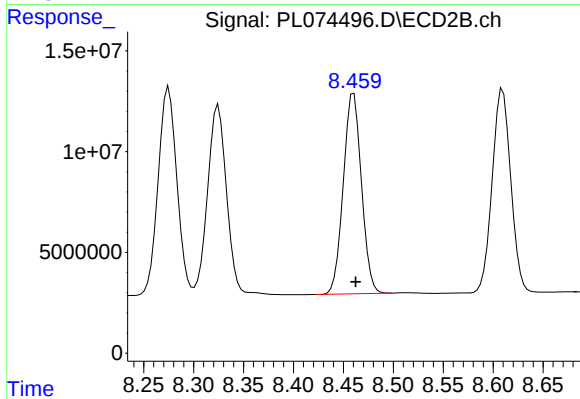
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 135704113
Conc: 63.04 ng/ml



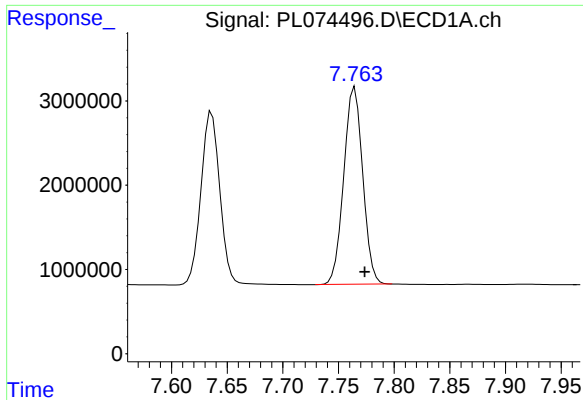
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 24047376
Conc: 65.92 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 125727342
Conc: 63.13 ng/ml



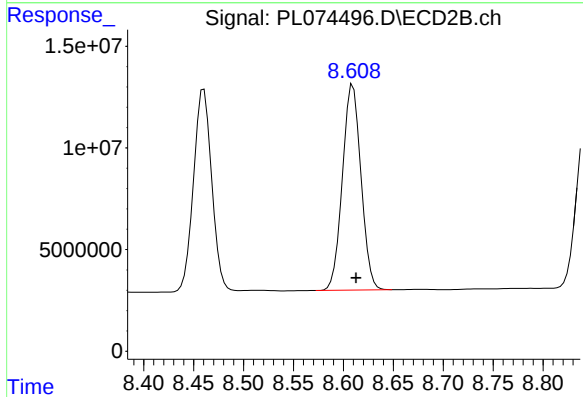
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 27723204
Conc: 64.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
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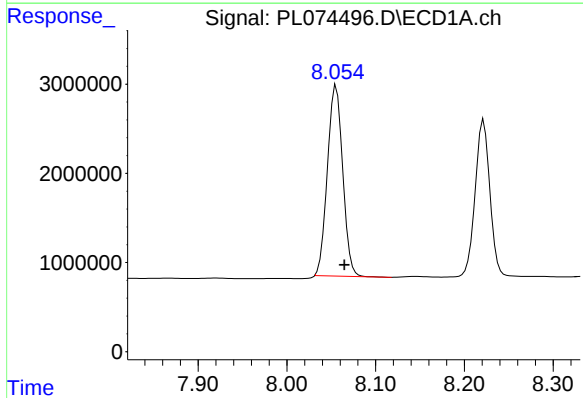
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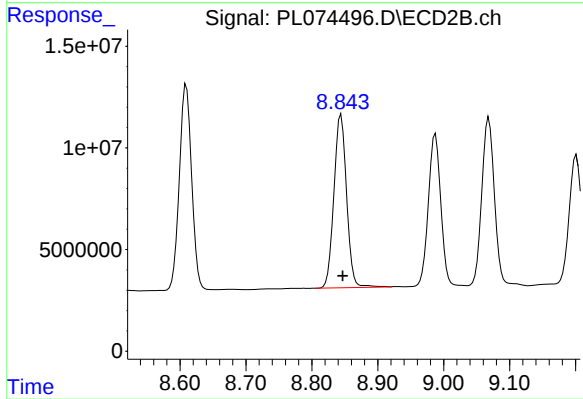
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 131004847
Conc: 65.33 ng/ml



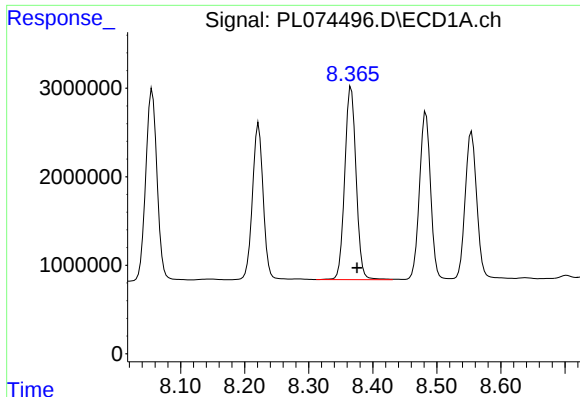
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 25628290
Conc: 63.09 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 113972477
Conc: 67.29 ng/ml



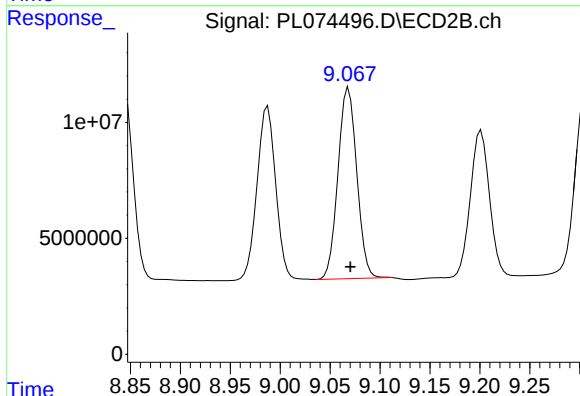
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 26738917
Conc: 64.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

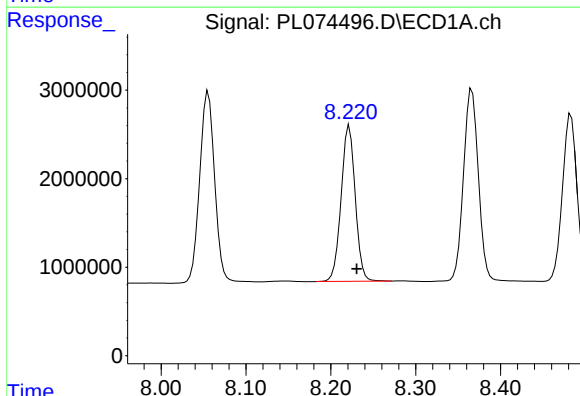
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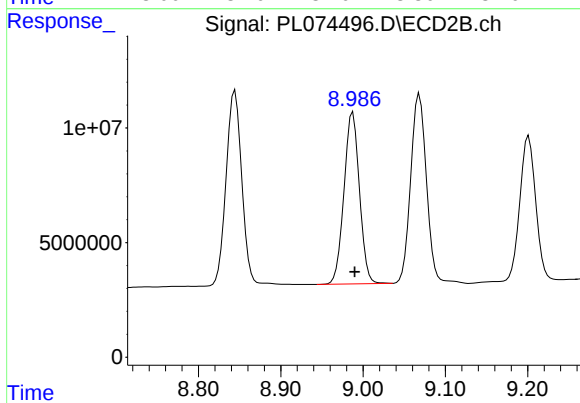
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 108156103
Conc: 62.26 ng/ml



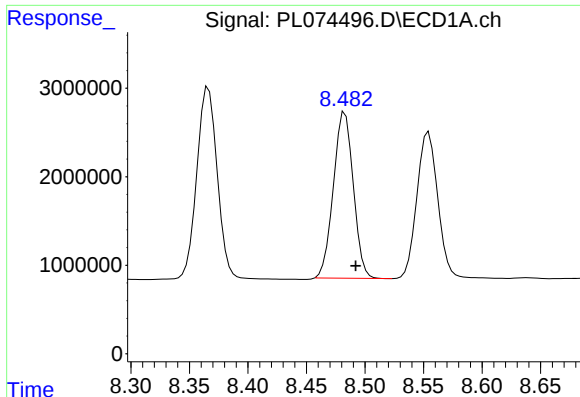
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 20314788
Conc: 62.91 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 97914797
Conc: 63.64 ng/ml



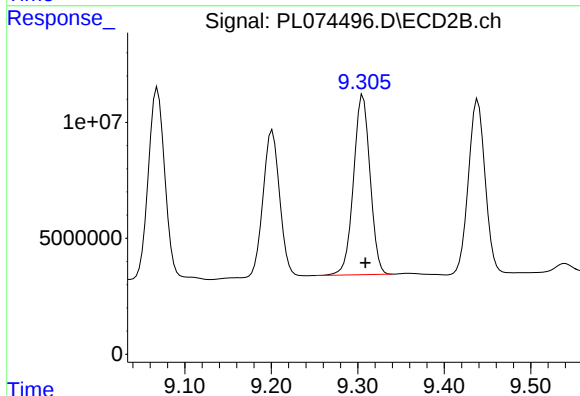
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 22218127
Conc: 60.11 ng/ml

Instrument :
ECD_L
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TP-25MSD

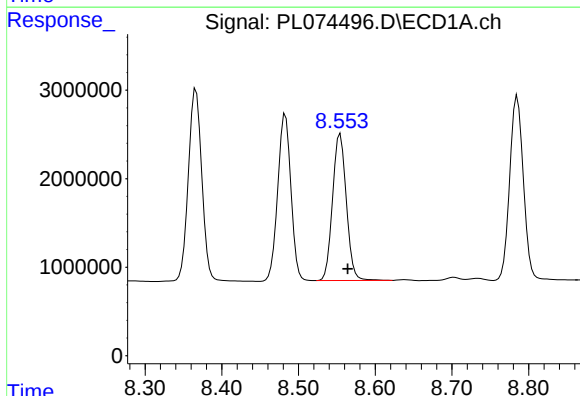
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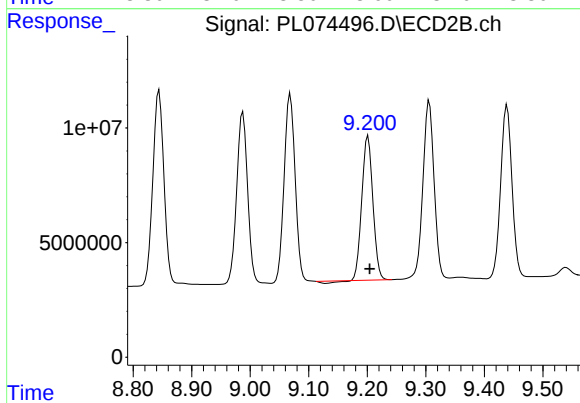
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 103104398
Conc: 58.16 ng/ml



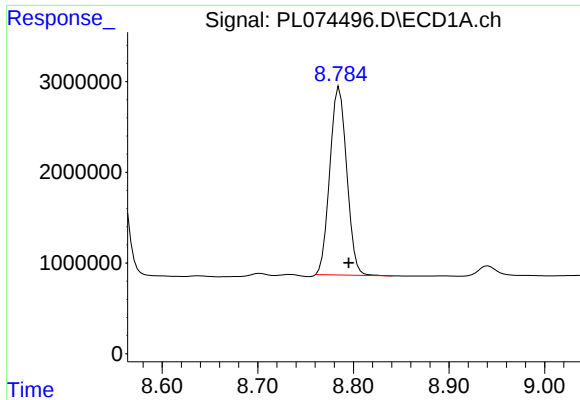
#18 Endrin aldehyde

R.T.: 8.554 min
Delta R.T.: -0.010 min
Response: 20681434
Conc: 63.92 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 81690675
Conc: 63.25 ng/ml



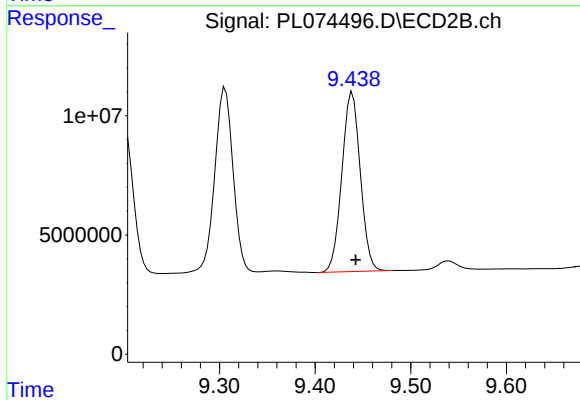
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 25384528
Conc: 59.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

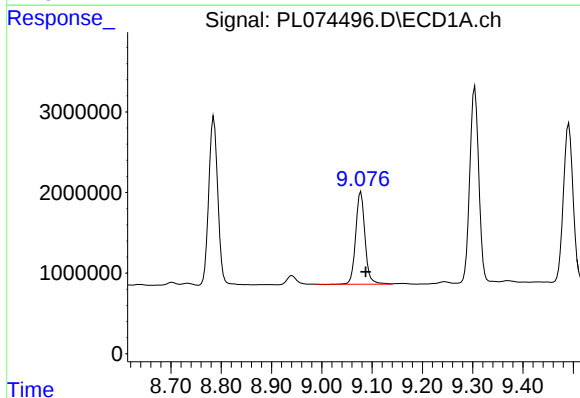
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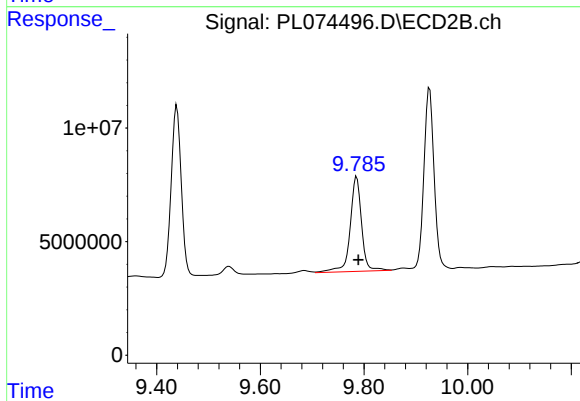
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 101226515
Conc: 60.82 ng/ml



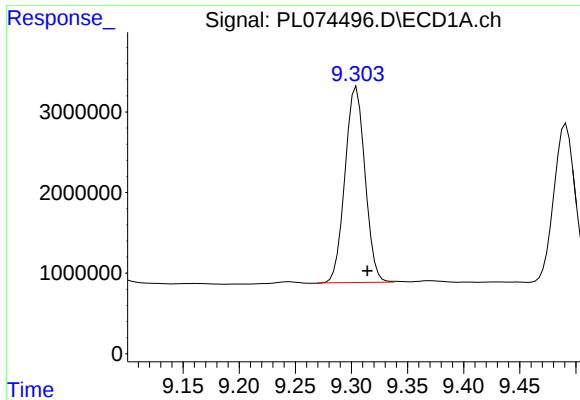
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.010 min
Response: 14734428
Conc: 59.35 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 63973511
Conc: 66.51 ng/ml



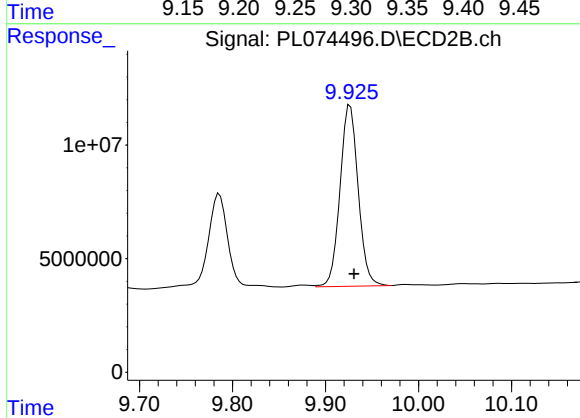
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 30115552
Conc: 61.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

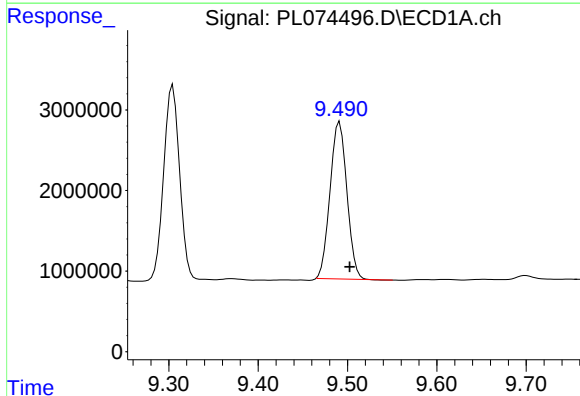
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



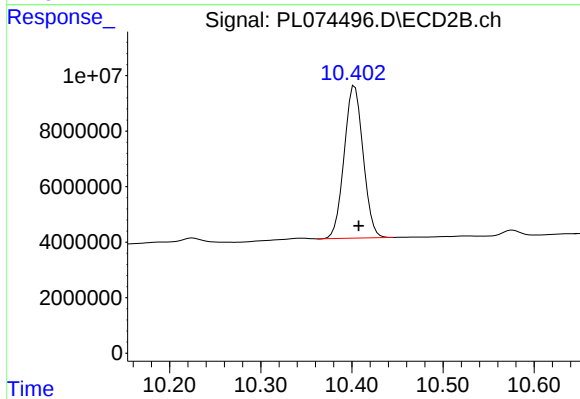
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 108190044
Conc: 62.50 ng/ml



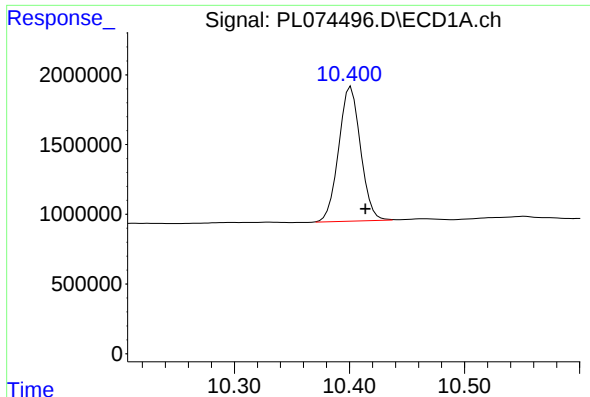
#22 Mirex

R.T.: 9.491 min
Delta R.T.: -0.011 min
Response: 25557232
Conc: 54.80 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 79188729
Conc: 57.49 ng/ml



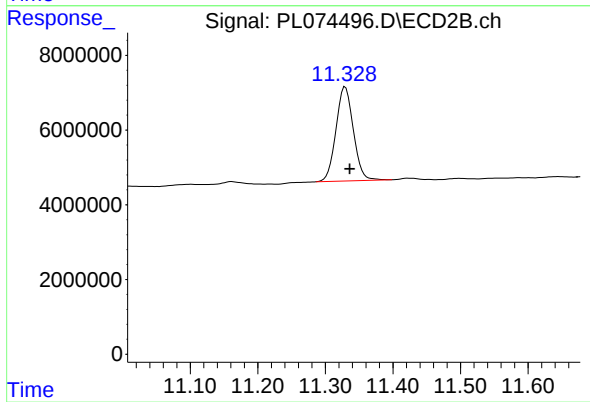
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 12732696
Conc: 24.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 45323476
Conc: 25.66 ng/ml