

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 21:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/06/2022
 Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:18:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.640	5.492	16066163	93956690	50.162	57.247
2)	SA Decachlor...	10.414	11.334	23658025	80584700	46.525	45.065
Target Compounds							
2)	A alpha-BHC	5.348	6.055	20995432	135.8E6	50.935	60.367
3)	MA gamma-BHC...	5.772	6.444	20754126	125.3E6	49.754	58.697
4)	MA Heptachlor	6.183	7.103	21217957	126.7E6	47.026	54.062
5)	MB Aldrin	6.508	7.471	19988258	117.4E6	48.378	56.059
6)	B beta-BHC	6.152	6.680	10502985	56650358	51.011	54.347
7)	B delta-BHC	6.414	6.948	20760972	122.7E6	51.689	56.974
8)	B Heptachlo...	7.085	7.927	20625512	107.9E6	47.857	54.030
9)	A Endosulfan I	7.488	8.328	19703288	92746711	48.031	50.809
10)	B gamma-Chl...	7.362	8.195	20982518	105.4E6	47.982	51.620
11)	B alpha-Chl...	7.432	8.278	21080108	101.6E6	47.700	50.802
12)	B 4,4'-DDE	7.646	8.462	17414653	92852981	48.531	51.804
13)	MA Dieldrin	7.775	8.613	20090828	93116531	48.223	50.477
14)	MA Endrin	8.066	8.848	18406177	74887522	47.438	48.647
15)	B Endosulfa...	8.376	9.071	18634392	75882883	47.673	49.408
16)	A 4,4'-DDD	8.231	8.990	16175581	75962259	49.811	52.039
17)	MA 4,4'-DDT	8.493	9.309	16625283	73102019	43.961	44.724
18)	B Endrin al...	8.564	9.203	14792631	58372869	46.775	47.600m
19)	B Endosulfa...	8.796	9.441	19959112	74511272	47.249	47.277
20)	A Methoxychlor	9.088	9.788	10963079	37018694	42.735	41.083
21)	B Endrin ke...	9.315	9.930	24341532	78736438	49.755	47.702
22)	Mirex	9.504	10.406	21580036	61144451	45.763	45.010

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 21:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

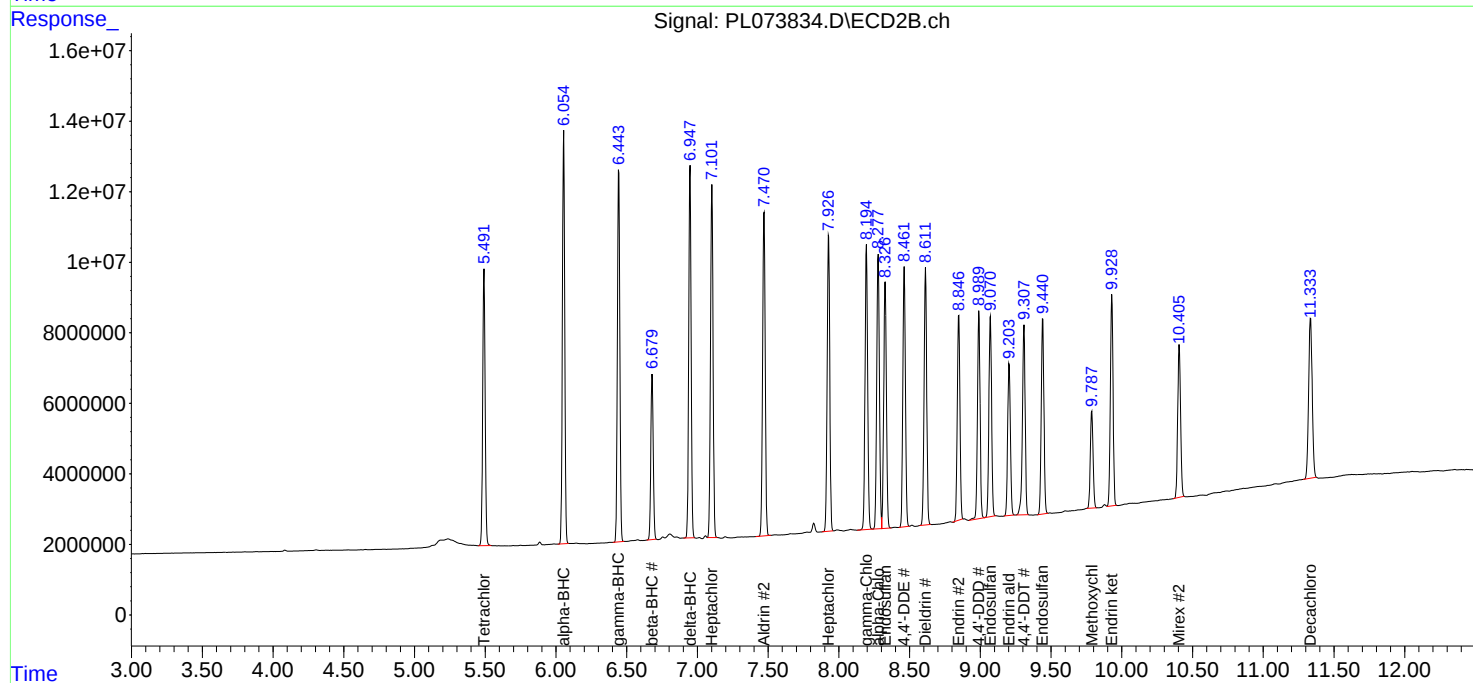
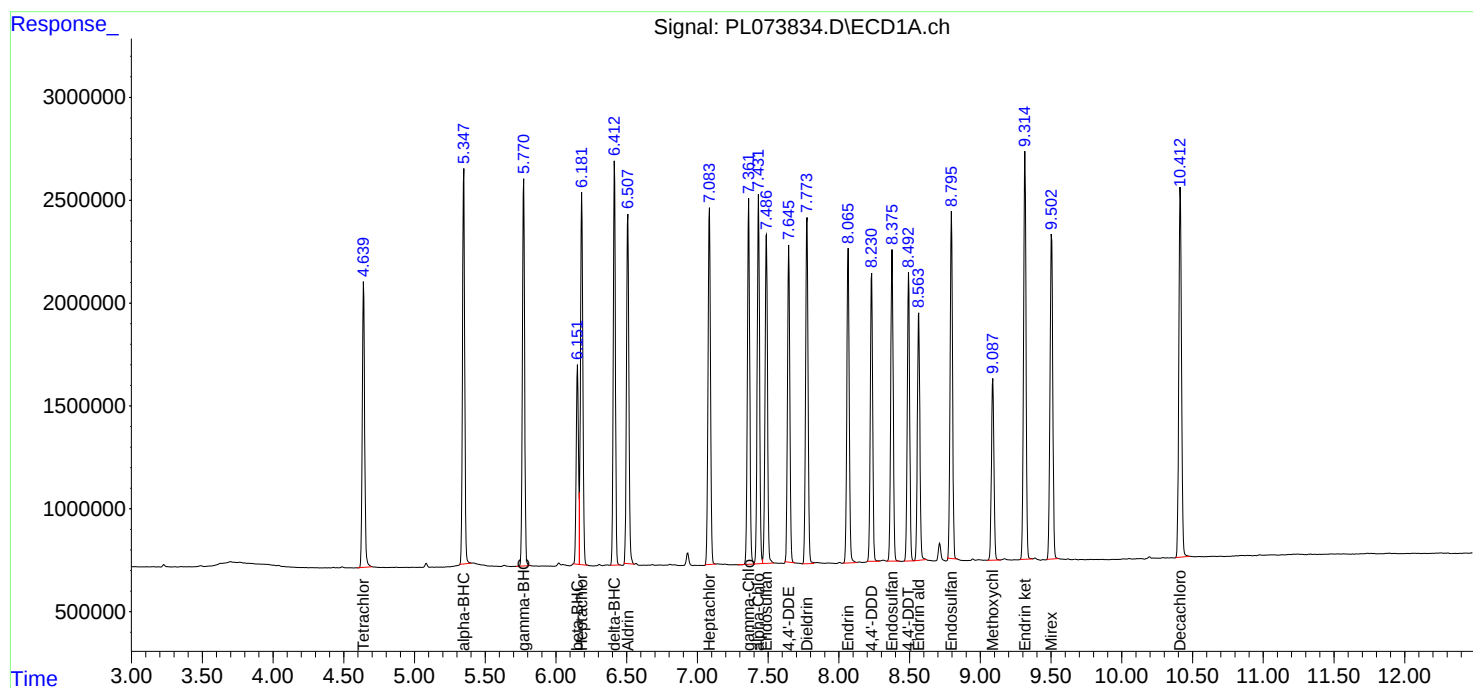
APPROVED

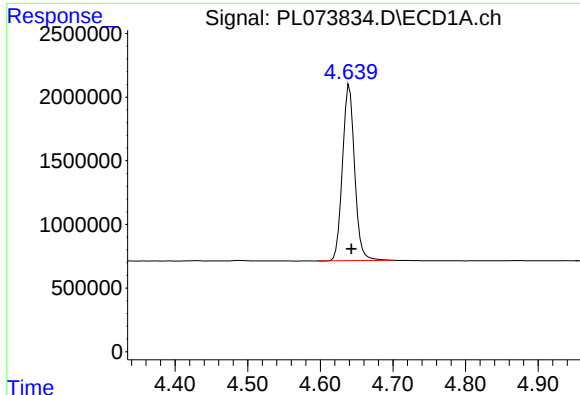
Reviewed By :Abdul Mirza 04/06/2022

Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:18:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





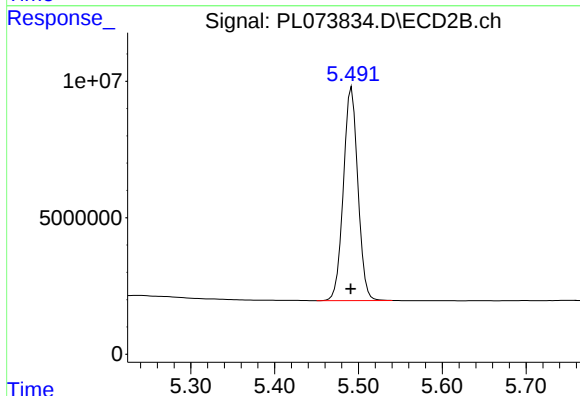
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 16066163
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

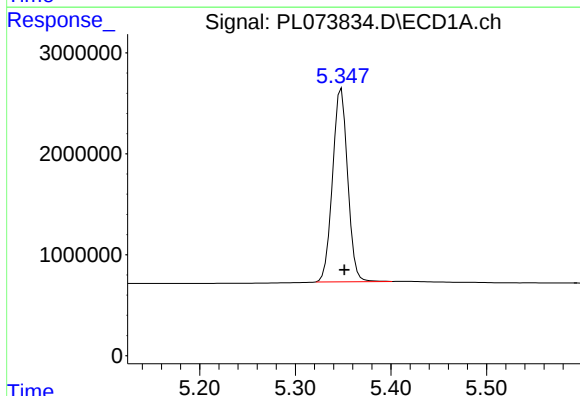
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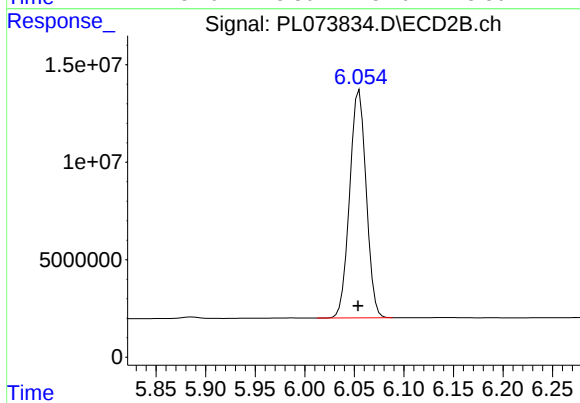
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 93956690
Conc: 57.25 ng/ml



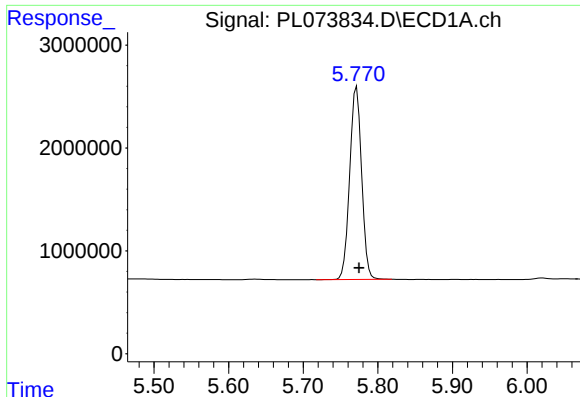
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 20995432
Conc: 50.93 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 135805040
Conc: 60.37 ng/ml



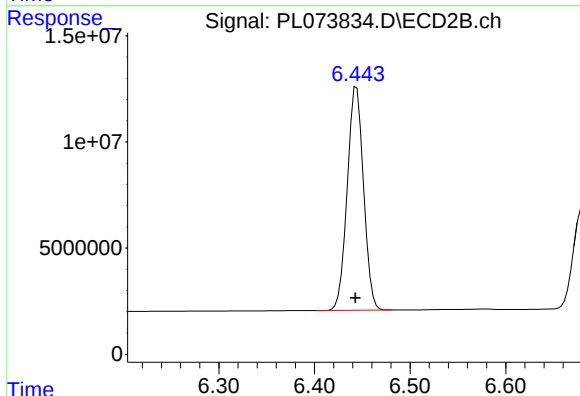
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 20754126
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

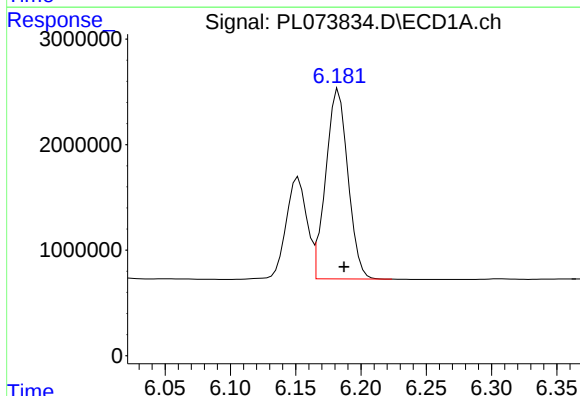
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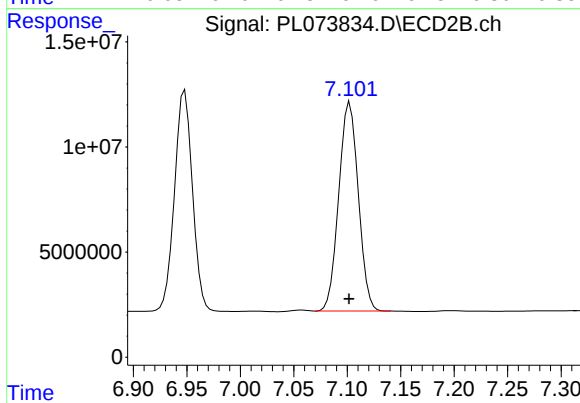
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 125322589
Conc: 58.70 ng/ml



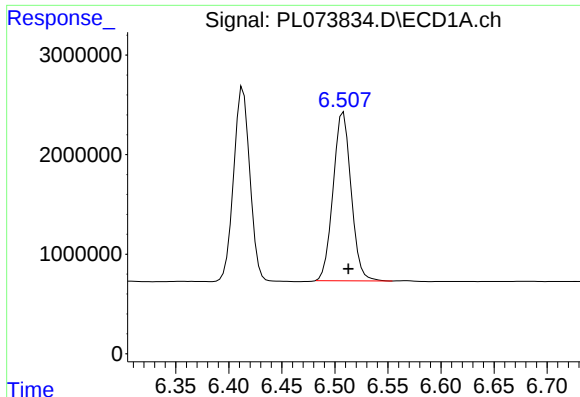
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 21217957
Conc: 47.03 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 126671708
Conc: 54.06 ng/ml



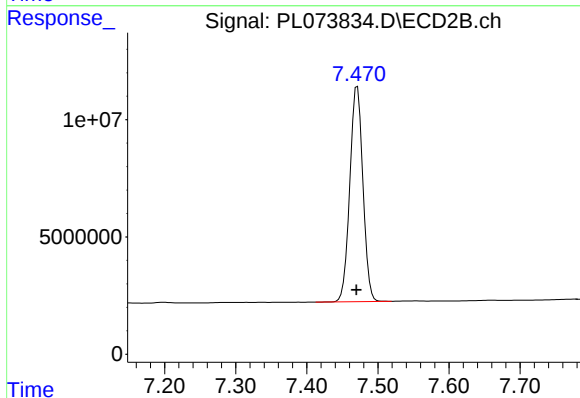
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 19988258
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

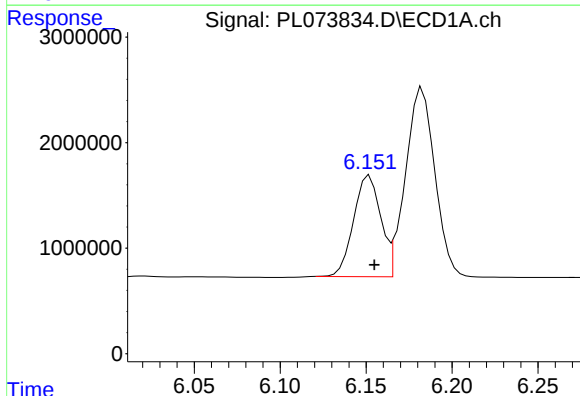
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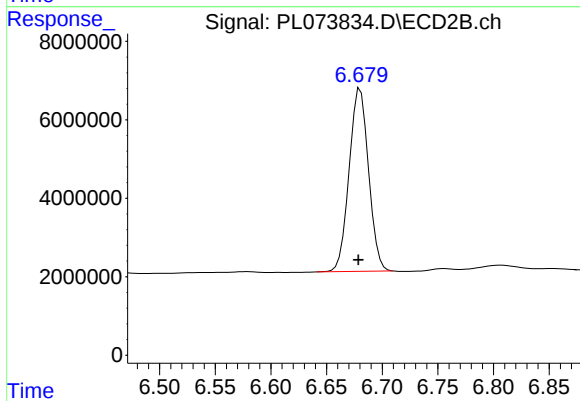
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 117442120
Conc: 56.06 ng/ml



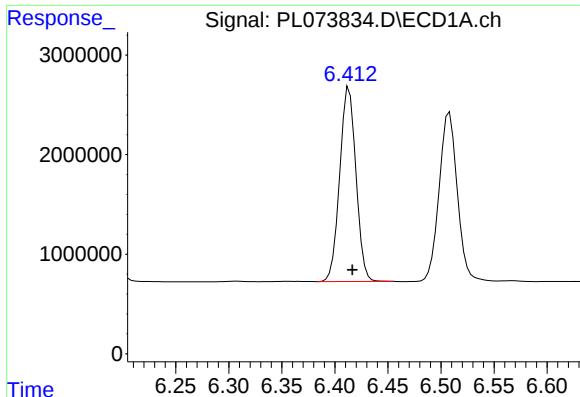
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 10502985
Conc: 51.01 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 56650358
Conc: 54.35 ng/ml



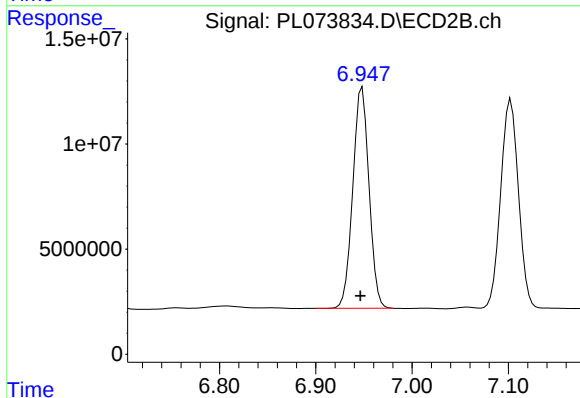
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 20760972
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

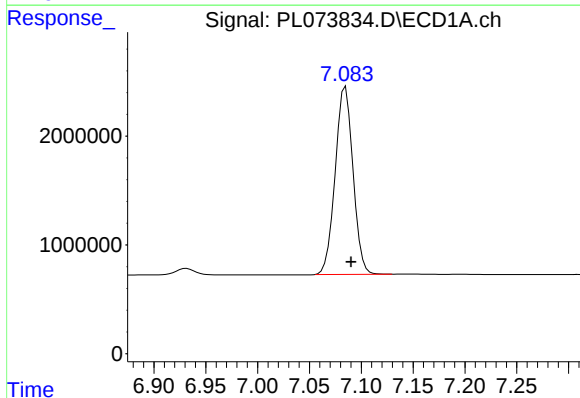
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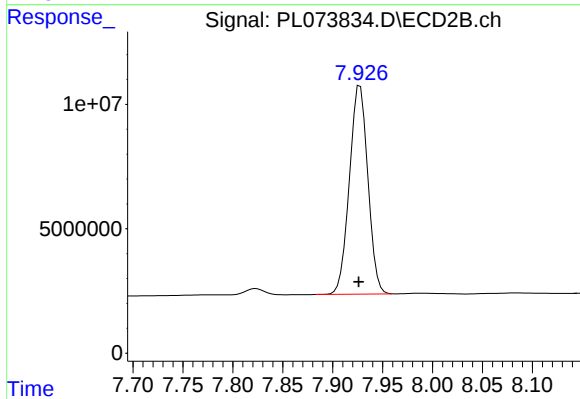
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 122695942
Conc: 56.97 ng/ml



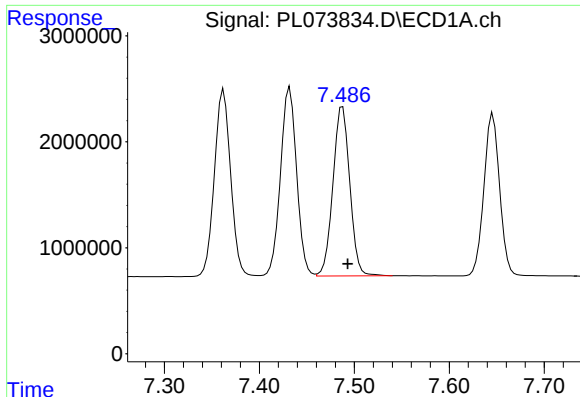
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 20625512
Conc: 47.86 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 107914420
Conc: 54.03 ng/ml



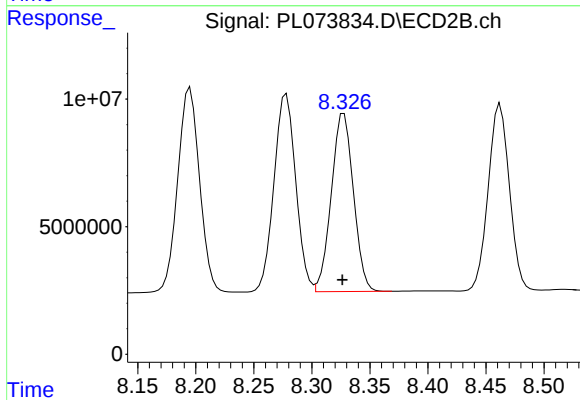
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 19703288
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

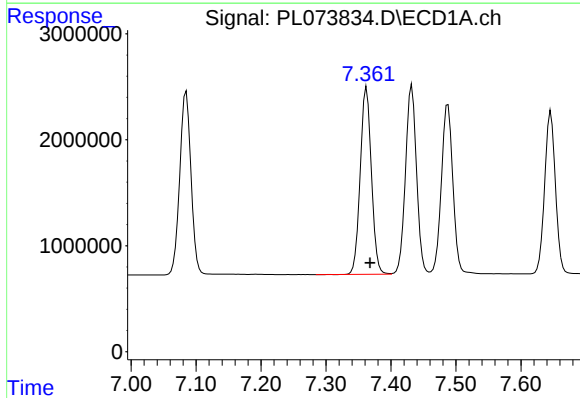
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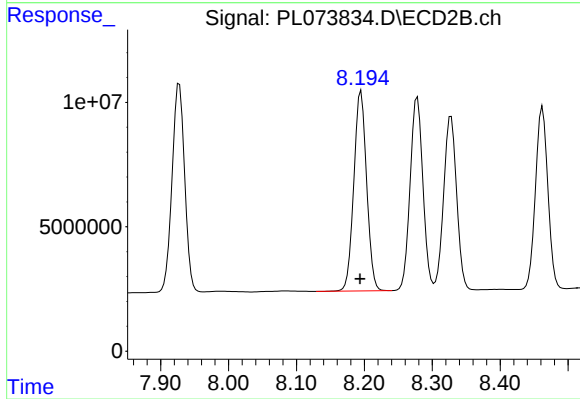
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 92746711
Conc: 50.81 ng/ml



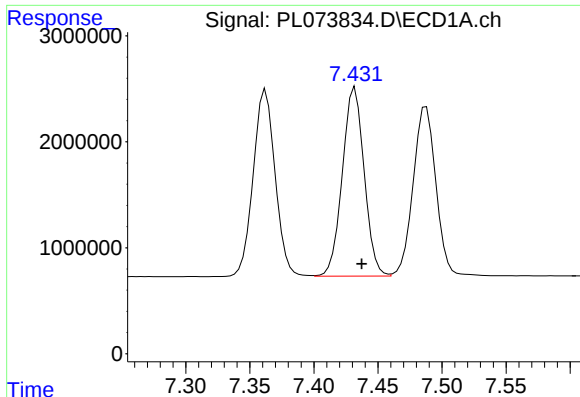
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 20982518
Conc: 47.98 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 105429863
Conc: 51.62 ng/ml



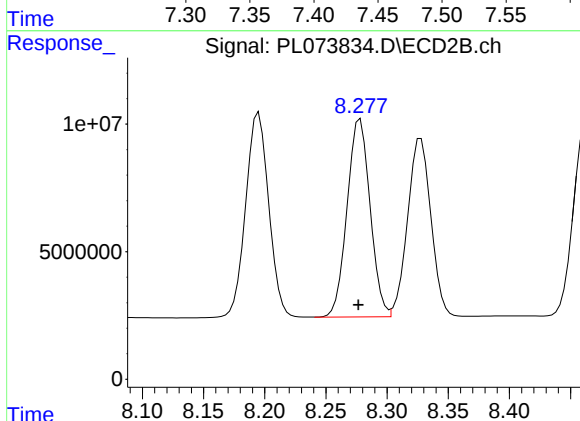
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 21080108
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

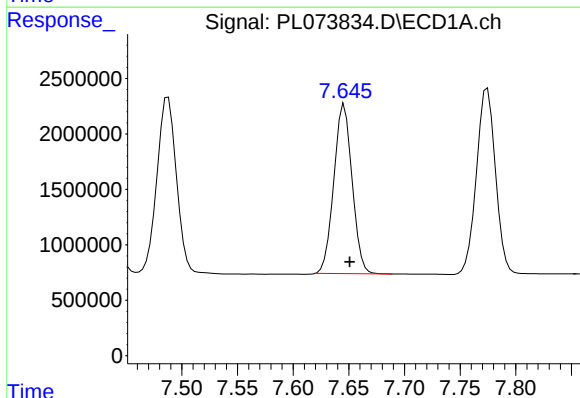
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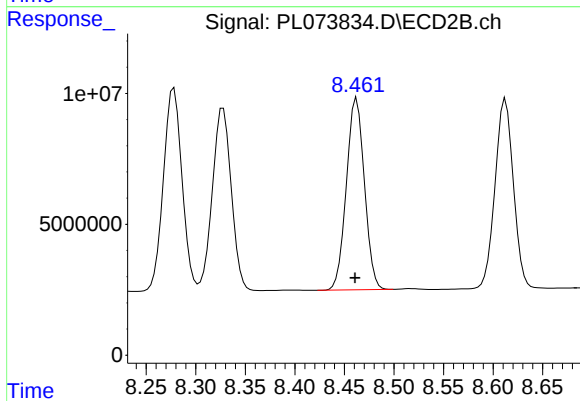
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 101605085
Conc: 50.80 ng/ml



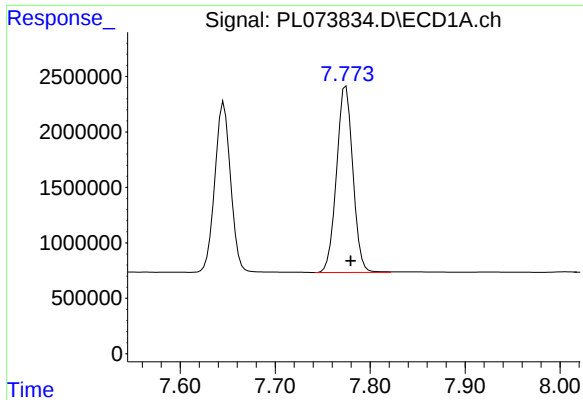
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 17414653
Conc: 48.53 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 92852981
Conc: 51.80 ng/ml



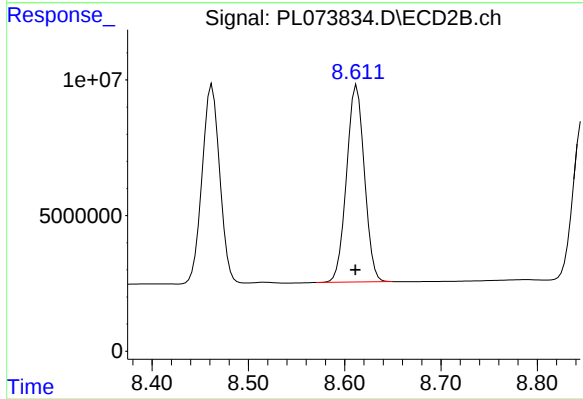
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 20090828
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

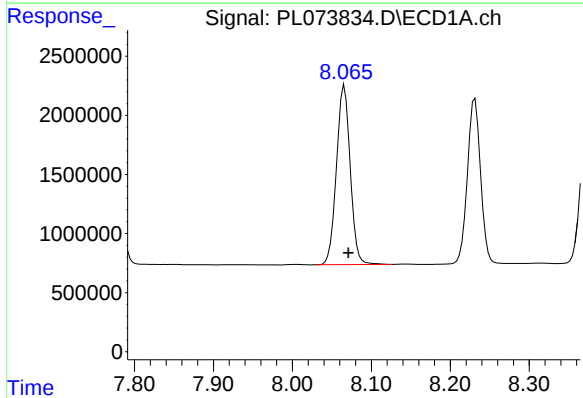
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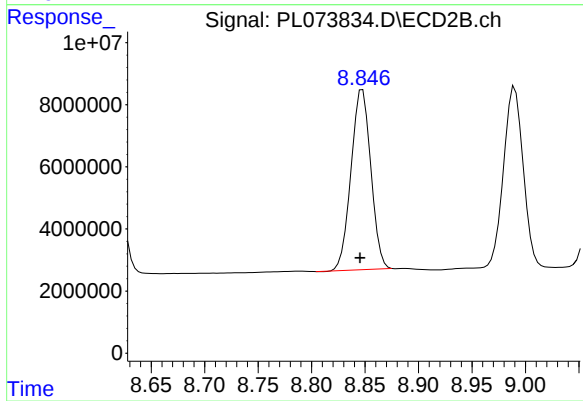
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.001 min
Response: 93116531
Conc: 50.48 ng/ml



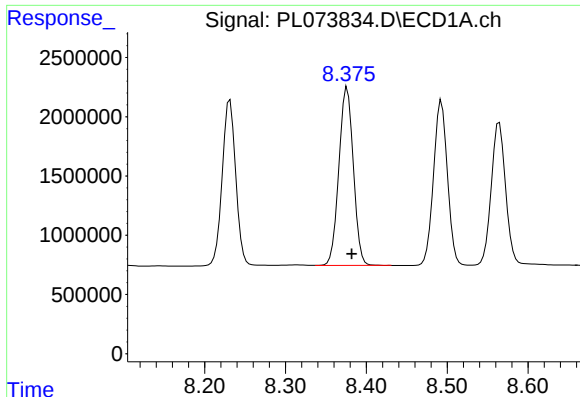
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 18406177
Conc: 47.44 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.002 min
Response: 74887522
Conc: 48.65 ng/ml



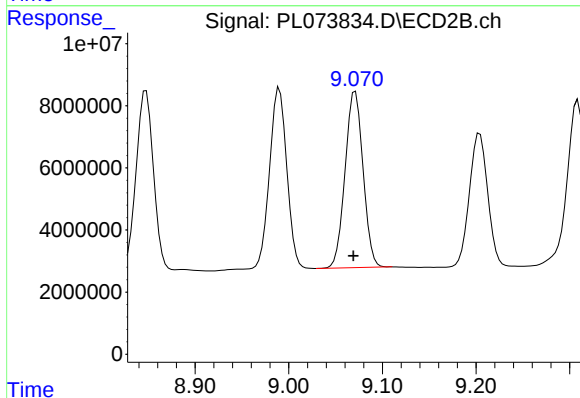
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 18634392
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

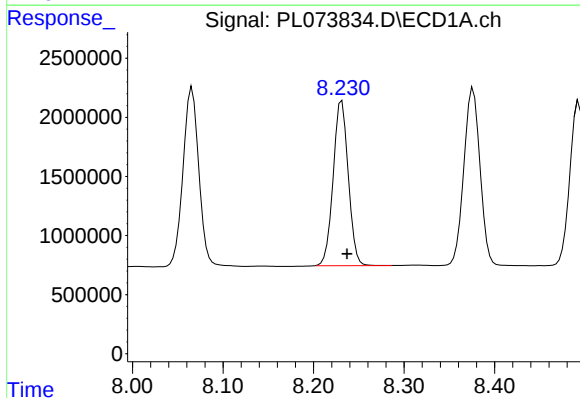
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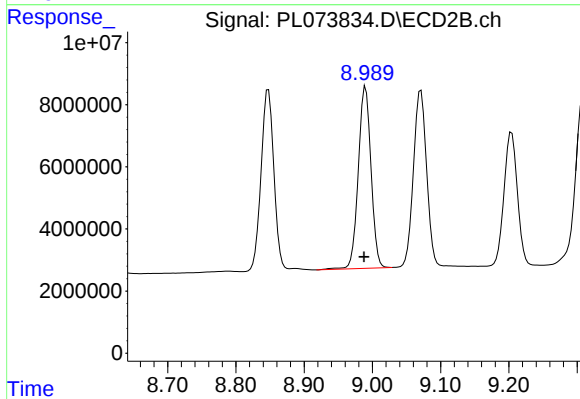
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 75882883
Conc: 49.41 ng/ml



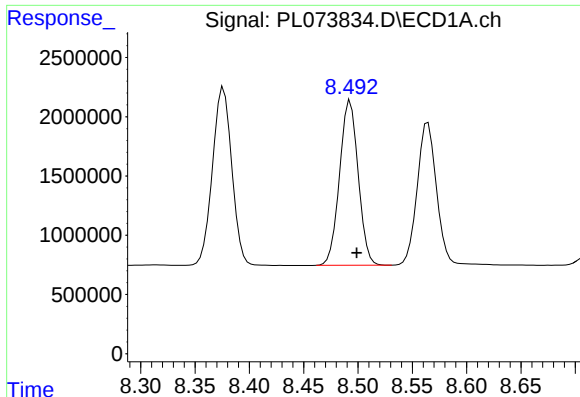
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: -0.006 min
Response: 16175581
Conc: 49.81 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 75962259
Conc: 52.04 ng/ml



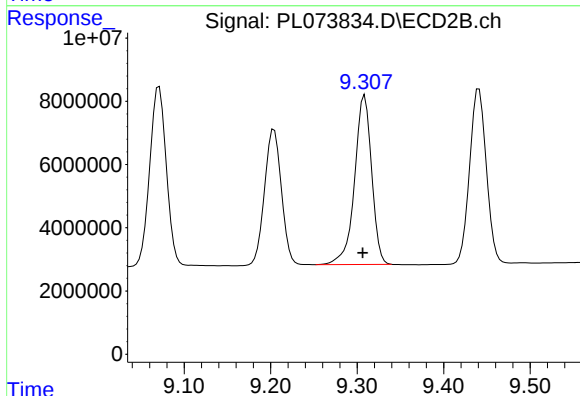
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 16625283
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

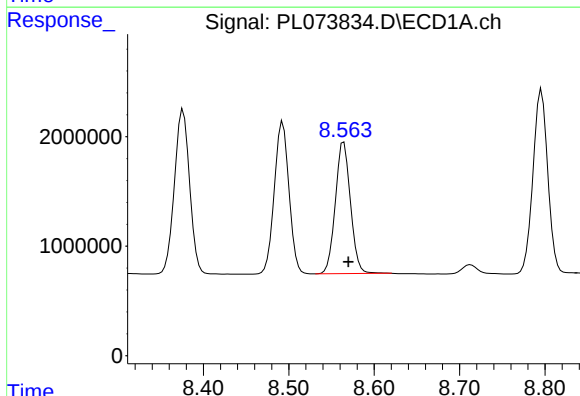
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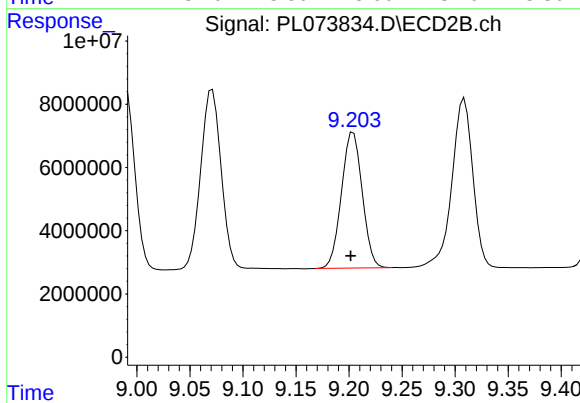
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 73102019
Conc: 44.72 ng/ml



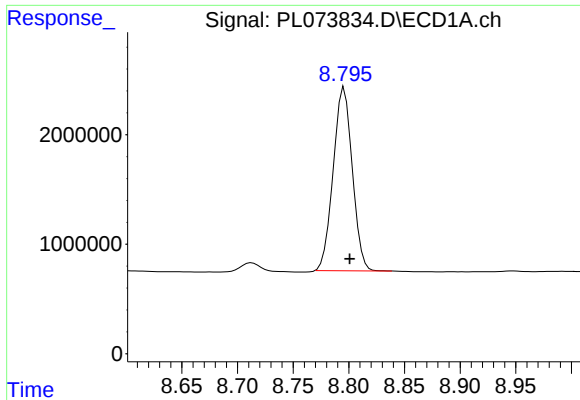
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.005 min
Response: 14792631
Conc: 46.78 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 58372869
Conc: 47.60 ng/ml m



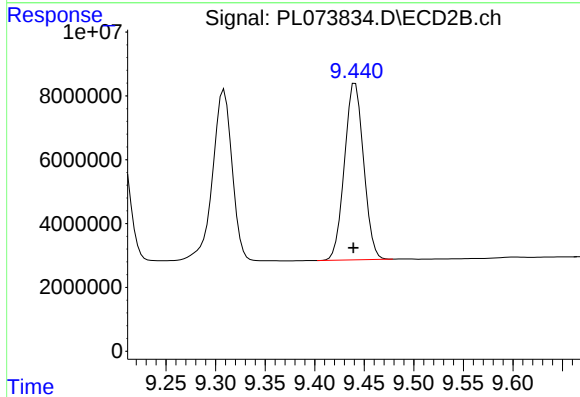
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 19959112
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

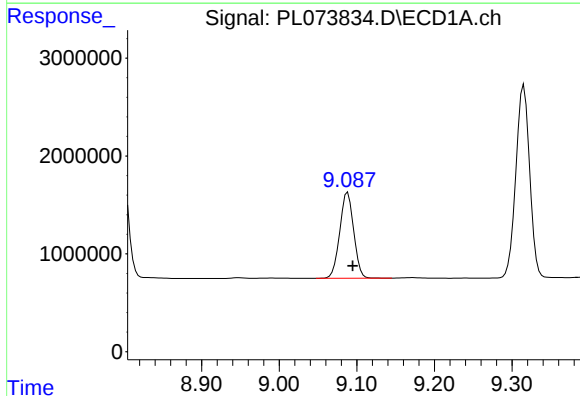
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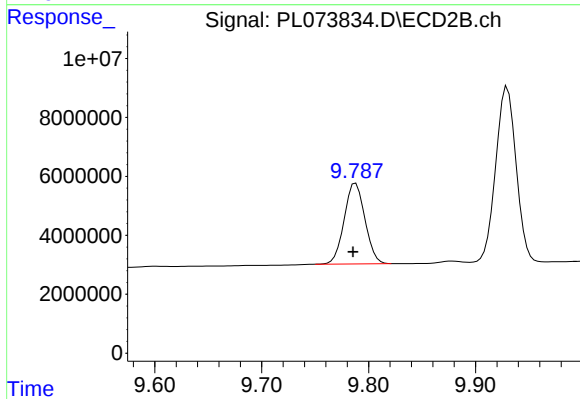
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 74511272
Conc: 47.28 ng/ml



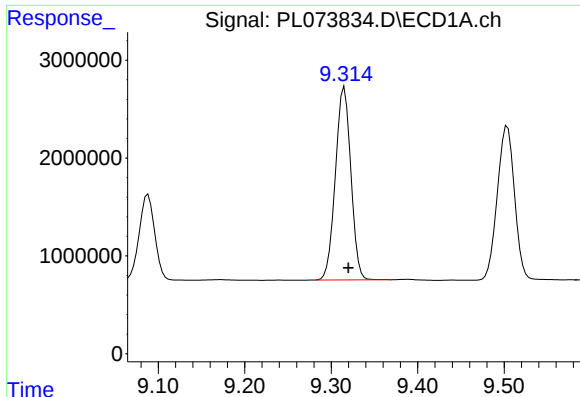
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 10963079
Conc: 42.74 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 37018694
Conc: 41.08 ng/ml



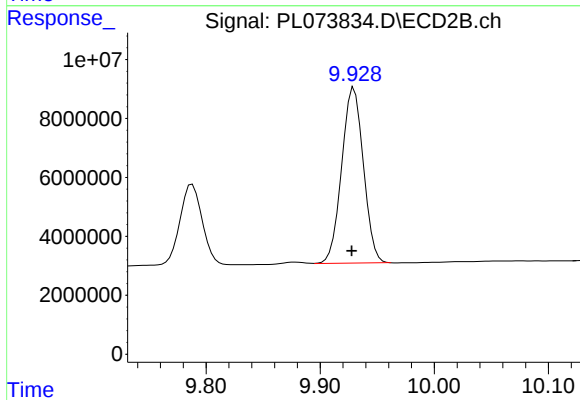
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 24341532
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

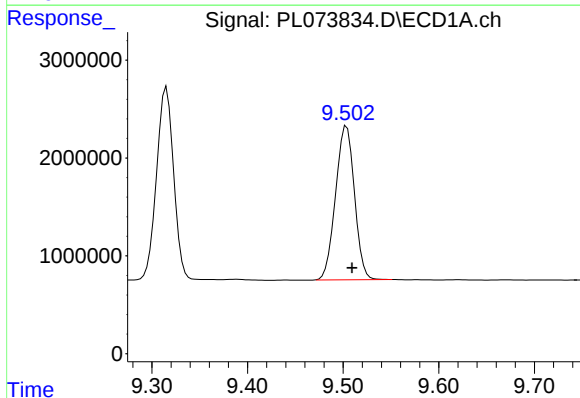
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



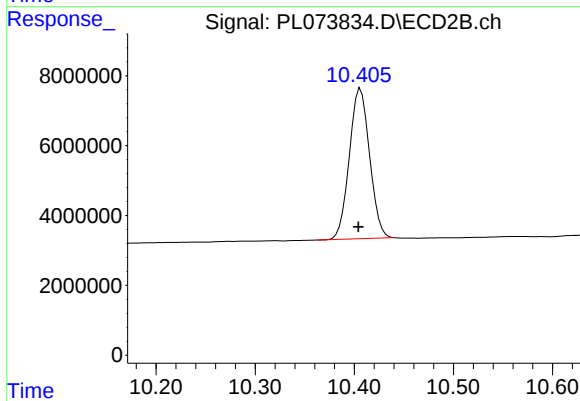
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 78736438
Conc: 47.70 ng/ml



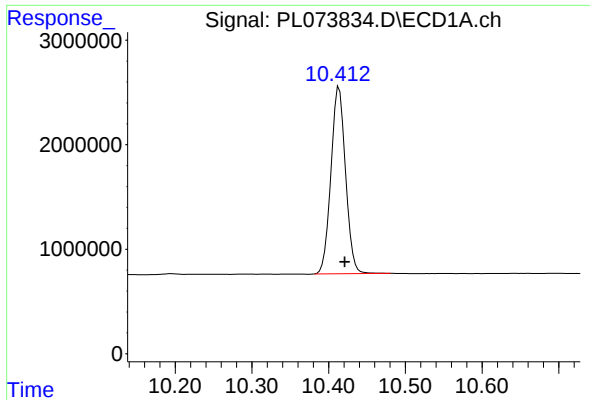
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 21580036
Conc: 45.76 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 61144451
Conc: 45.01 ng/ml



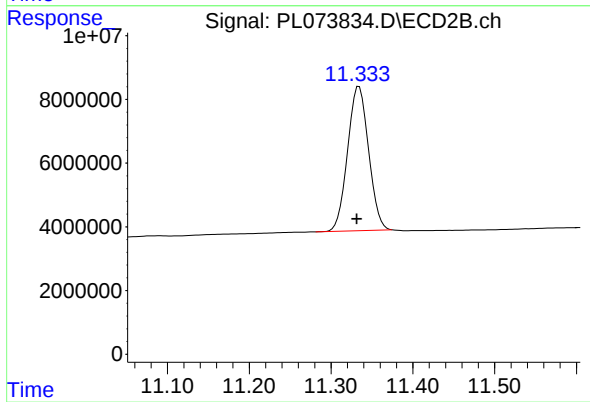
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 23658025
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 80584700
Conc: 45.07 ng/ml