

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2021 17:07
 Operator : AR\AJ
 Sample : PB140837BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140837BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:51:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.567	5.500	10683446	28624662	21.812	22.703
28)	SA Decachlor...	10.328	11.390	14160251	25934286	20.723	19.392
Target Compounds							
2)	A alpha-BHC	5.273	6.081	37720588	108.8E6	56.349	59.128
3)	MA gamma-BHC...	5.695	6.476	36687435	101.4E6	54.693	58.492
4)	MA Heptachlor	6.103	7.123	38310130	100.6E6	53.393	61.917
5)	MB Aldrin	6.426	7.493	35029144	92915319	54.779	57.220
6)	B beta-BHC	6.077	6.733	17547875	48248196	54.021	56.310
7)	B delta-BHC	6.337	6.999	36826076	99964586	55.644	59.778
8)	B Heptachlo...	7.003	7.959	34987945	86876711	53.815	57.000
9)	A Endosulfan I	7.405	8.364	32874525	79677504	53.667	55.385
10)	B gamma-Chl...	7.280	8.229	35811726	87177525	53.948	56.303
11)	B alpha-Chl...	7.350	8.309	35629609	85077214	53.469	55.936
12)	B 4,4'-DDE	7.565	8.499	32337541	85518054	55.503	57.958
13)	MA Dieldrin	7.691	8.653	34680340	84686961	55.559	58.119
14)	MA Endrin	7.982	8.892	31478706	69687884	55.521	60.164
15)	B Endosulfa...	8.293	9.127	31407302	69045740	51.883	56.532
16)	A 4,4'-DDD	8.150	9.039	29575757	67107496	58.209	55.763
17)	MA 4,4'-DDT	8.410	9.355	27935993	61971406	50.795	49.122
18)	B Endrin al...	8.482	9.262	27652425	58874979	60.866	60.881
19)	B Endosulfa...	8.712	9.499	33617209	67950836	54.495	54.826
20)	A Methoxychlor	9.005	9.842	17637330	33100013	48.210m	48.906
21)	B Endrin ke...	9.231	9.995	39292399	74785693	54.950	52.098
22)	Mirex	9.414	10.459	32533752	53833610	52.975	51.683

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
Data File : PL071027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2021 17:07
Operator : AR\AJ
Sample : PB140837BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

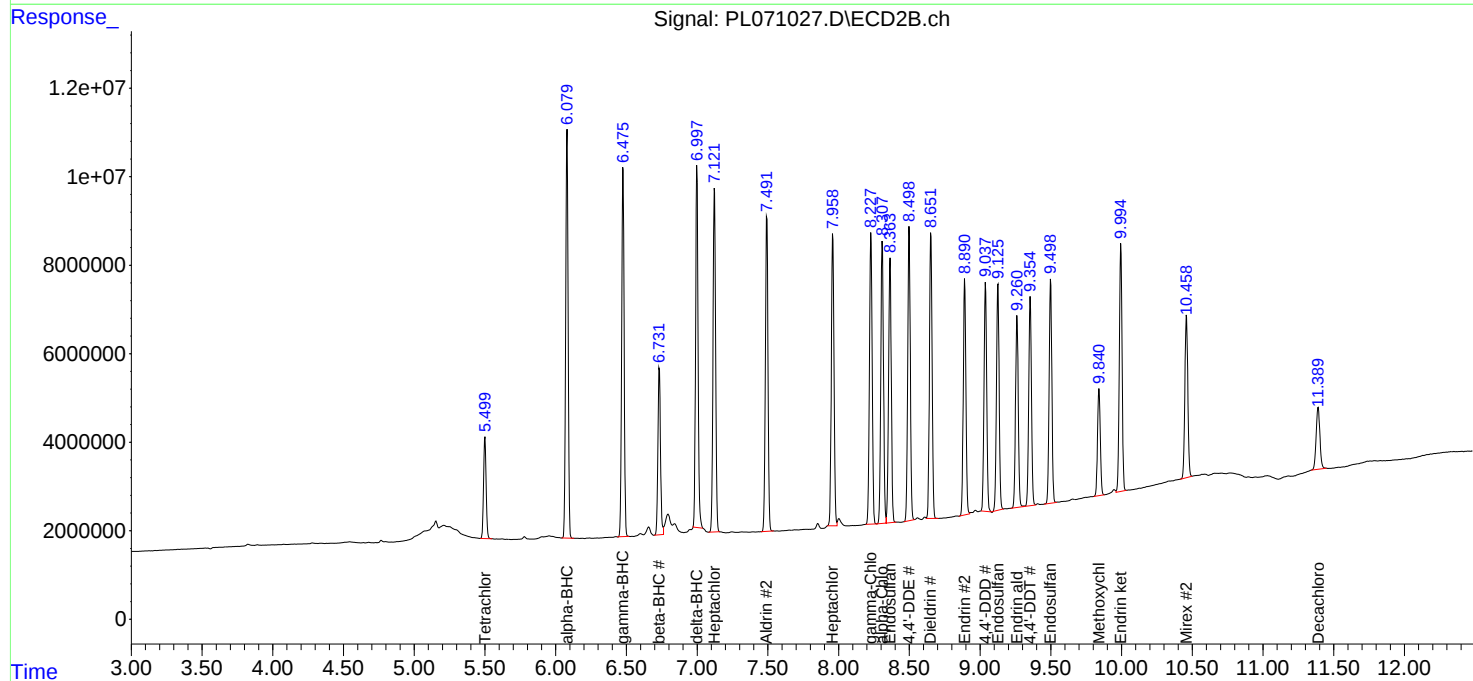
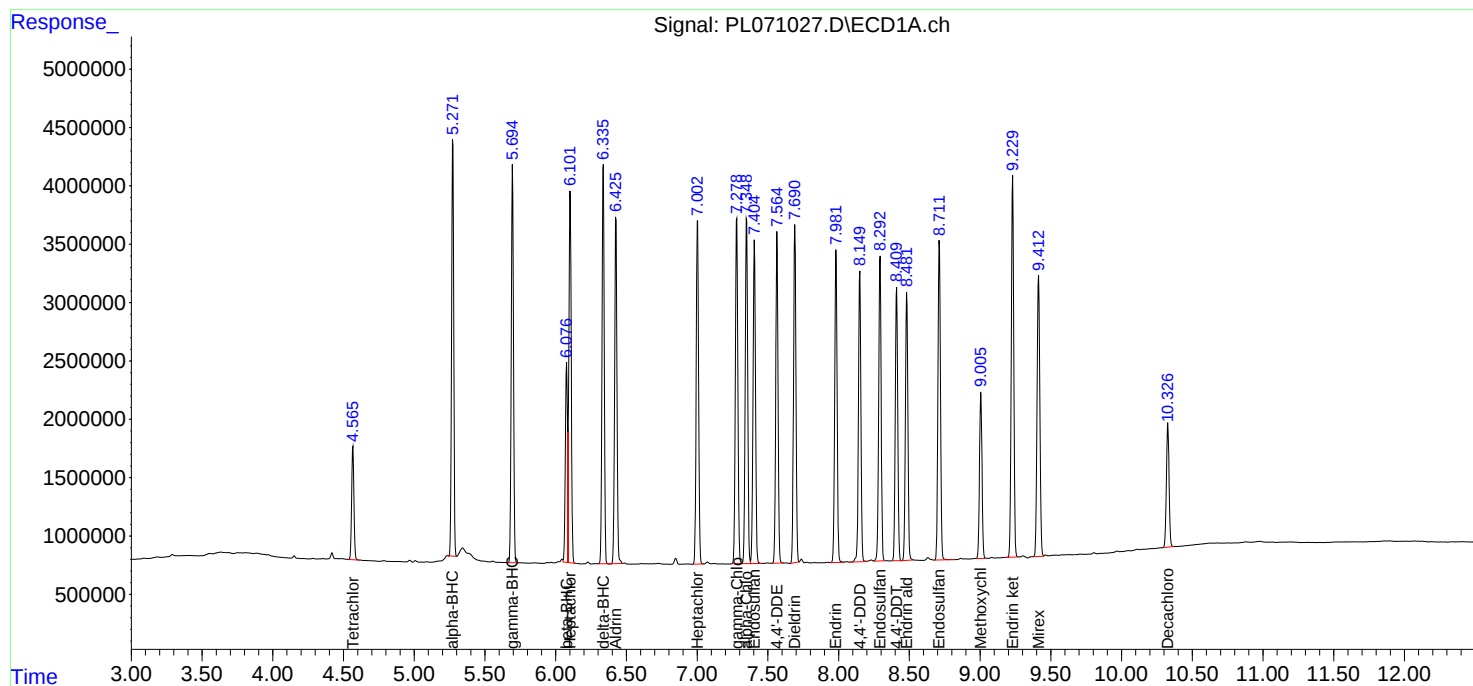
Instrument :
ECD_L
ClientSampleId :
PB140837BS

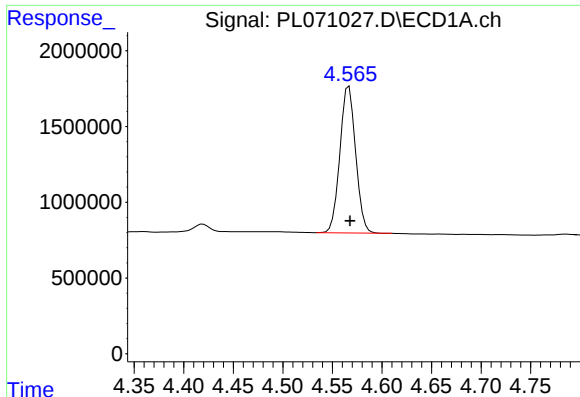
Manual Integrations
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Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 00:51:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
QLast Update : Thu Nov 04 19:28:07 2021
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





#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 10683446
Conc: 21.81 ng/ml

Instrument :

ECD_L

ClientSampleId :

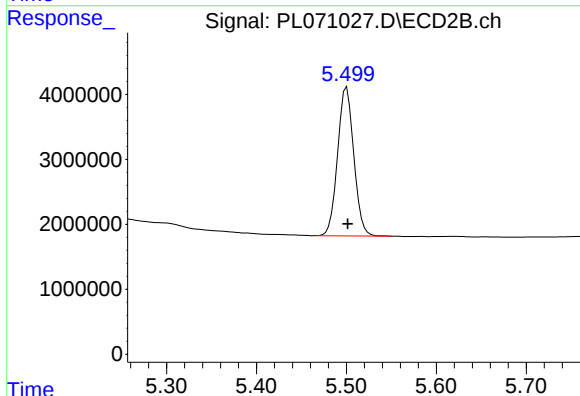
PB140837BS

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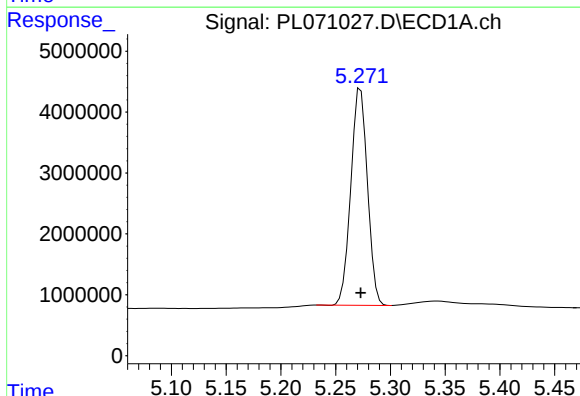
Reviewed By :Abdul Mirza 11/18/2021

Supervised By :mohammad ahmed 11/18/2021



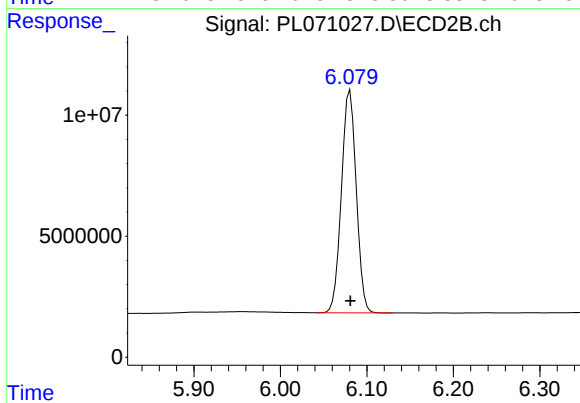
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 28624662
Conc: 22.70 ng/ml



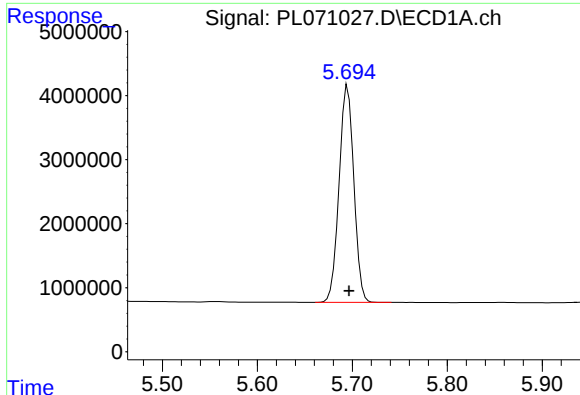
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 37720588
Conc: 56.35 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 108843479
Conc: 59.13 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 36687435
Conc: 54.69 ng/ml

Instrument :

ECD_L

ClientSampleId :

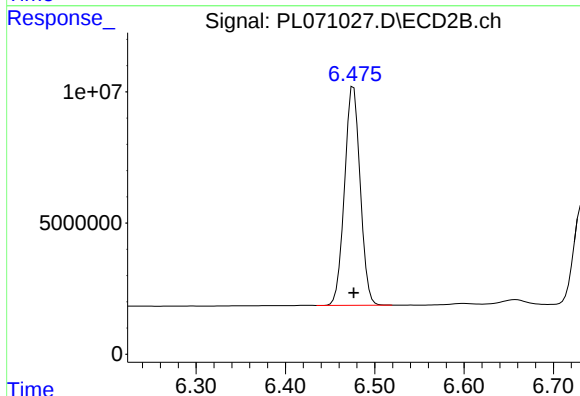
PB140837BS

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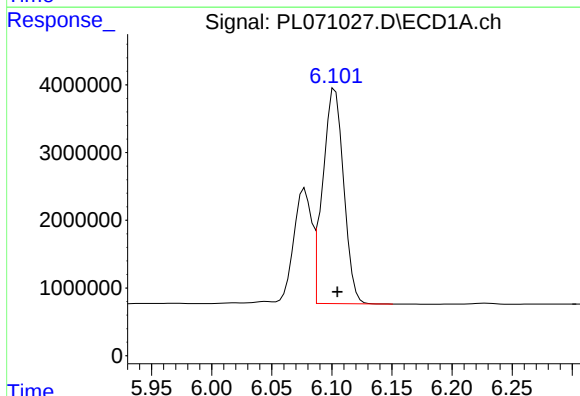
Reviewed By :Abdul Mirza 11/18/2021

Supervised By :mohammad ahmed 11/18/2021



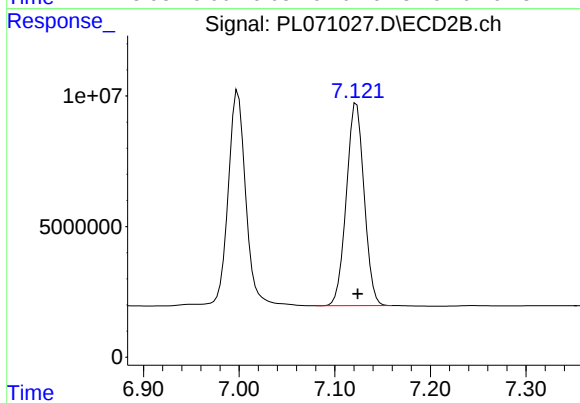
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 101428955
Conc: 58.49 ng/ml



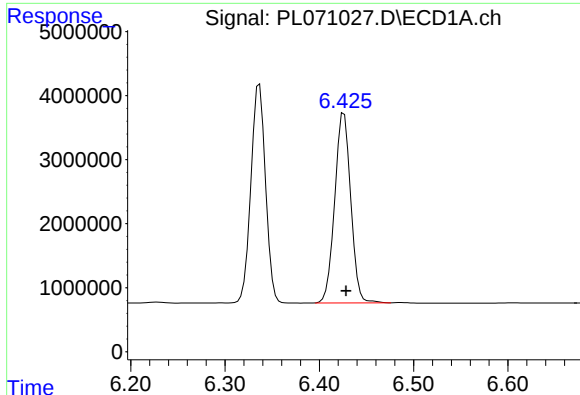
#4 Heptachlor

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 38310130
Conc: 53.39 ng/ml



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: -0.001 min
Response: 100570739
Conc: 61.92 ng/ml



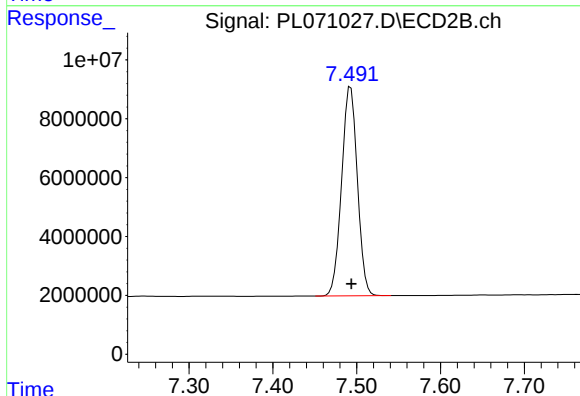
#5 Aldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 35029144
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

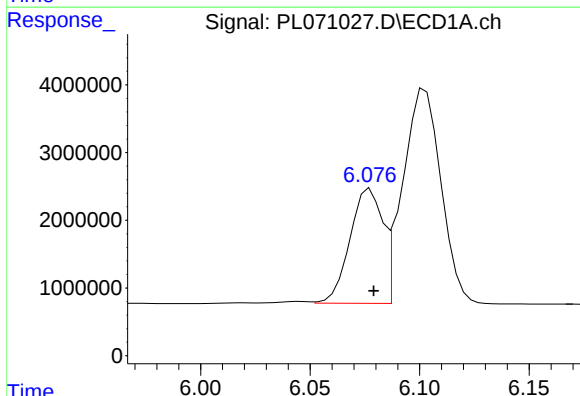
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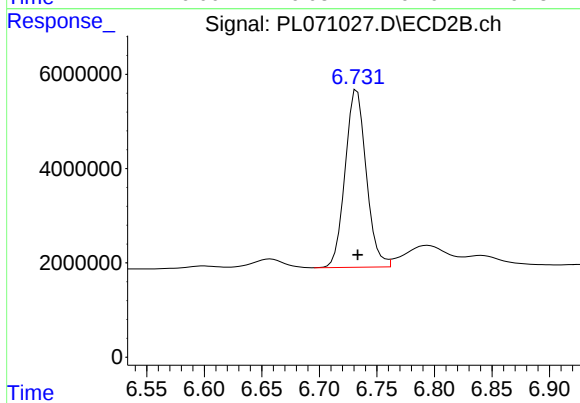
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 92915319
Conc: 57.22 ng/ml



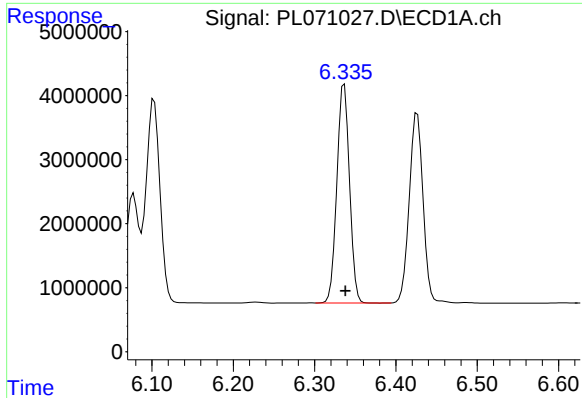
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 17547875
Conc: 54.02 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 48248196
Conc: 56.31 ng/ml



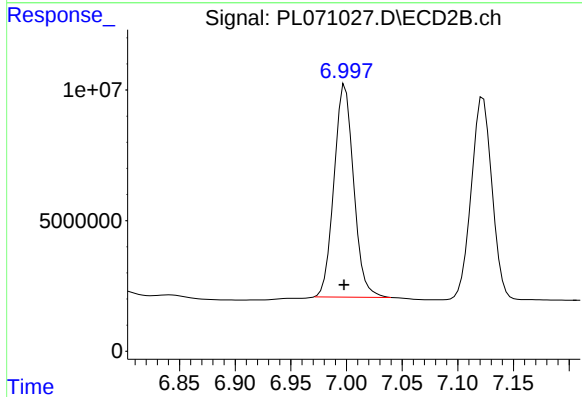
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 36826076
Conc: 55.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

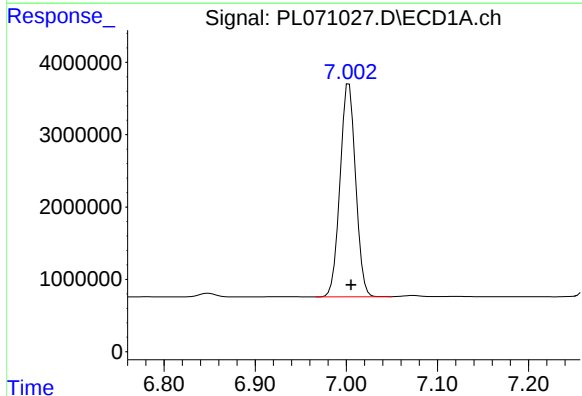
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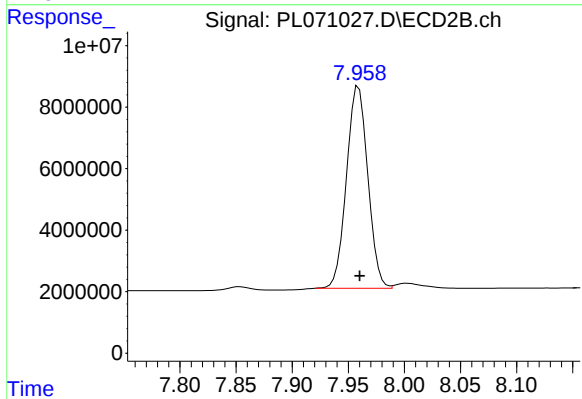
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.001 min
Response: 99964586
Conc: 59.78 ng/ml



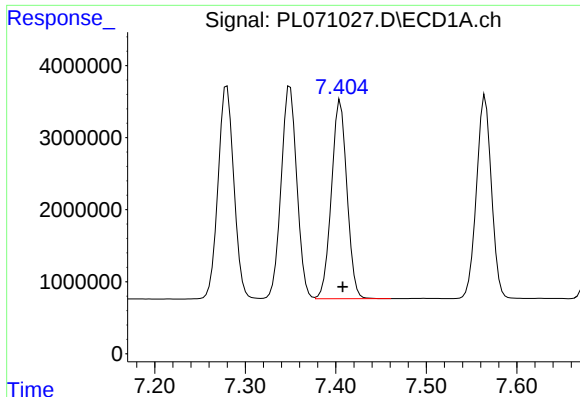
#8 Heptachlor epoxide

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 34987945
Conc: 53.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 86876711
Conc: 57.00 ng/ml



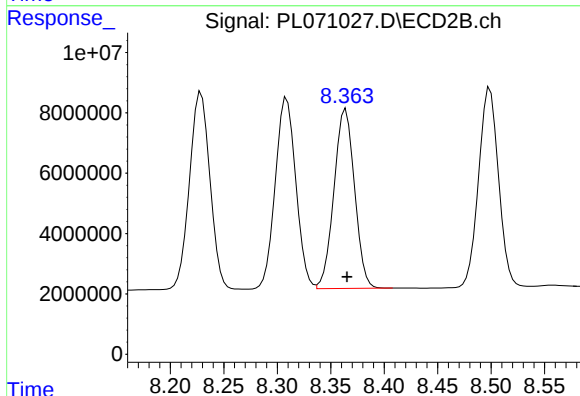
#9 Endosulfan I

R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 32874525
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

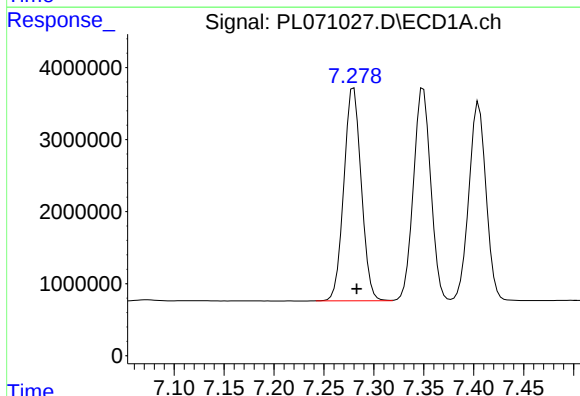
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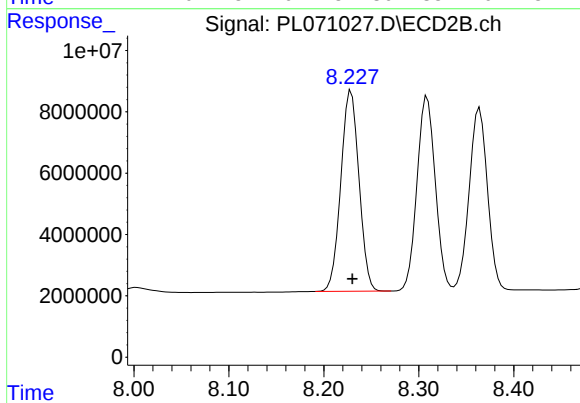
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: -0.001 min
Response: 79677504
Conc: 55.38 ng/ml



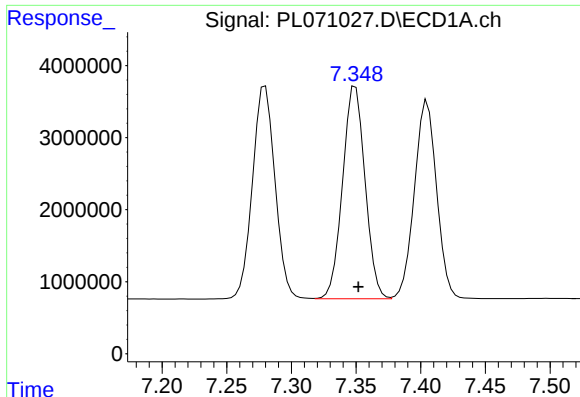
#10 gamma-Chlordane

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 35811726
Conc: 53.95 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 87177525
Conc: 56.30 ng/ml



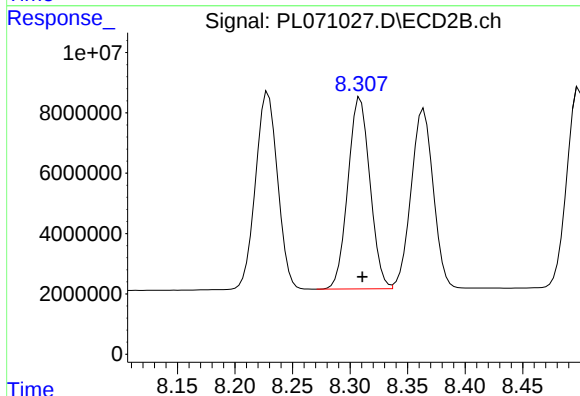
#11 alpha-Chlordane

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 35629609
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

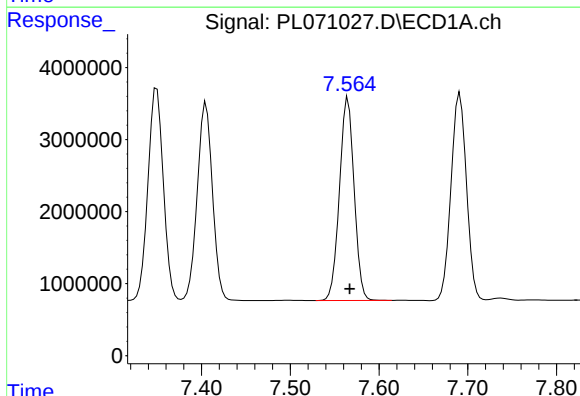
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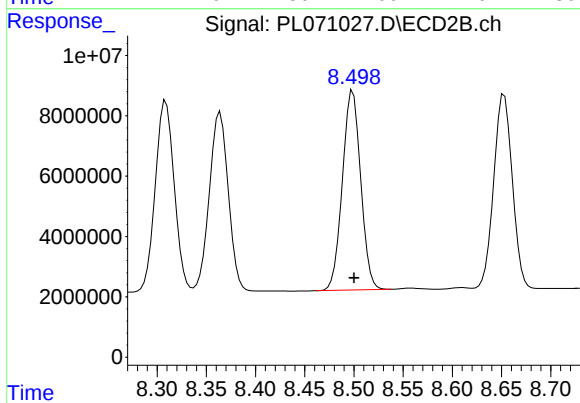
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 85077214
Conc: 55.94 ng/ml



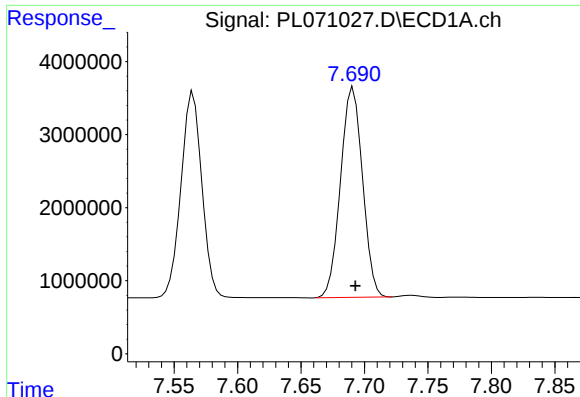
#12 4,4'-DDE

R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 32337541
Conc: 55.50 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 85518054
Conc: 57.96 ng/ml



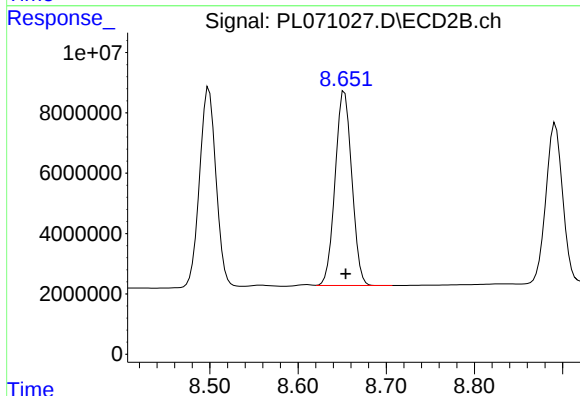
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 34680340
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

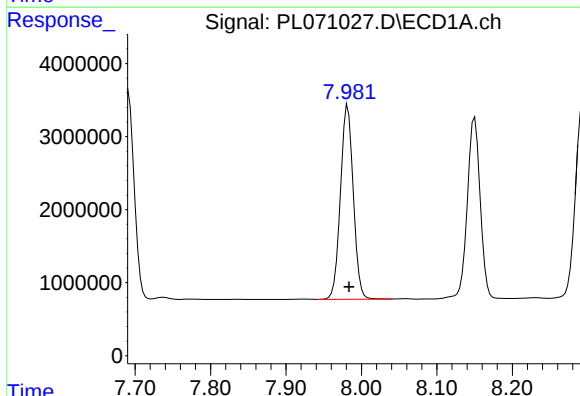
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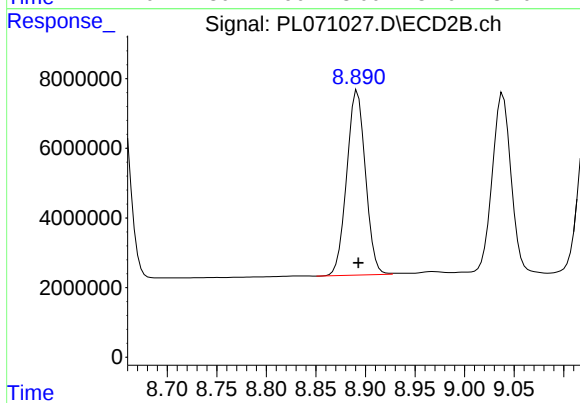
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: -0.002 min
Response: 84686961
Conc: 58.12 ng/ml



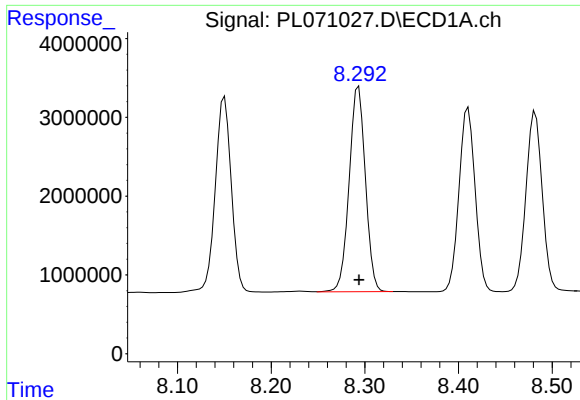
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 31478706
Conc: 55.52 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 69687884
Conc: 60.16 ng/ml



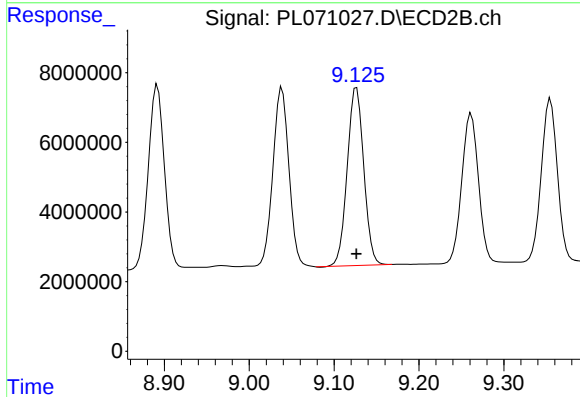
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 31407302
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

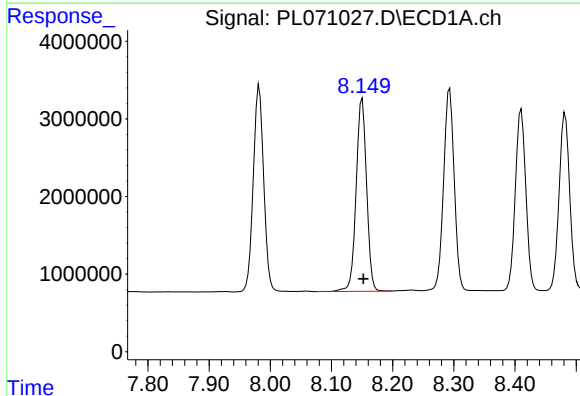
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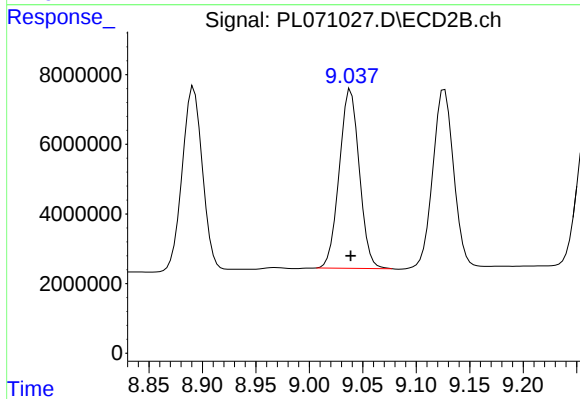
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 69045740
Conc: 56.53 ng/ml



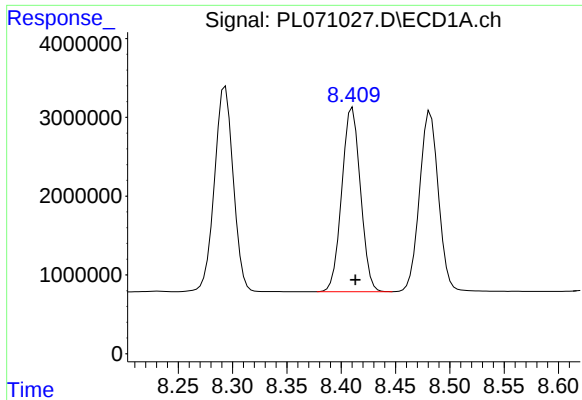
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 29575757
Conc: 58.21 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 67107496
Conc: 55.76 ng/ml



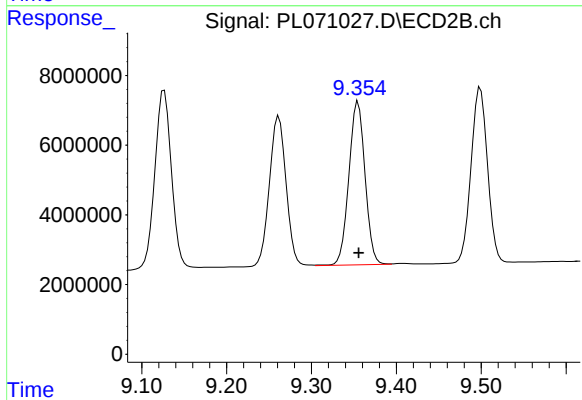
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 27935993
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

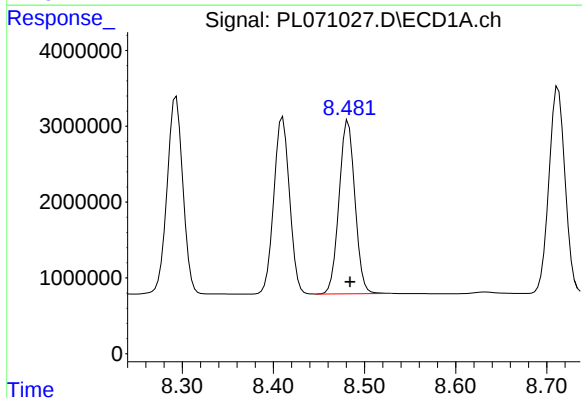
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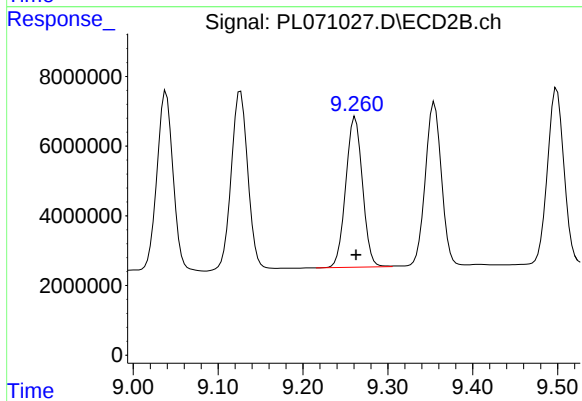
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 61971406
Conc: 49.12 ng/ml



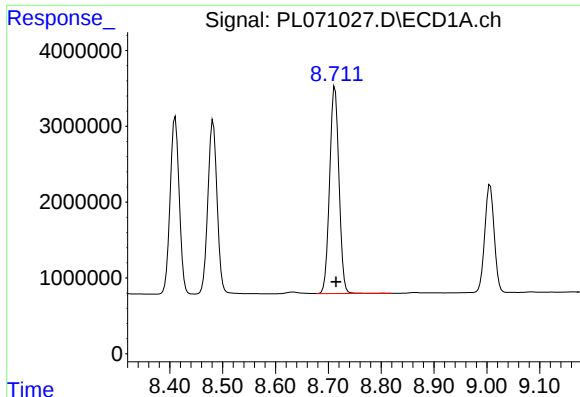
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 27652425
Conc: 60.87 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 58874979
Conc: 60.88 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 33617209
Conc: 54.49 ng/ml

Instrument :

ECD_L

ClientSampleId :

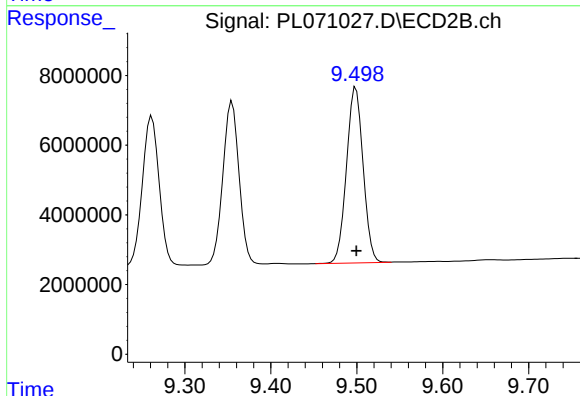
PB140837BS

Manual Integrations

APPROVED

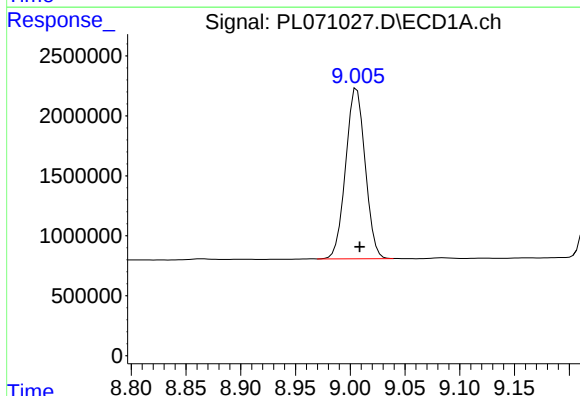
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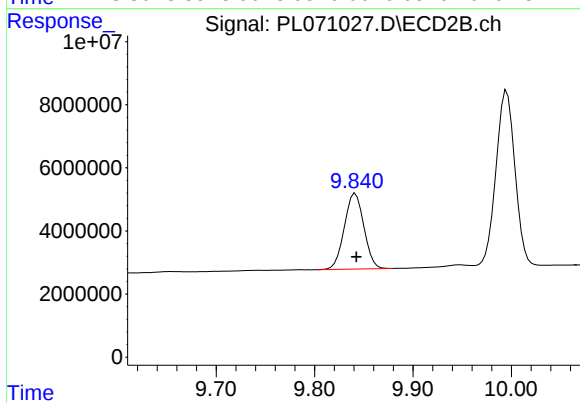
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 67950836
Conc: 54.83 ng/ml



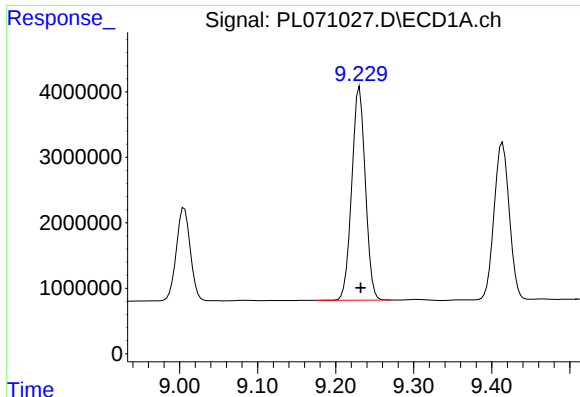
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.004 min
Response: 17637330
Conc: 48.21 ng/ml m



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 33100013
Conc: 48.91 ng/ml



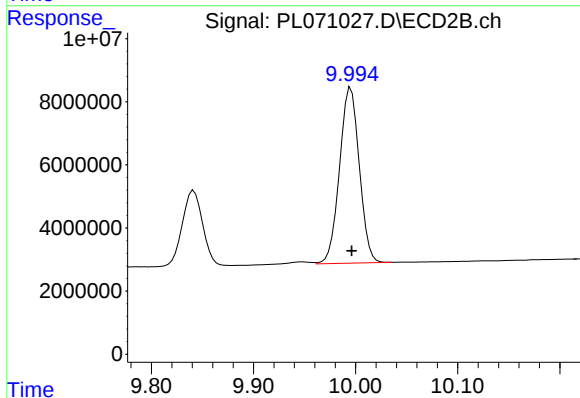
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: -0.002 min
Response: 39292399
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

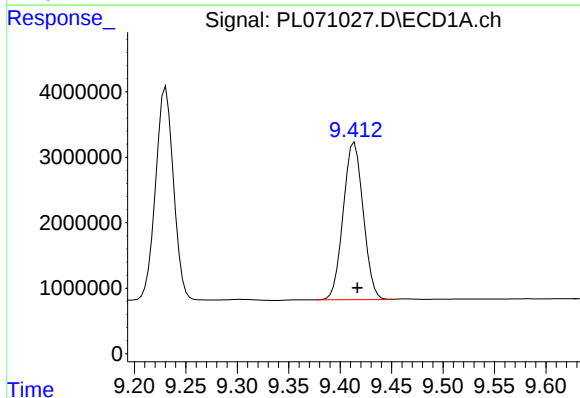
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



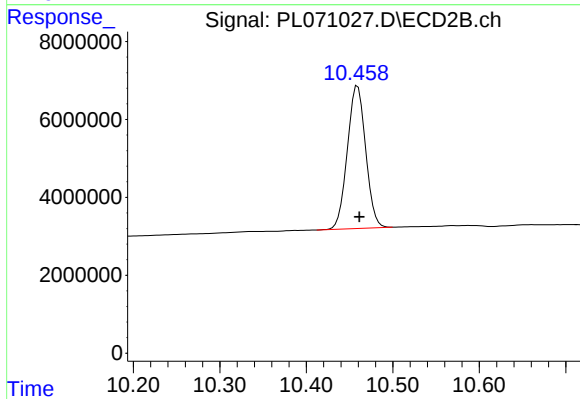
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.000 min
Response: 74785693
Conc: 52.10 ng/ml



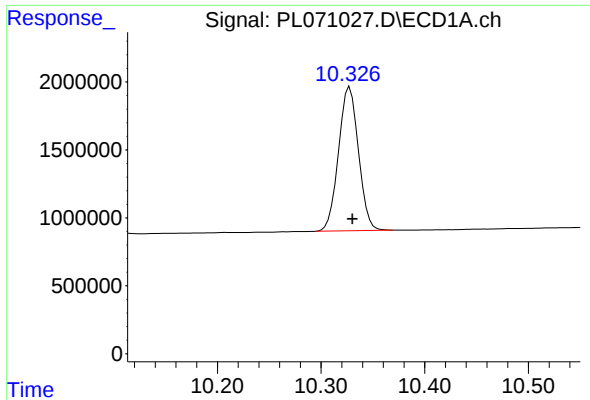
#22 Mirex

R.T.: 9.414 min
Delta R.T.: -0.003 min
Response: 32533752
Conc: 52.97 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.002 min
Response: 53833610
Conc: 51.68 ng/ml



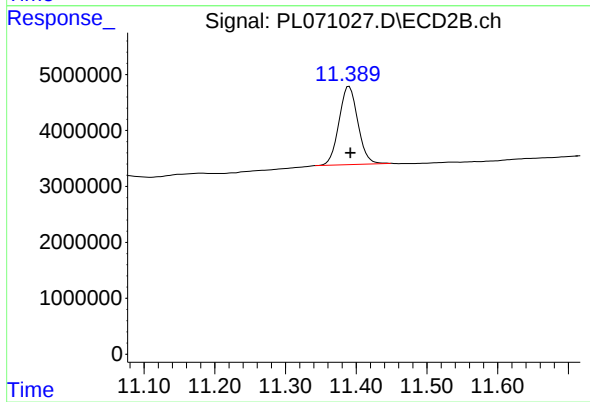
#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 14160251
Conc: 20.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

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#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 25934286
Conc: 19.39 ng/ml