

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 16:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:45:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 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...	4.587	5.515	24633211	67280051	54.630	48.366
28)	SA Decachlor...	10.349	11.419	31302974	65892228	52.435	46.093
Target Compounds							
2)	A alpha-BHC	5.293	6.095	35888448	100.9E6	55.951	47.625m
3)	MA gamma-BHC...	5.716	6.492	34205730	95766761	54.913	48.157
4)	MA Heptachlor	6.124	7.141	36917836	95796810	54.818	46.848
5)	MB Aldrin	6.448	7.512	33136791	88601474	55.981	46.806
6)	B beta-BHC	6.098	6.749	16882614	46761023	53.336	47.027
7)	B delta-BHC	6.357	7.016	34230835	103.5E6	56.153	45.686
8)	B Heptachlo...	7.025	7.978	32556454	82445827	54.403	47.183
9)	A Endosulfan I	7.427	8.383	30753478	76420202	54.682	45.363
10)	B gamma-Chl...	7.302	8.248	33204034	81724629	54.726	44.932
11)	B alpha-Chl...	7.372	8.329	33206065	81082658	54.641	45.517
12)	B 4,4'-DDE	7.586	8.518	29508408	82397923	56.622	45.662
13)	MA Dieldrin	7.713	8.673	31865892	78865695	55.514	44.762
14)	MA Endrin	8.004	8.912	29491672	68348942	54.916	45.132
15)	B Endosulfa...	8.315	9.147	29113473	67055715	50.994	44.790
16)	A 4,4'-DDD	8.172	9.057	25816578	65925861	56.584	41.006 #
17)	MA 4,4'-DDT	8.431	9.374	28929809	71168878	55.750	44.026
18)	B Endrin al...	8.503	9.281	23031038	51528533	53.992	43.756
19)	B Endosulfa...	8.733	9.519	30736930	65666819	54.531	43.811
20)	A Methoxychlor	9.027	9.861	18017969	35961015	54.232	42.956
21)	B Endrin ke...	9.252	10.016	35049838	72244692	55.264	44.212
22)	Mirex	9.436	10.481	29717683	51908870	52.283	43.406

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

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 Acq On : 02 Nov 2021 16:36
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ECD_L

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PSTDCCC050

Manual Integrations

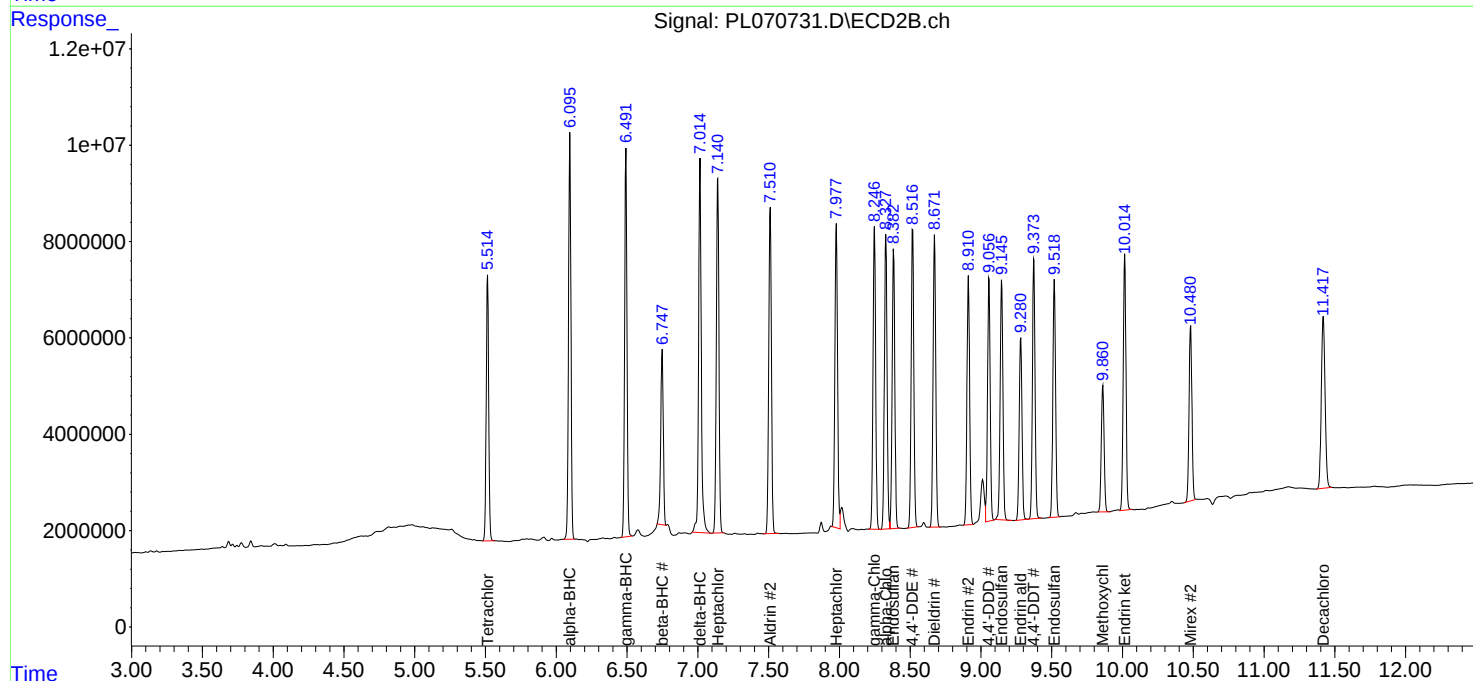
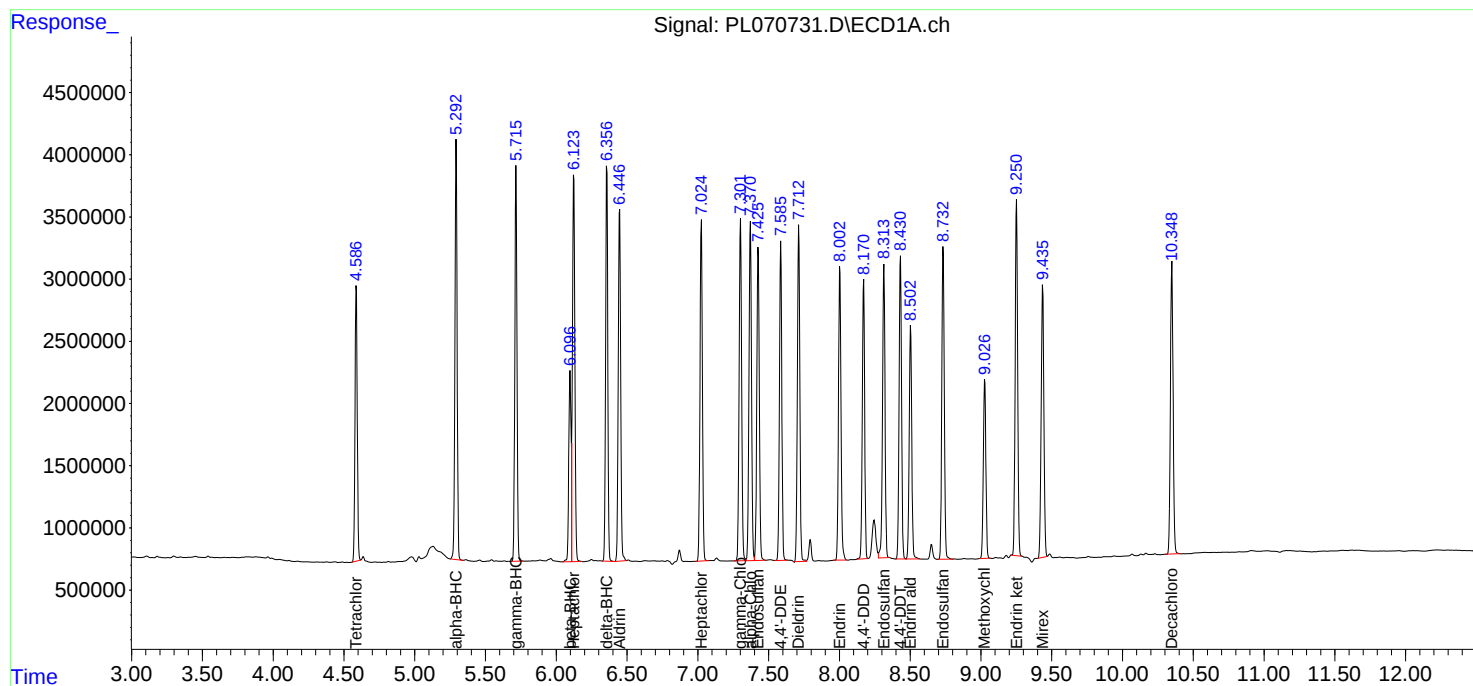
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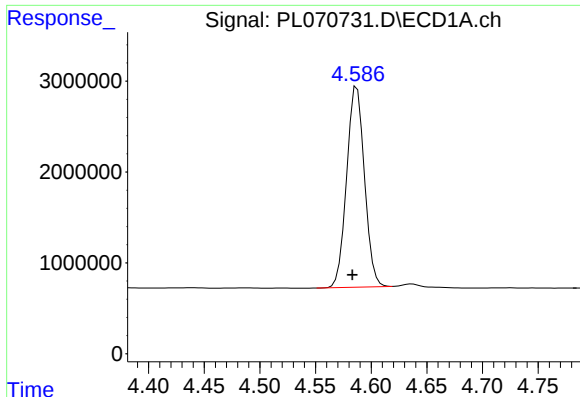
Reviewed By :Abdul Mirza 11/03/2021

Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:45:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.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





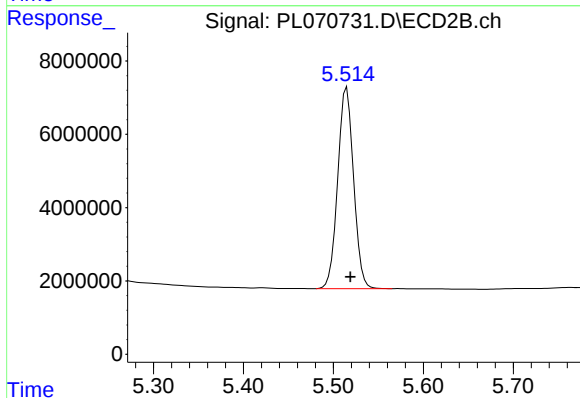
#1 Tetrachloro-m-xylene

R.T.: 4.587 min
Delta R.T.: 0.004 min
Response: 24633211
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

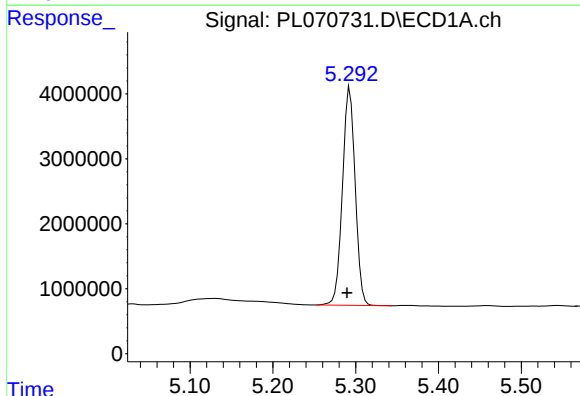
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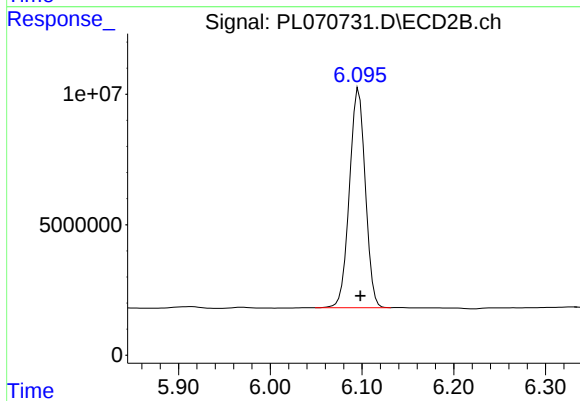
#1 Tetrachloro-m-xylene

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 67280051
Conc: 48.37 ng/ml



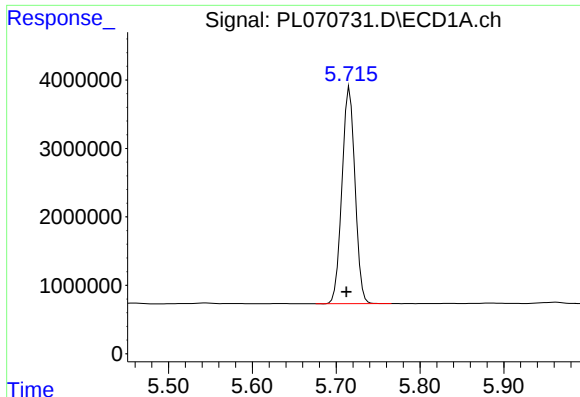
#2 alpha-BHC

R.T.: 5.293 min
Delta R.T.: 0.004 min
Response: 35888448
Conc: 55.95 ng/ml



#2 alpha-BHC

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 100940509
Conc: 47.62 ng/ml m



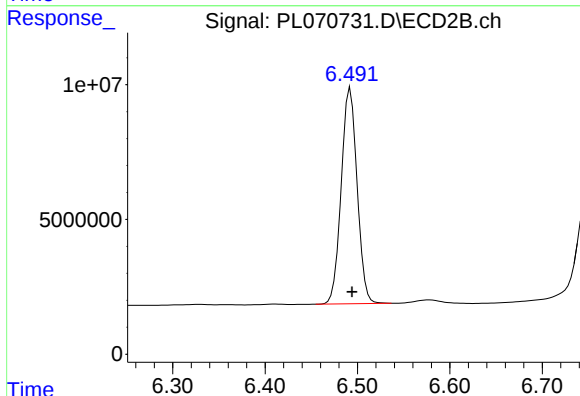
#3 gamma-BHC (Lindane)

R.T.: 5.716 min
Delta R.T.: 0.004 min
Response: 34205730
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

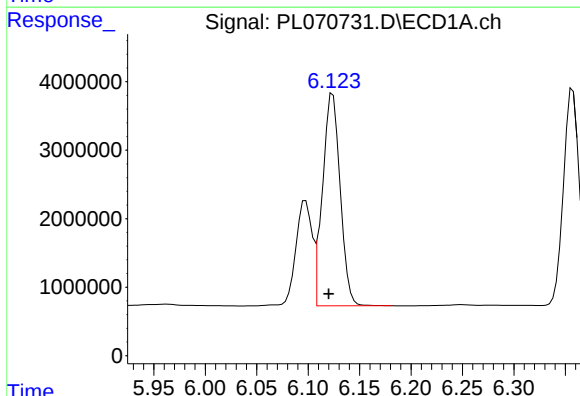
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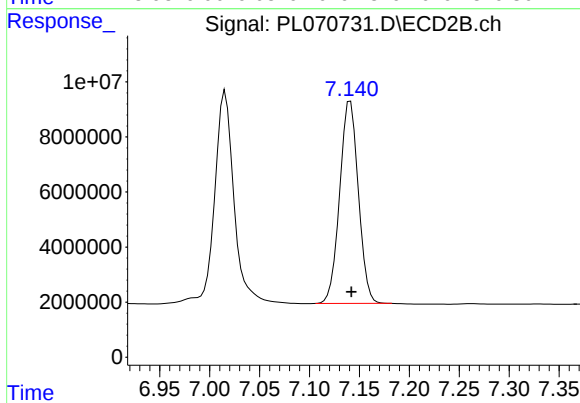
#3 gamma-BHC (Lindane)

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 95766761
Conc: 48.16 ng/ml



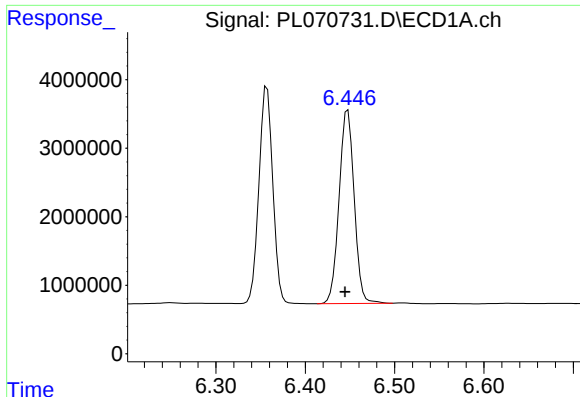
#4 Heptachlor

R.T.: 6.124 min
Delta R.T.: 0.004 min
Response: 36917836
Conc: 54.82 ng/ml



#4 Heptachlor

R.T.: 7.141 min
Delta R.T.: -0.001 min
Response: 95796810
Conc: 46.85 ng/ml



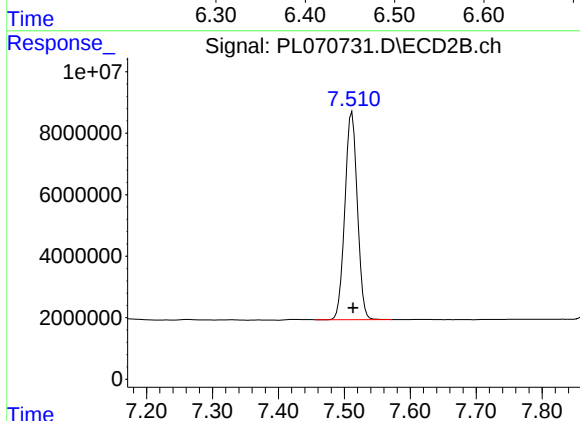
#5 Aldrin

R.T.: 6.448 min
Delta R.T.: 0.003 min
Response: 33136791
Conc: 55.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

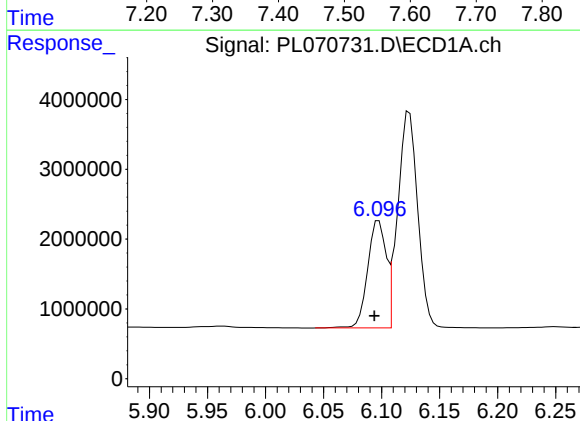
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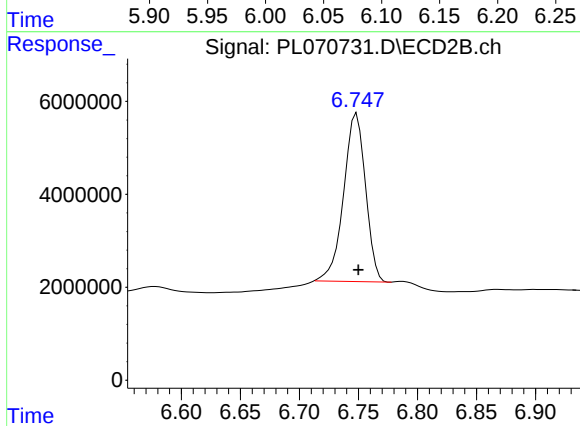
#5 Aldrin

R.T.: 7.512 min
Delta R.T.: -0.001 min
Response: 88601474
Conc: 46.81 ng/ml



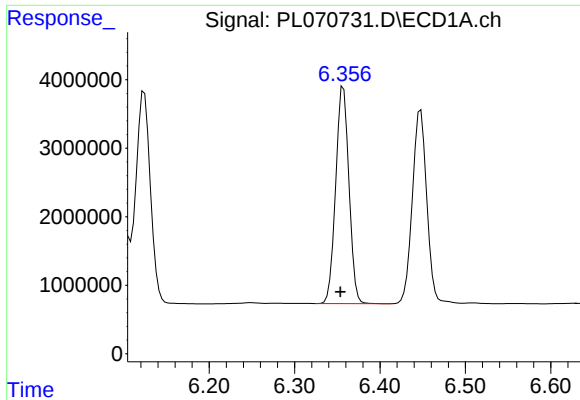
#6 beta-BHC

R.T.: 6.098 min
Delta R.T.: 0.004 min
Response: 16882614
Conc: 53.34 ng/ml



#6 beta-BHC

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 46761023
Conc: 47.03 ng/ml



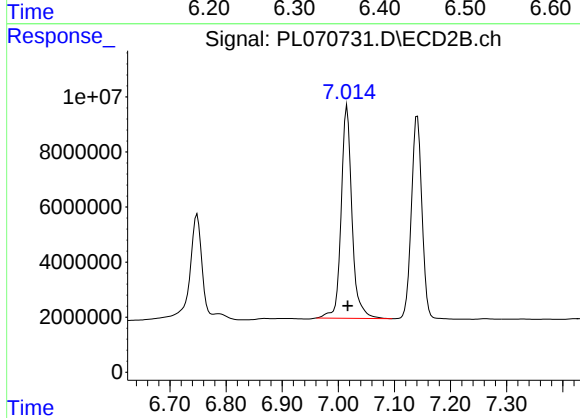
#7 delta-BHC

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 34230835
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

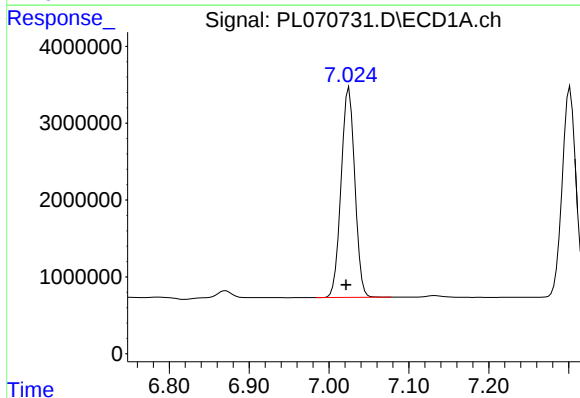
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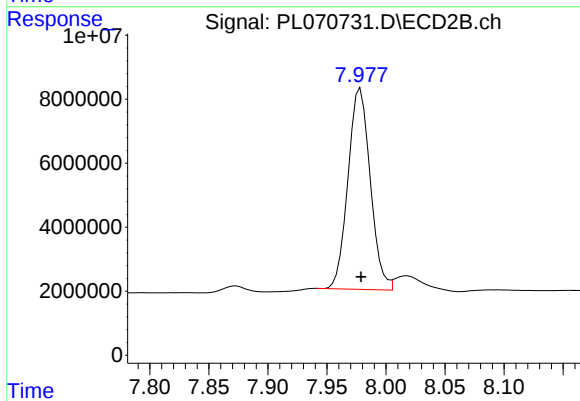
#7 delta-BHC

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 103457569
Conc: 45.69 ng/ml



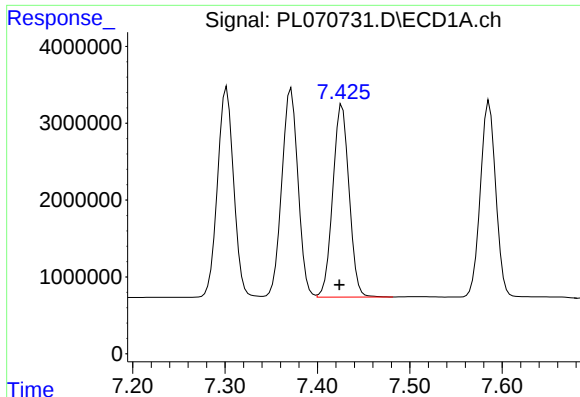
#8 Heptachlor epoxide

R.T.: 7.025 min
Delta R.T.: 0.004 min
Response: 32556454
Conc: 54.40 ng/ml



#8 Heptachlor epoxide

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 82445827
Conc: 47.18 ng/ml



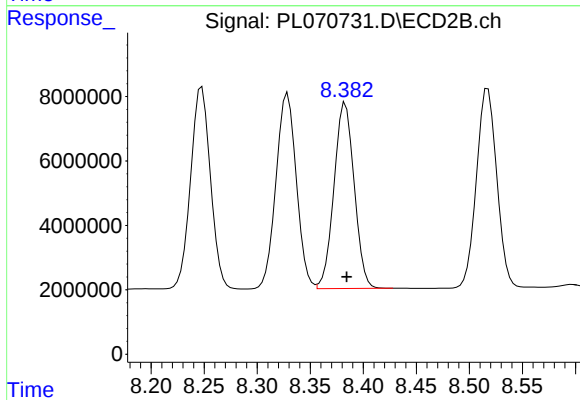
#9 Endosulfan I

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 30753478
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

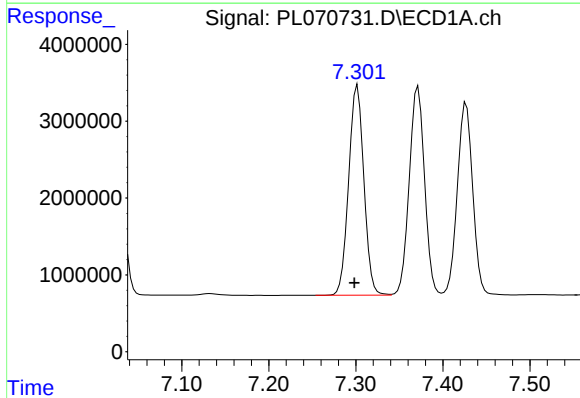
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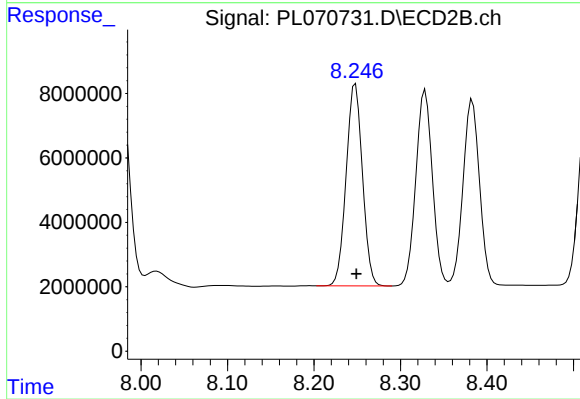
#9 Endosulfan I

R.T.: 8.383 min
Delta R.T.: -0.001 min
Response: 76420202
Conc: 45.36 ng/ml



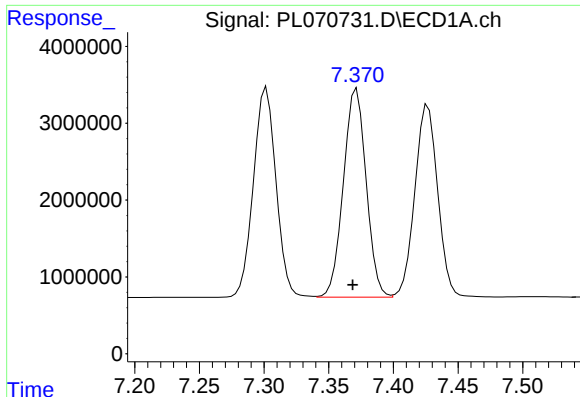
#10 gamma-Chlordane

R.T.: 7.302 min
Delta R.T.: 0.004 min
Response: 33204034
Conc: 54.73 ng/ml



#10 gamma-Chlordane

R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 81724629
Conc: 44.93 ng/ml



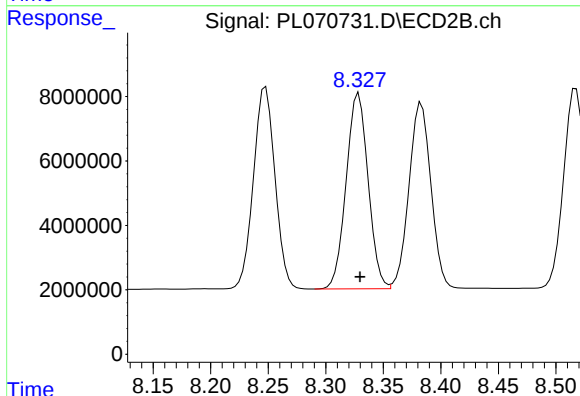
#11 alpha-Chlordane

R.T.: 7.372 min
Delta R.T.: 0.003 min
Response: 33206065
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

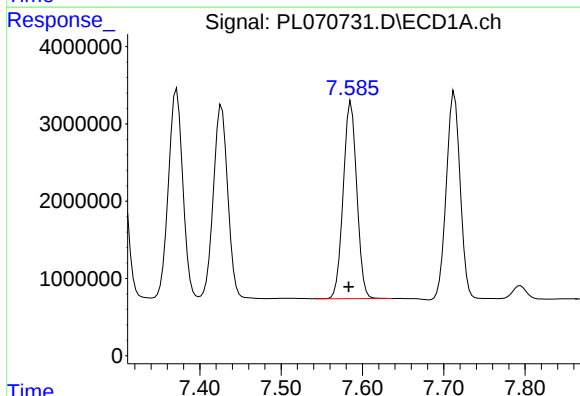
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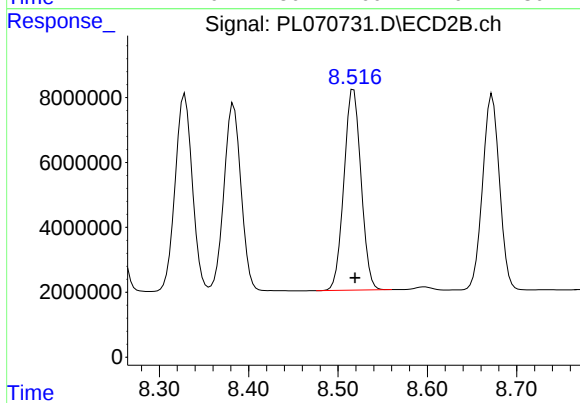
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: -0.001 min
Response: 81082658
Conc: 45.52 ng/ml



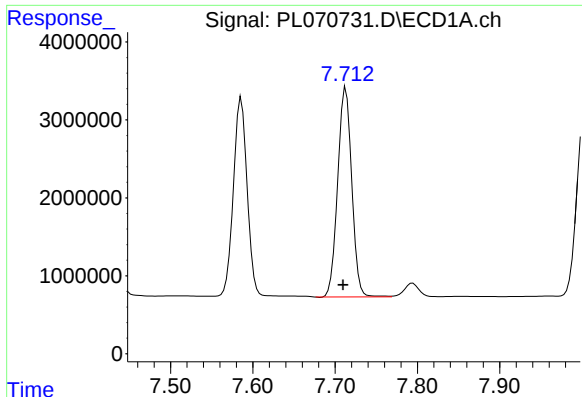
#12 4,4'-DDE

R.T.: 7.586 min
Delta R.T.: 0.003 min
Response: 29508408
Conc: 56.62 ng/ml



#12 4,4'-DDE

R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 82397923
Conc: 45.66 ng/ml



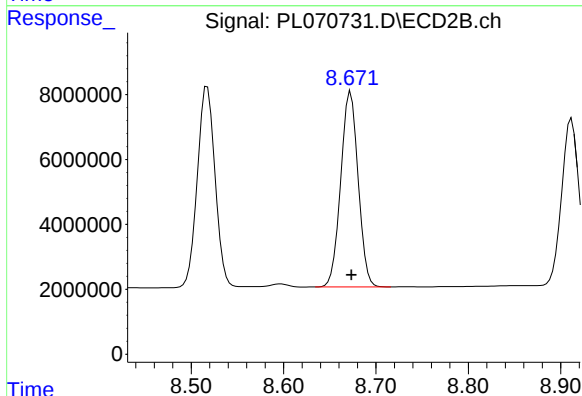
#13 Dieldrin

R.T.: 7.713 min
Delta R.T.: 0.003 min
Response: 31865892
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

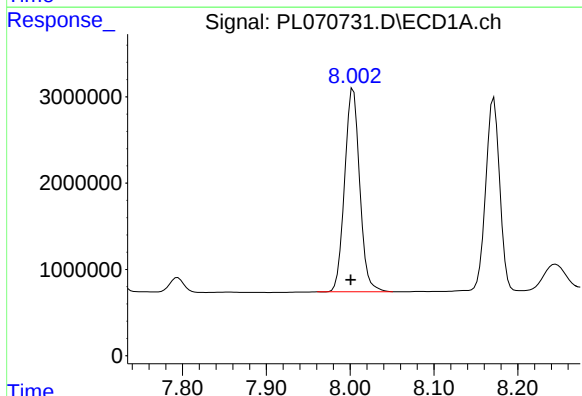
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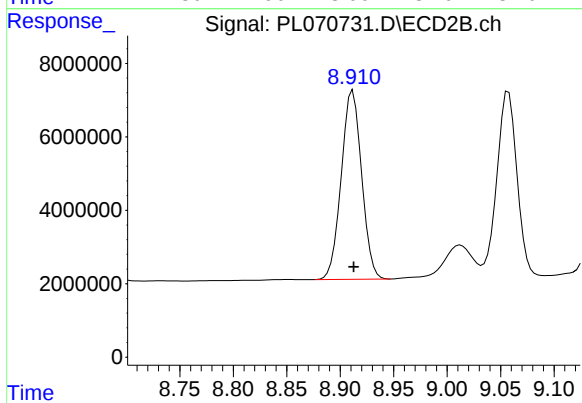
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 78865695
Conc: 44.76 ng/ml



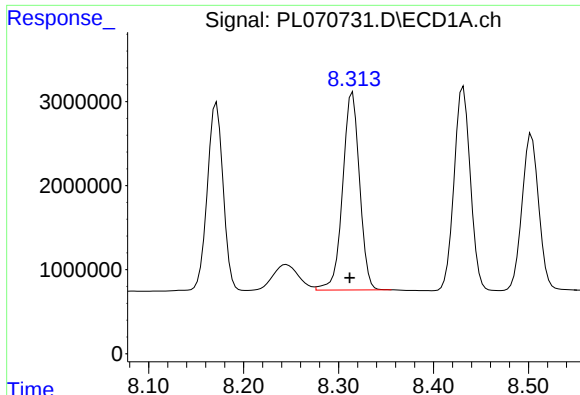
#14 Endrin

R.T.: 8.004 min
Delta R.T.: 0.003 min
Response: 29491672
Conc: 54.92 ng/ml



#14 Endrin

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 68348942
Conc: 45.13 ng/ml



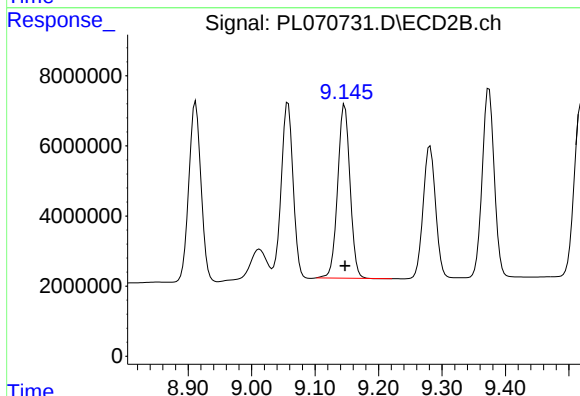
#15 Endosulfan II

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 29113473
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

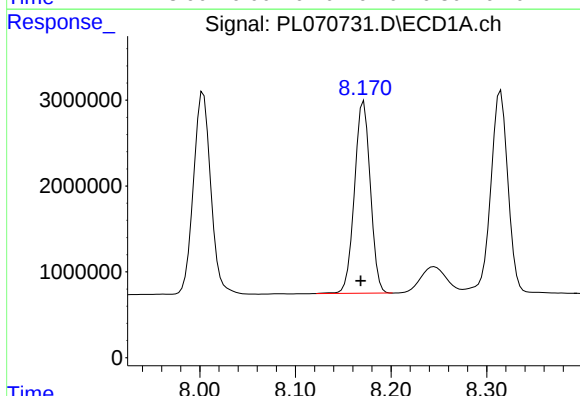
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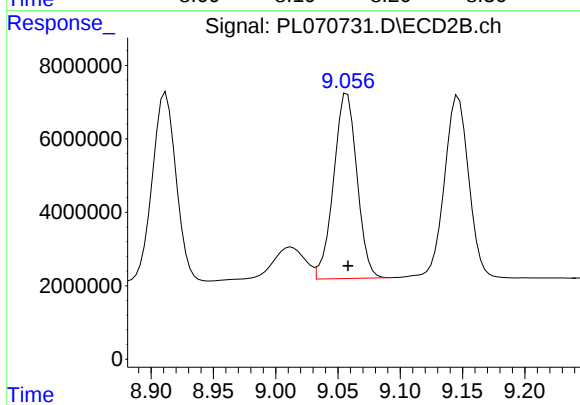
#15 Endosulfan II

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 67055715
Conc: 44.79 ng/ml



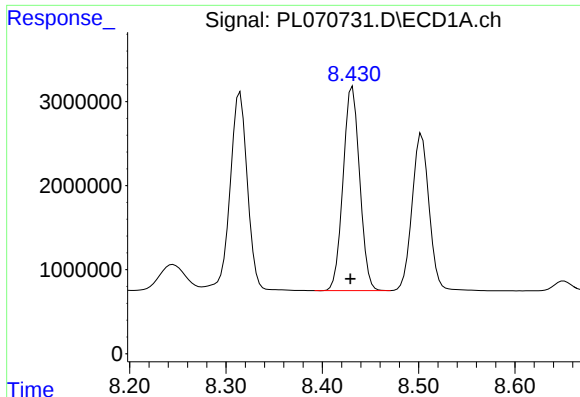
#16 4,4'-DDD

R.T.: 8.172 min
Delta R.T.: 0.003 min
Response: 25816578
Conc: 56.58 ng/ml



#16 4,4'-DDD

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 65925861
Conc: 41.01 ng/ml



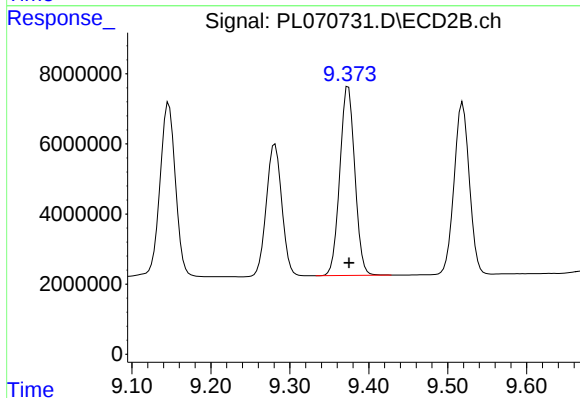
#17 4,4'-DDT

R.T.: 8.431 min
Delta R.T.: 0.002 min
Response: 28929809
Conc: 55.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

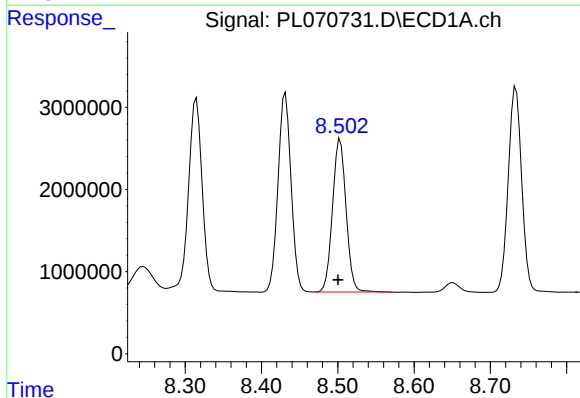
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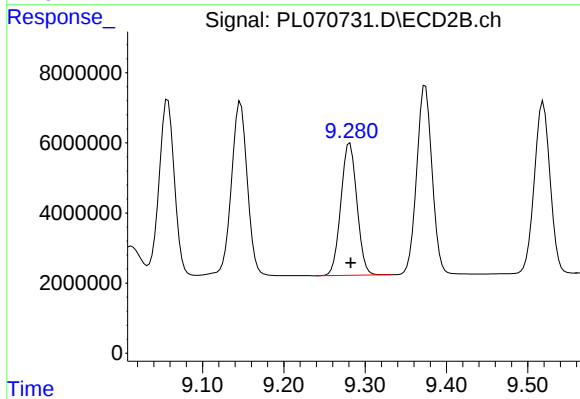
#17 4,4'-DDT

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 71168878
Conc: 44.03 ng/ml



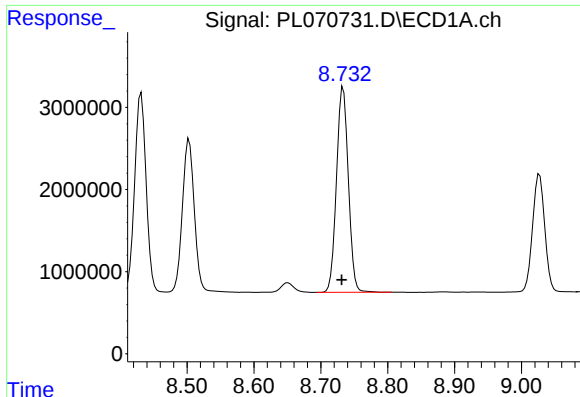
#18 Endrin aldehyde

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 23031038
Conc: 53.99 ng/ml



#18 Endrin aldehyde

R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 51528533
Conc: 43.76 ng/ml



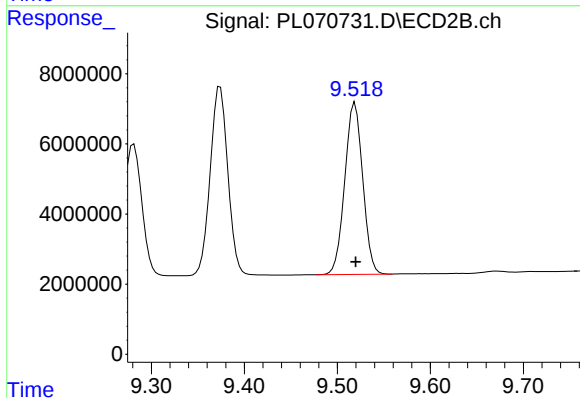
#19 Endosulfan Sulfate

R.T.: 8.733 min
Delta R.T.: 0.002 min
Response: 30736930
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

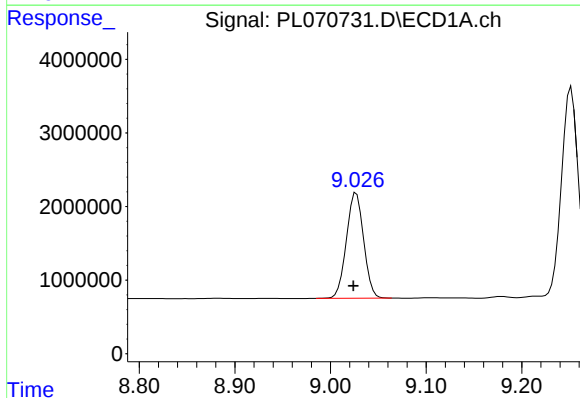
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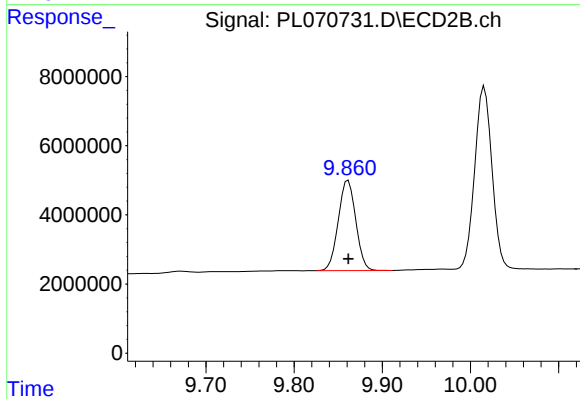
#19 Endosulfan Sulfate

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 65666819
Conc: 43.81 ng/ml



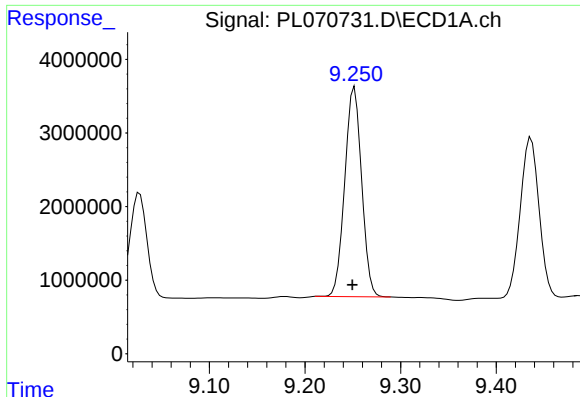
#20 Methoxychlor

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 18017969
Conc: 54.23 ng/ml



#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 35961015
Conc: 42.96 ng/ml



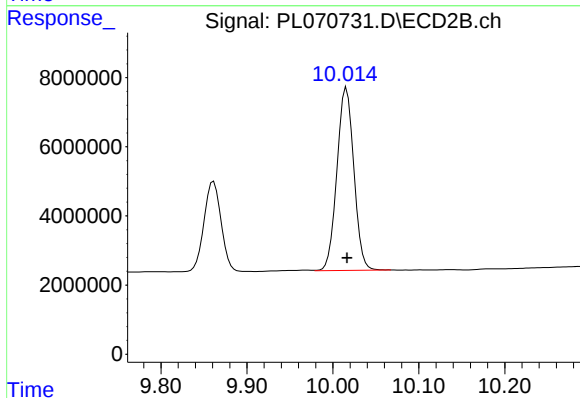
#21 Endrin ketone

R.T.: 9.252 min
Delta R.T.: 0.002 min
Response: 35049838
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

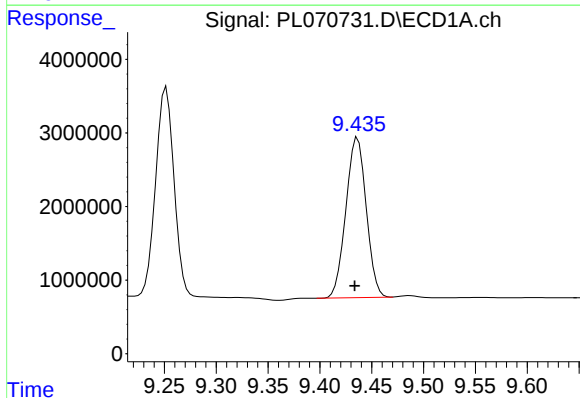
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Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



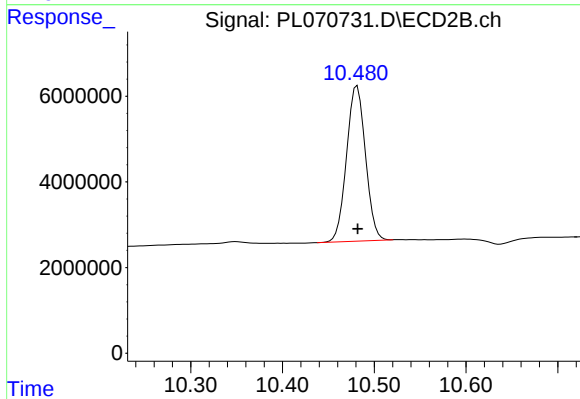
#21 Endrin ketone

R.T.: 10.016 min
Delta R.T.: 0.000 min
Response: 72244692
Conc: 44.21 ng/ml



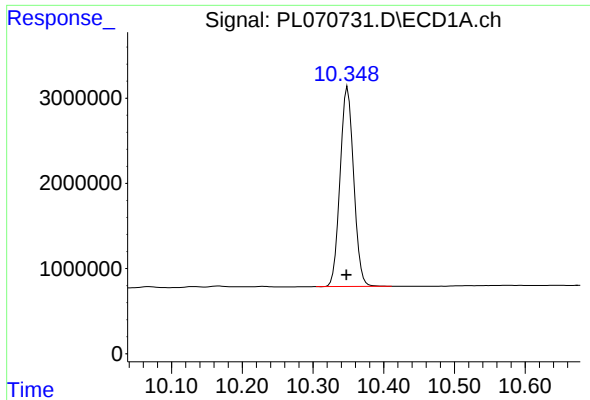
#22 Mirex

R.T.: 9.436 min
Delta R.T.: 0.003 min
Response: 29717683
Conc: 52.28 ng/ml



#22 Mirex

R.T.: 10.481 min
Delta R.T.: 0.000 min
Response: 51908870
Conc: 43.41 ng/ml



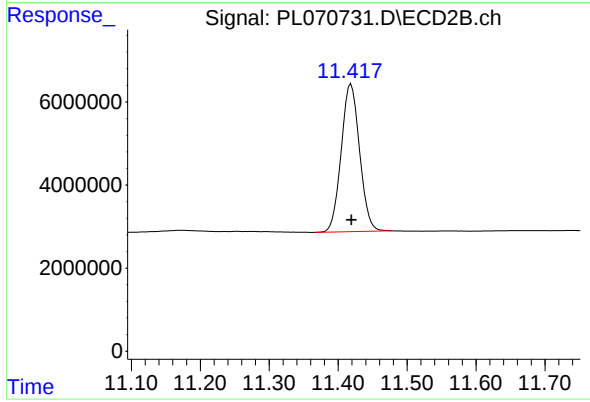
#28 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.002 min
Response: 31302974
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/03/2021



#28 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 65892228
Conc: 46.09 ng/ml