

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 11:42
 Operator : AR\AJ
 Sample : N1958-16MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 C-1-0-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:40:44 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...	4.642	5.491	6068827	32701483	18.948	19.925
28)	SA Decachlor...	10.417	11.330	10675819	36824282	20.995	20.593
Target Compounds							
2)	A alpha-BHC	5.351	6.054	21554517	128.9E6	52.291	57.308
3)	MA gamma-BHC...	5.774	6.442	21539122	120.0E6	51.636	56.198
4)	MA Heptachlor	6.186	7.102	22781810	128.8E6	50.492	54.959
5)	MB Aldrin	6.512	7.470	21114267	118.5E6	51.103	56.571
6)	B beta-BHC	6.155	6.678	10652702	54544572	51.738	52.327
7)	B delta-BHC	6.416	6.947	21472488	120.4E6	53.461	55.926
8)	B Heptachlo...	7.088	7.926	22094444	112.0E6	51.266	56.056
9)	A Endosulfan I	7.491	8.326	21261419	101.1E6	51.829	55.375
10)	B gamma-Chl...	7.366	8.193	22476409	112.9E6	51.398	55.302
11)	B alpha-Chl...	7.436	8.277	22687222	110.2E6	51.336	55.095
12)	B 4,4'-DDE	7.650	8.460	18845897	100.7E6	52.519	56.161
13)	MA Dieldrin	7.778	8.611	21852947	102.6E6	52.452	55.625
14)	MA Endrin	8.069	8.845	19939817	82148330	51.391	53.363
15)	B Endosulfa...	8.380	9.069	20374099	83179591	52.124	54.159
16)	A 4,4'-DDD	8.235	8.987	17669159	81859140	54.410	56.079
17)	MA 4,4'-DDT	8.497	9.306	18483868	83849142	48.876	51.299
18)	B Endrin al...	8.568	9.200	15947744	64456402	50.428	52.561m
19)	B Endosulfa...	8.799	9.439	21893081	84552833	51.827	53.648
20)	A Methoxychlor	9.092	9.786	12028100	43077644	46.887	47.807
21)	B Endrin ke...	9.318	9.927	26741554	90387516	54.661	54.761
22)	Mirex	9.506	10.403	26699162	81527168	56.619	60.015

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
Data File : PL073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2022 11:42
Operator : AR\AJ
Sample : N1958-16MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

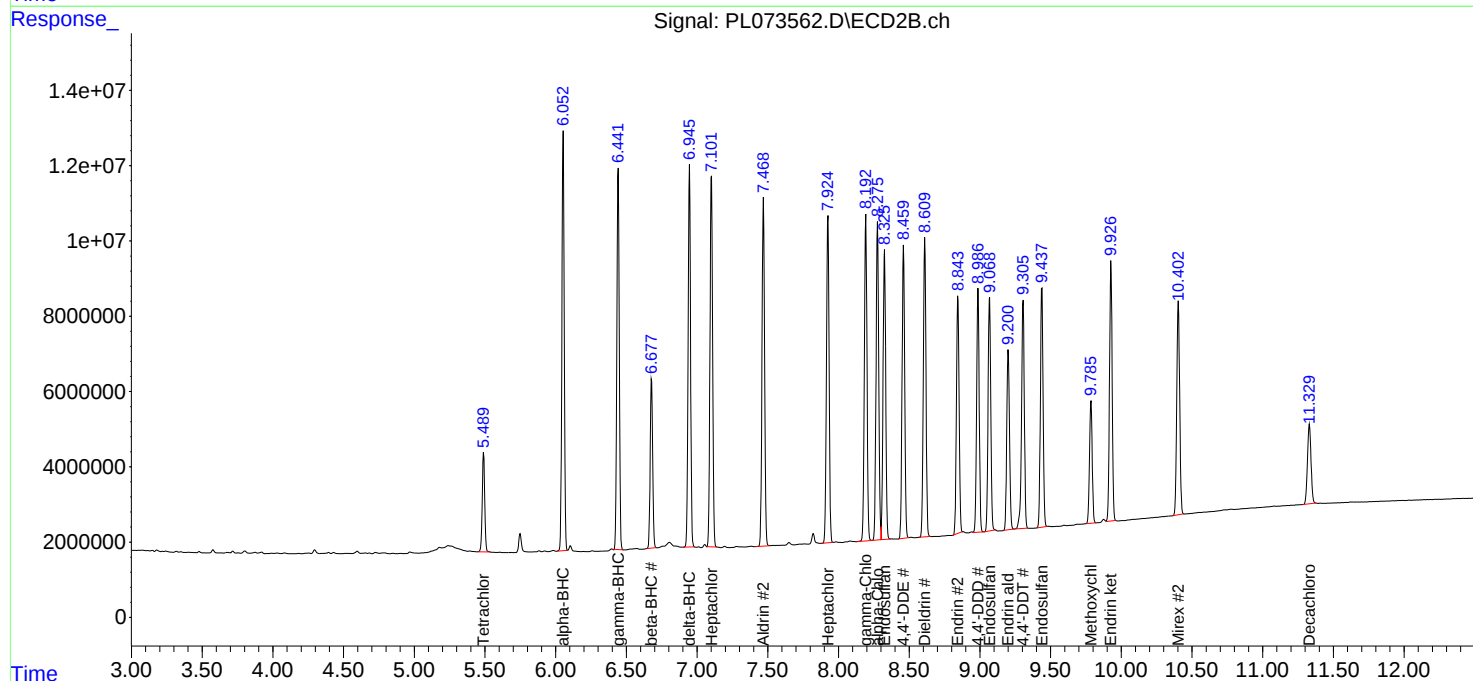
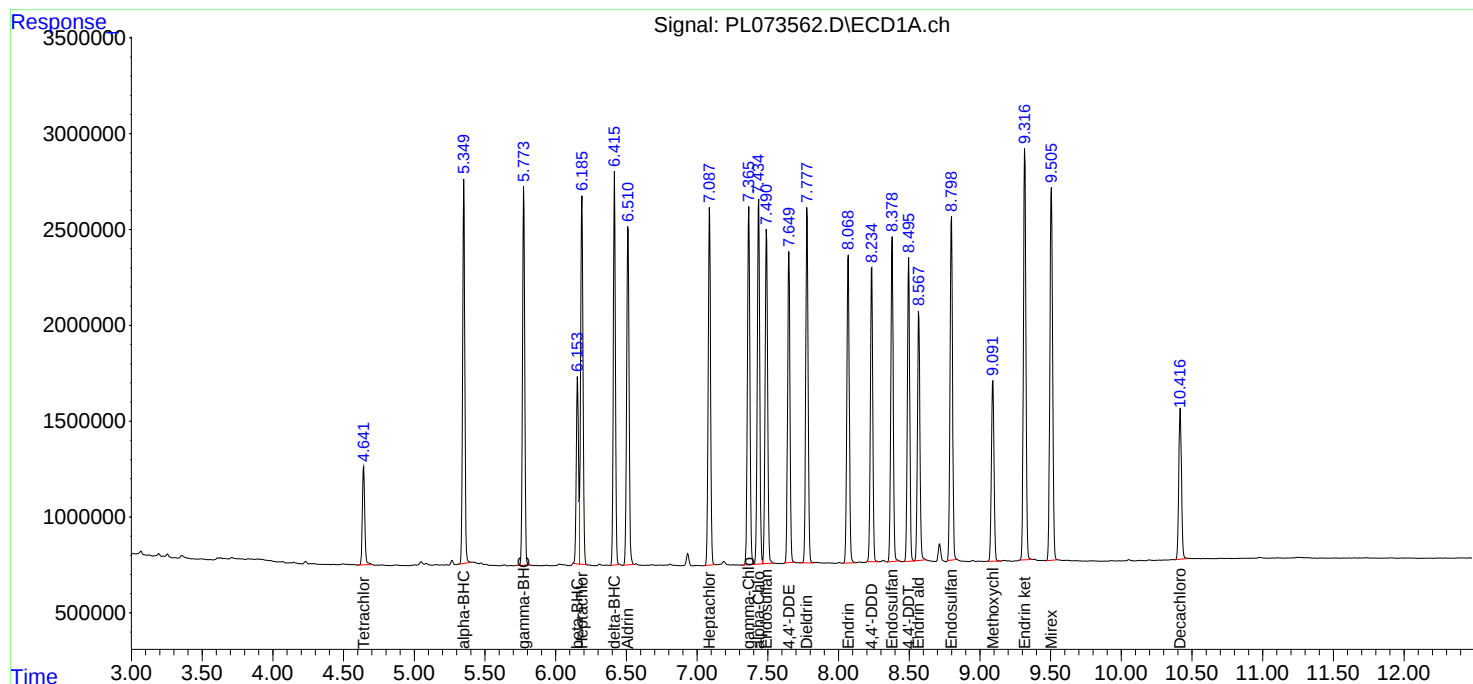
Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

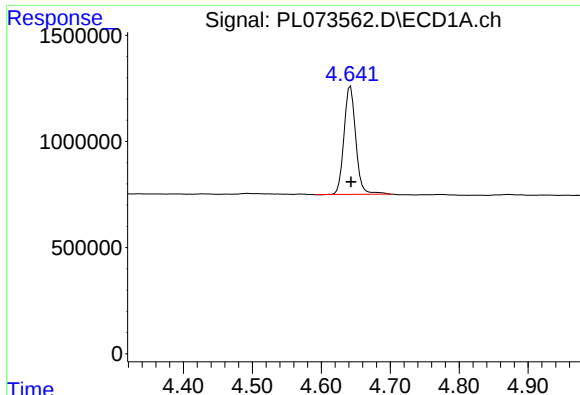
Manual Integrations
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Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 23 01:40:44 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





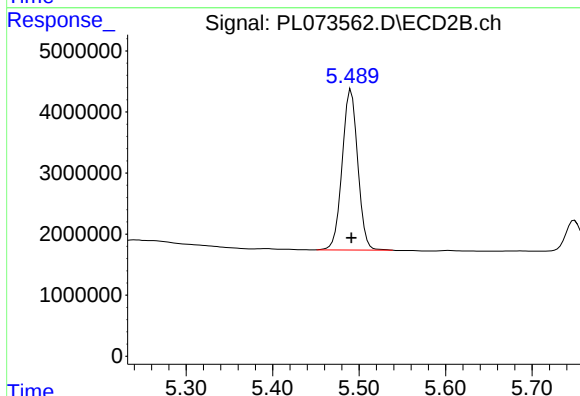
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6068827
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

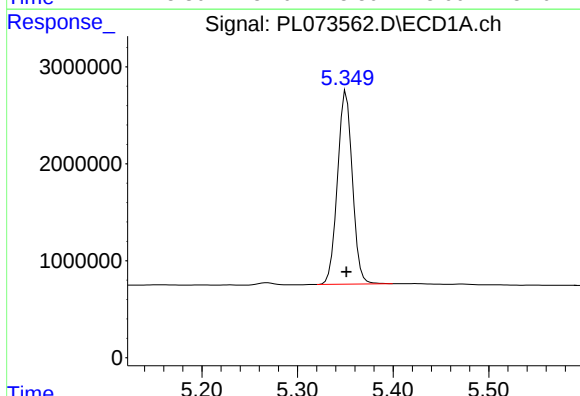
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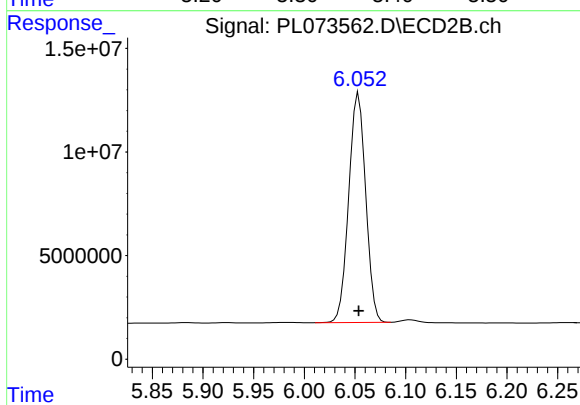
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 32701483
Conc: 19.92 ng/ml



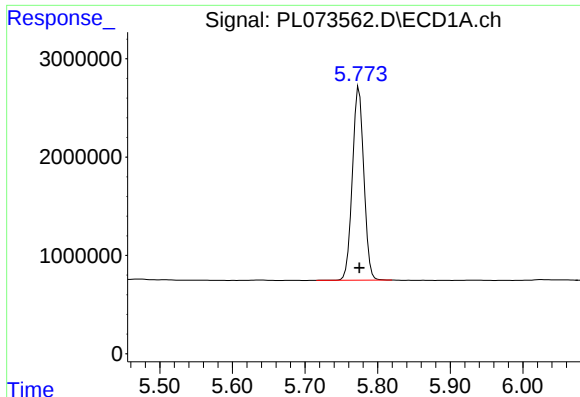
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21554517
Conc: 52.29 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 128922490
Conc: 57.31 ng/ml



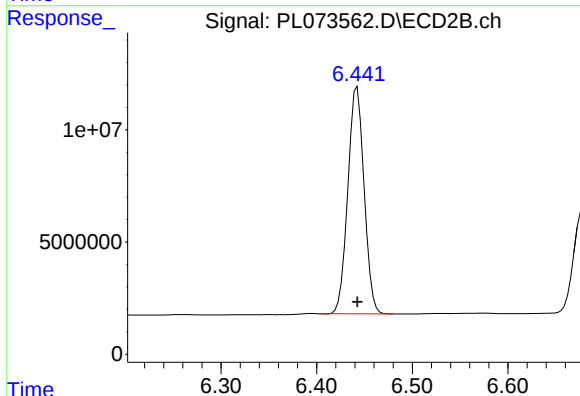
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 21539122
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

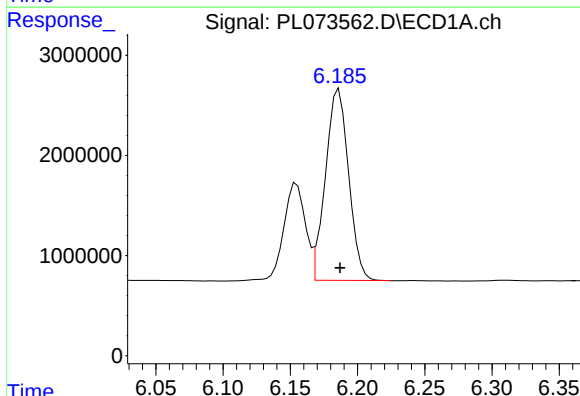
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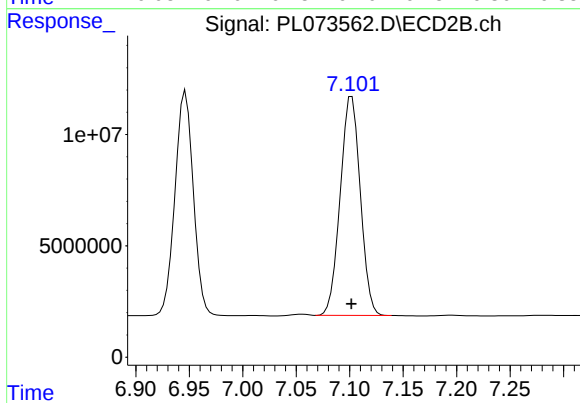
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 119988343
Conc: 56.20 ng/ml



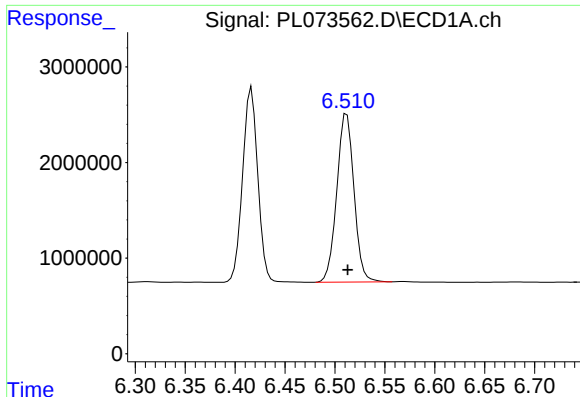
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 22781810
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 128773973
Conc: 54.96 ng/ml



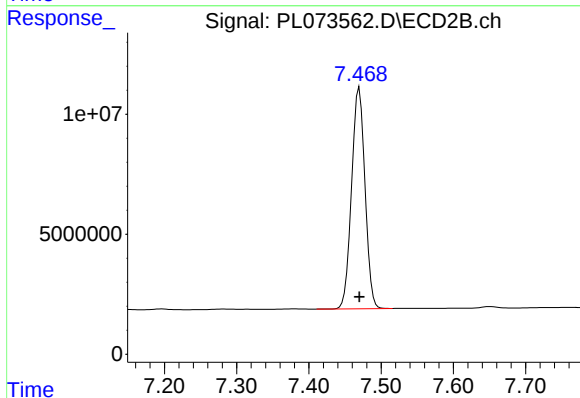
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 21114267
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

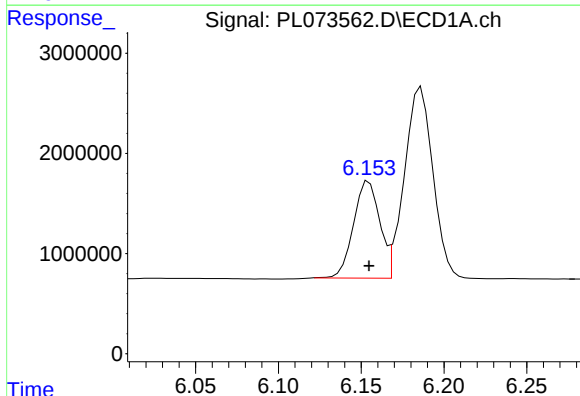
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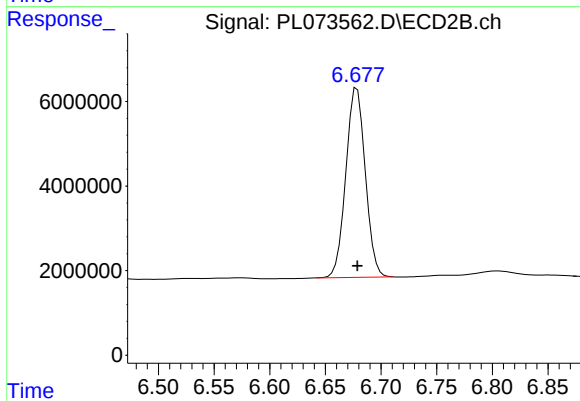
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 118514856
Conc: 56.57 ng/ml



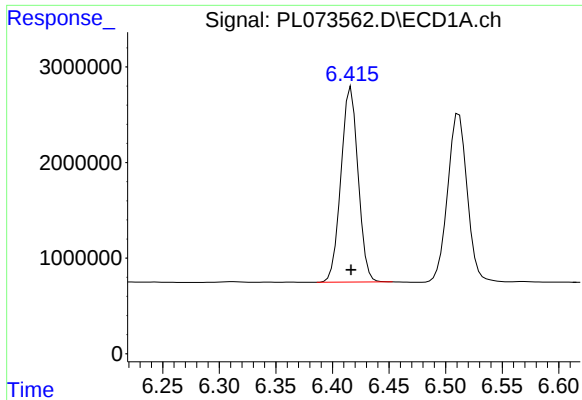
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 10652702
Conc: 51.74 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 54544572
Conc: 52.33 ng/ml



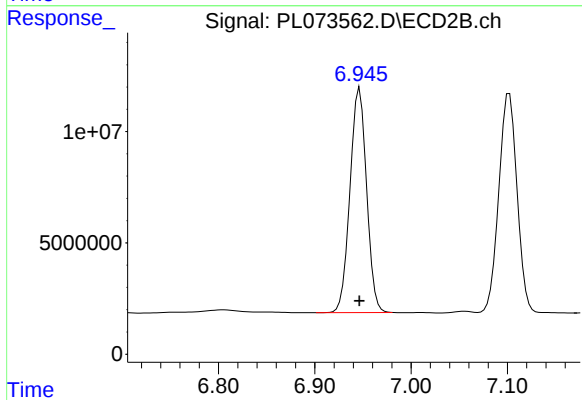
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 21472488
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

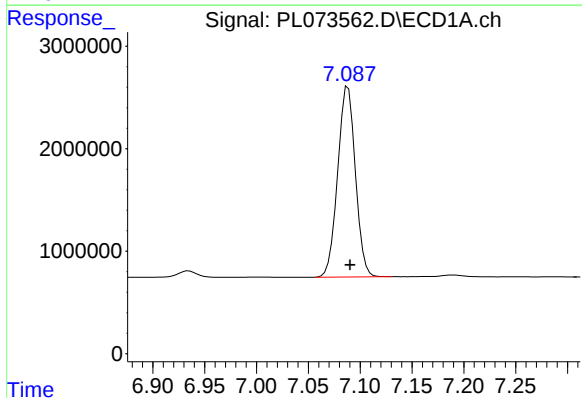
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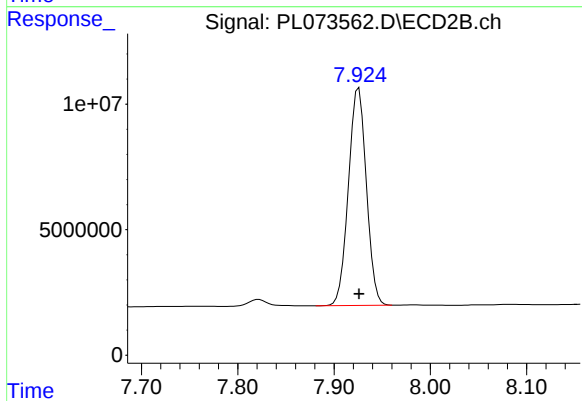
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 120439209
Conc: 55.93 ng/ml



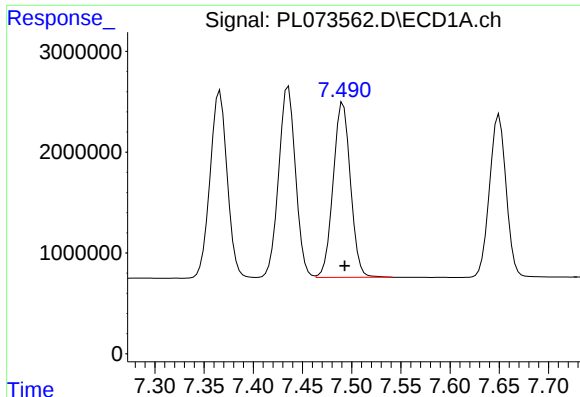
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 22094444
Conc: 51.27 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 111961419
Conc: 56.06 ng/ml



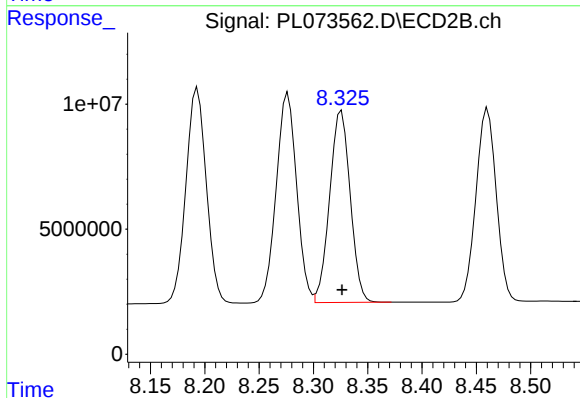
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 21261419
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

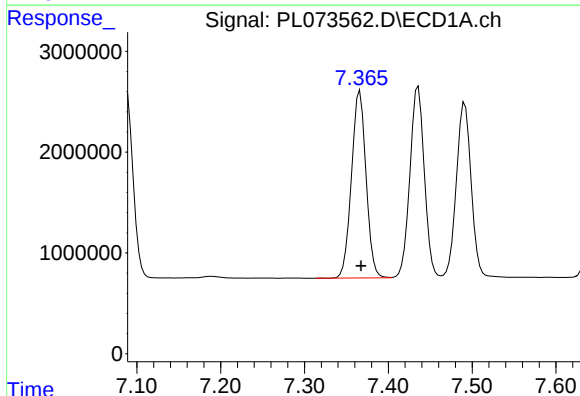
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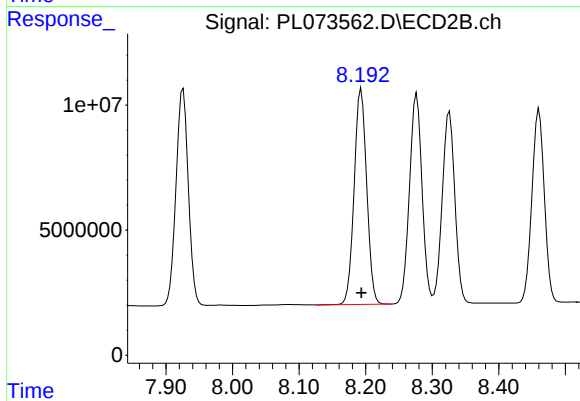
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 101081926
Conc: 55.38 ng/ml



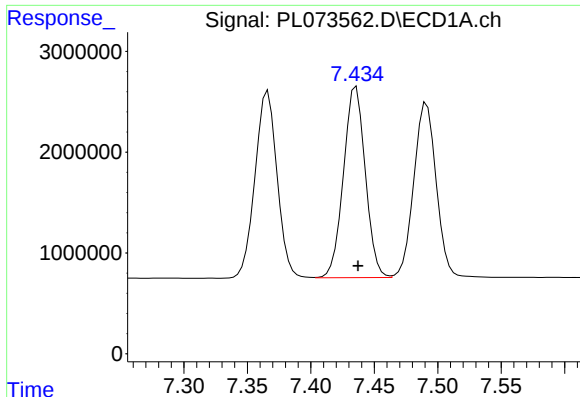
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 22476409
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 112948844
Conc: 55.30 ng/ml



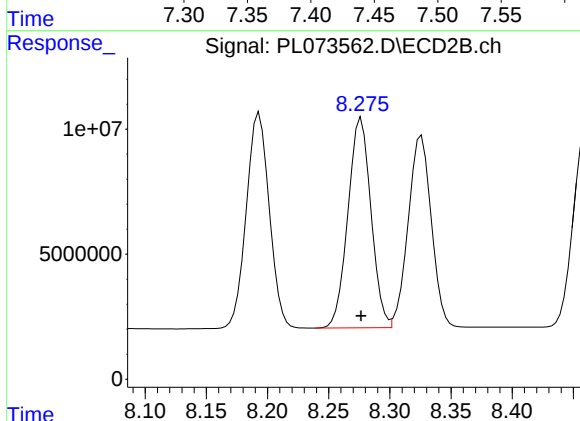
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 22687222
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

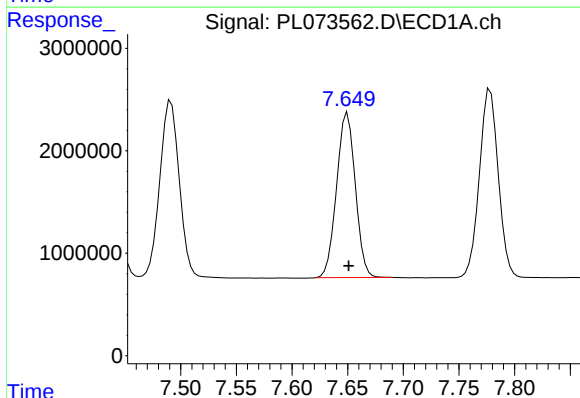
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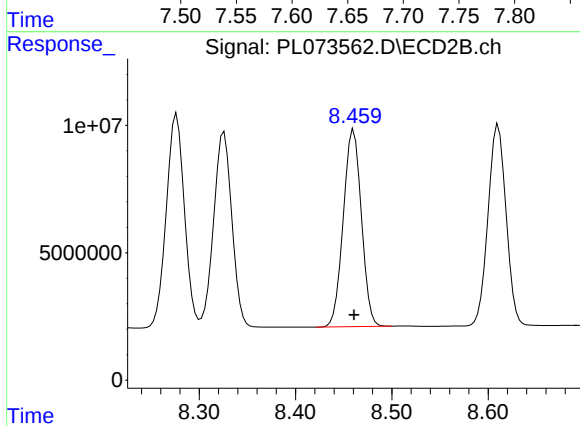
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 110189694
Conc: 55.09 ng/ml



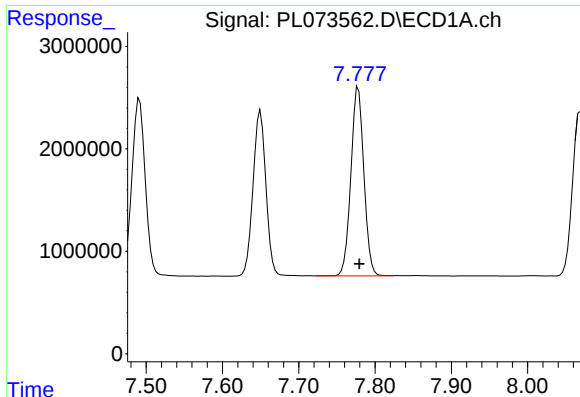
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 18845897
Conc: 52.52 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 100660927
Conc: 56.16 ng/ml



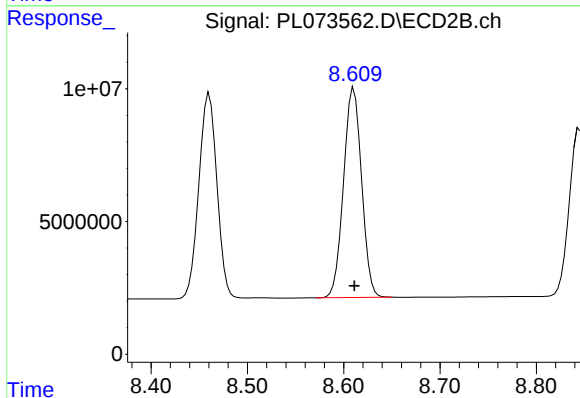
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 21852947
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

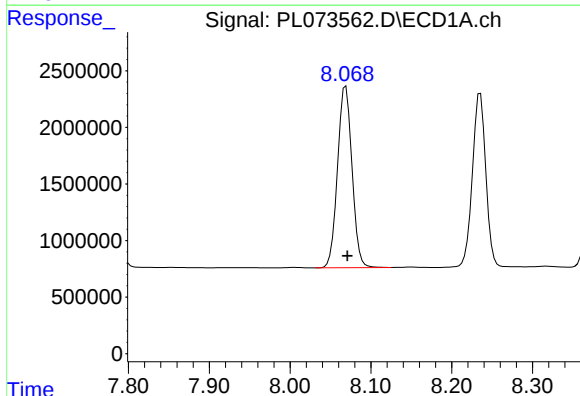
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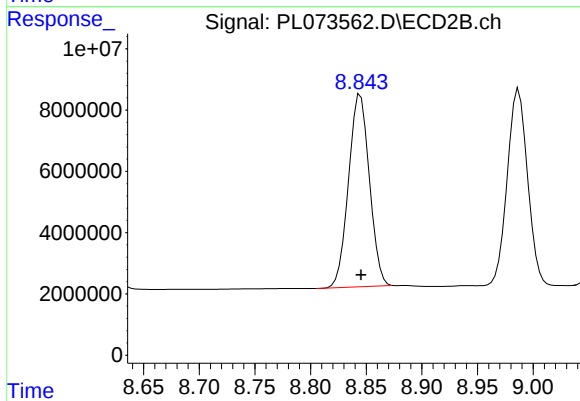
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 102613414
Conc: 55.62 ng/ml



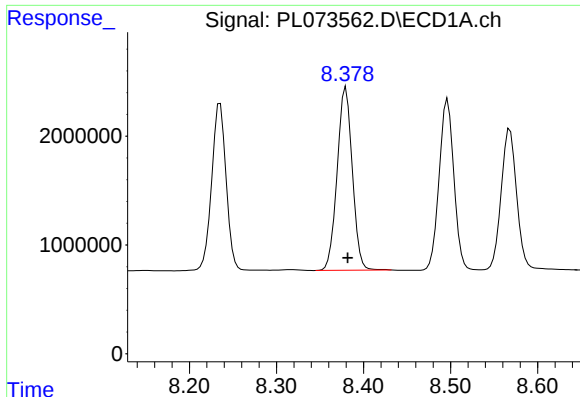
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 19939817
Conc: 51.39 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 82148330
Conc: 53.36 ng/ml



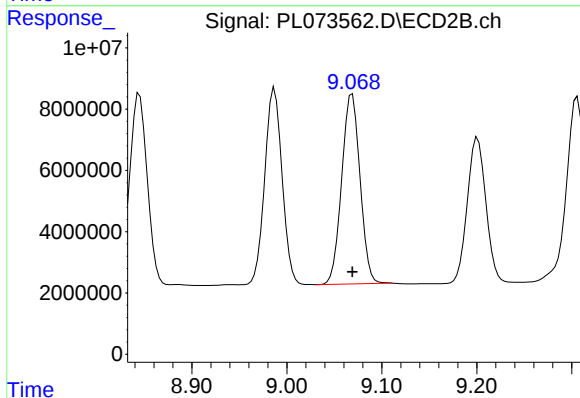
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 20374099
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

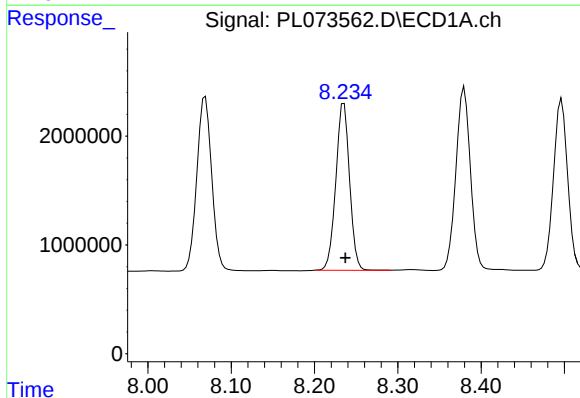
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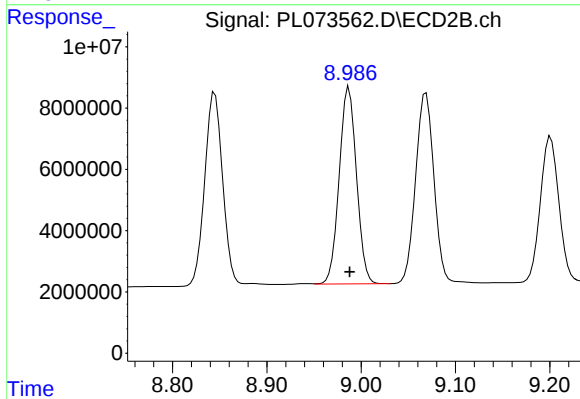
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 83179591
Conc: 54.16 ng/ml



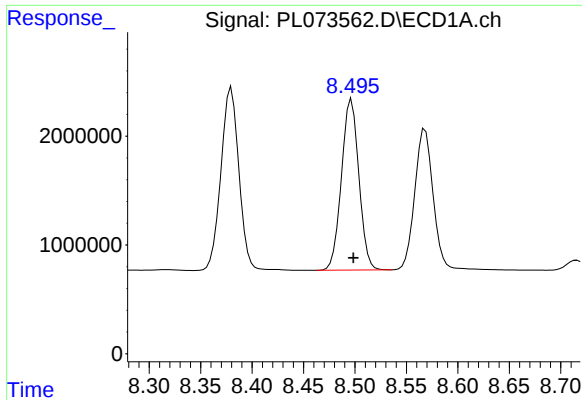
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 17669159
Conc: 54.41 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 81859140
Conc: 56.08 ng/ml



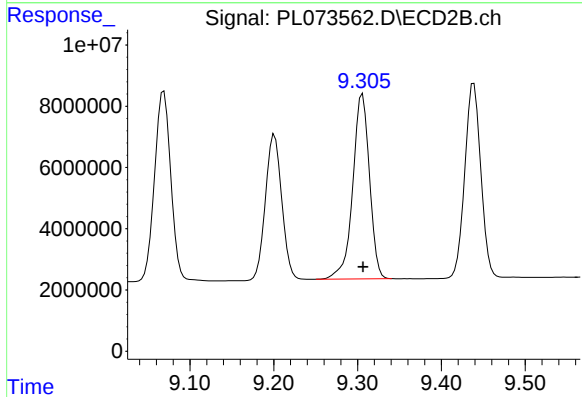
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 18483868
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

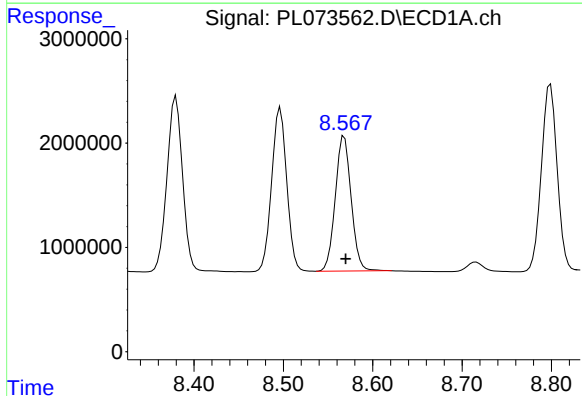
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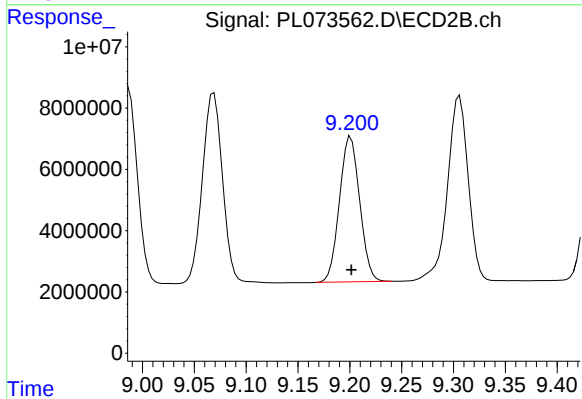
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 83849142
Conc: 51.30 ng/ml



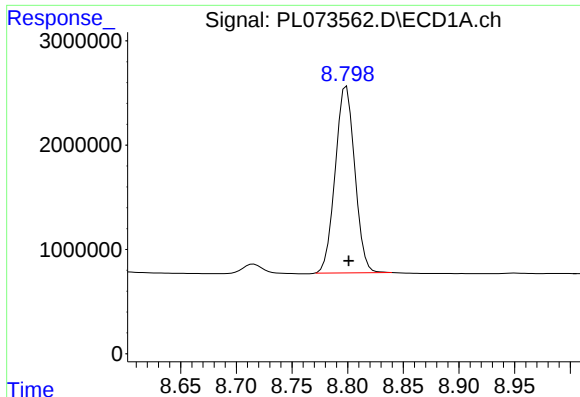
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 15947744
Conc: 50.43 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 64456402
Conc: 52.56 ng/ml m



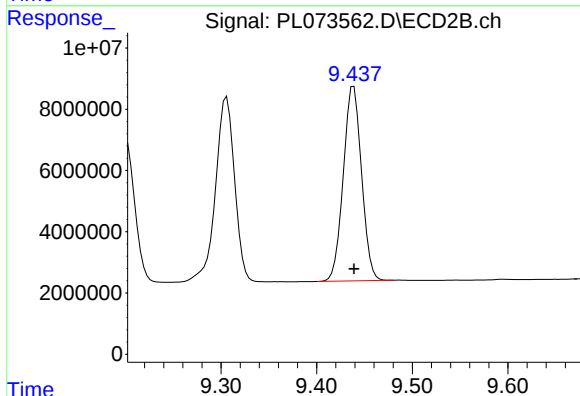
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21893081
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

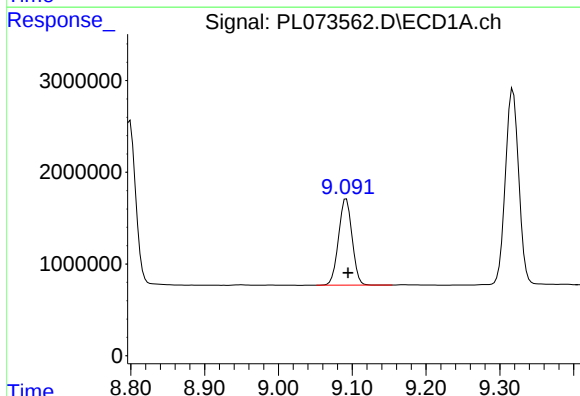
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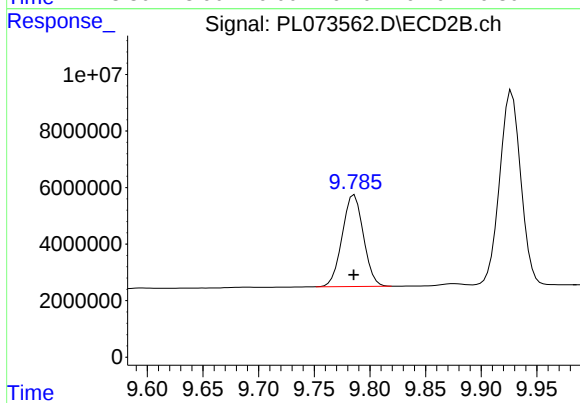
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 84552833
Conc: 53.65 ng/ml



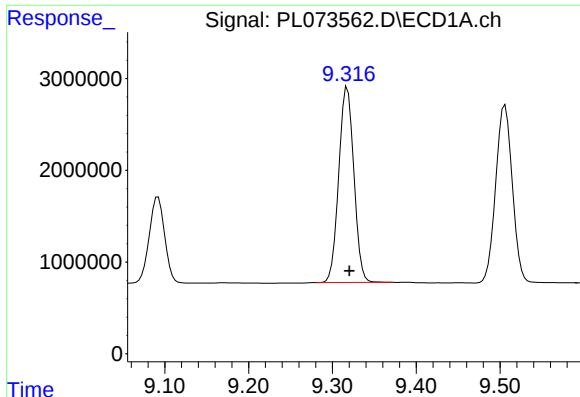
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 12028100
Conc: 46.89 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 43077644
Conc: 47.81 ng/ml



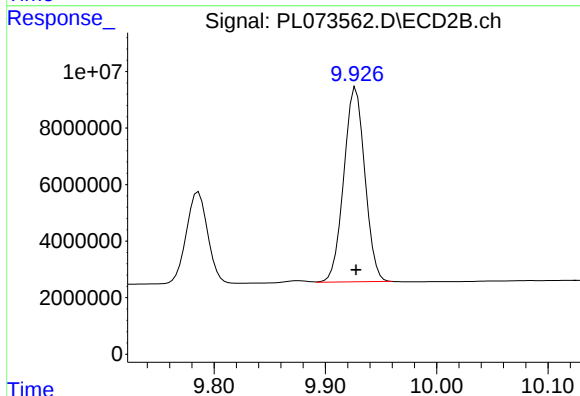
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26741554
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

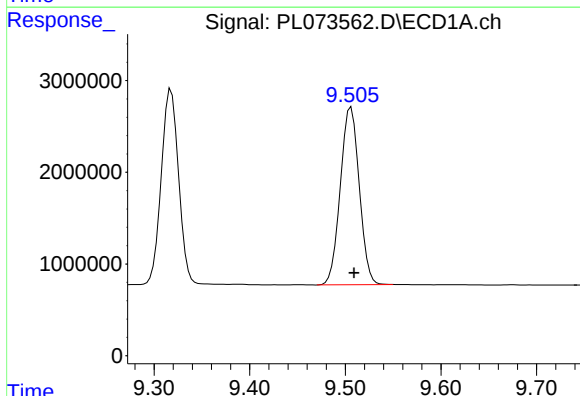
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



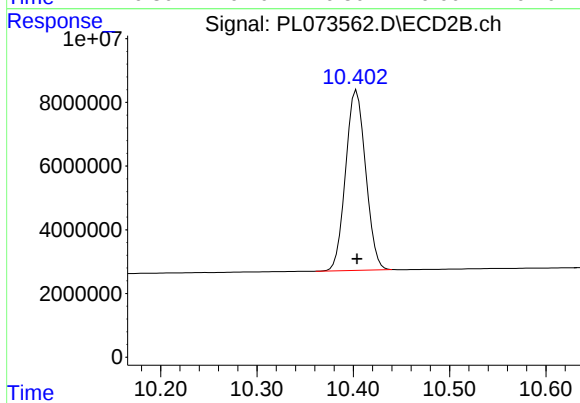
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 90387516
Conc: 54.76 ng/ml



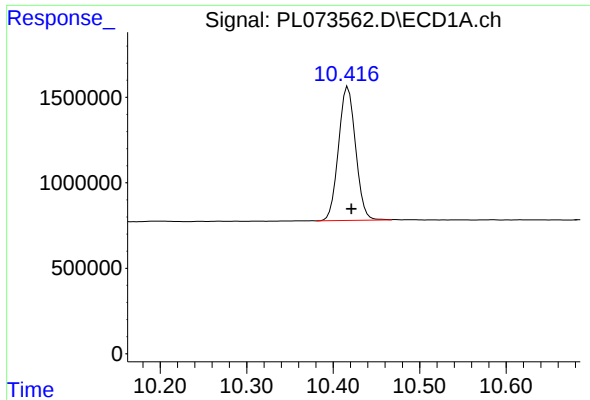
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 26699162
Conc: 56.62 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: 0.000 min
Response: 81527168
Conc: 60.01 ng/ml



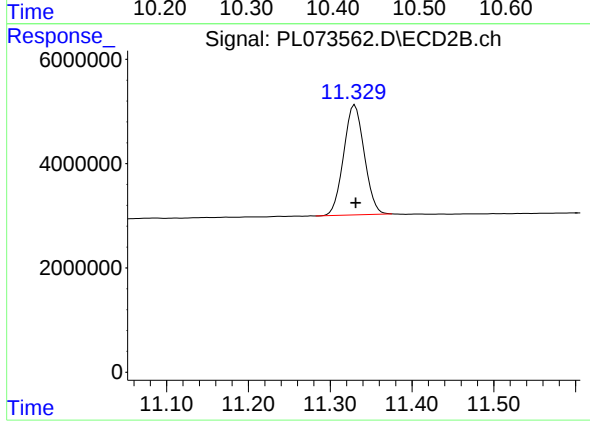
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10675819
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 36824282
Conc: 20.59 ng/ml