

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
 Data File : PL076725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 11:44
 Operator : AR\AJ
 Sample : PB146535BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB146535BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 00:00:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.429	2.643	26282726	62263693	25.467	20.991
28)	SA Decachlor...	8.925f	7.757	23054346	59829456	26.140	23.309
Target Compounds							
2)	A alpha-BHC	3.894	3.138	77746129	183.5E6	53.910	43.957
3)	MA gamma-BHC...	4.230	3.463	72510130	168.0E6	53.703	44.078
4)	MA Heptachlor	4.808	3.797	71328417	166.4E6	53.150	44.063
5)	MB Aldrin	5.148	4.073	63901914	153.6E6	53.202	43.671
6)	B beta-BHC	4.442	3.761	31387832	72633055	52.599	42.835
7)	B delta-BHC	4.686	3.986	65717425	171.1E6	59.288	44.863
8)	B Heptachlo...	5.580	4.573	60798326	140.0E6	54.524m	44.146
9)	A Endosulfan I	5.967	4.939	55523133	130.1E6	53.745	44.969
10)	B gamma-Chl...	5.837	4.823	59825539	142.3E6	53.957	44.468
11)	B alpha-Chl...	5.913	4.885	59542687	138.5E6	53.820	44.383
12)	B 4,4'-DDE	6.092	5.080	54217195	134.0E6	55.237	45.076
13)	MA Dieldrin	6.245	5.203	55928040	134.8E6	53.140	43.455
14)	MA Endrin	6.476	5.476	46000611	109.6E6	47.888	43.675
15)	B Endosulfa...	6.704	5.771	48070180	113.3E6	53.559	47.264
16)	A 4,4'-DDD	6.617	5.633	46719684	112.1E6	56.042	47.319
17)	MA 4,4'-DDT	6.926	5.882	45657852	102.6E6	50.243m	42.719
18)	B Endrin al...	6.834	5.951	40032986	87440849	54.912	46.411
19)	B Endosulfa...	7.068	6.174	48801555	114.3E6	54.266	46.484
20)	A Methoxychlor	7.408	6.460	24316931	53385564	48.055	40.818
21)	B Endrin ke...	7.555	6.675	55193433	130.8E6	53.973	48.185
22)	Mirex	8.017	6.852	39467522	89483528	51.025	44.620

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

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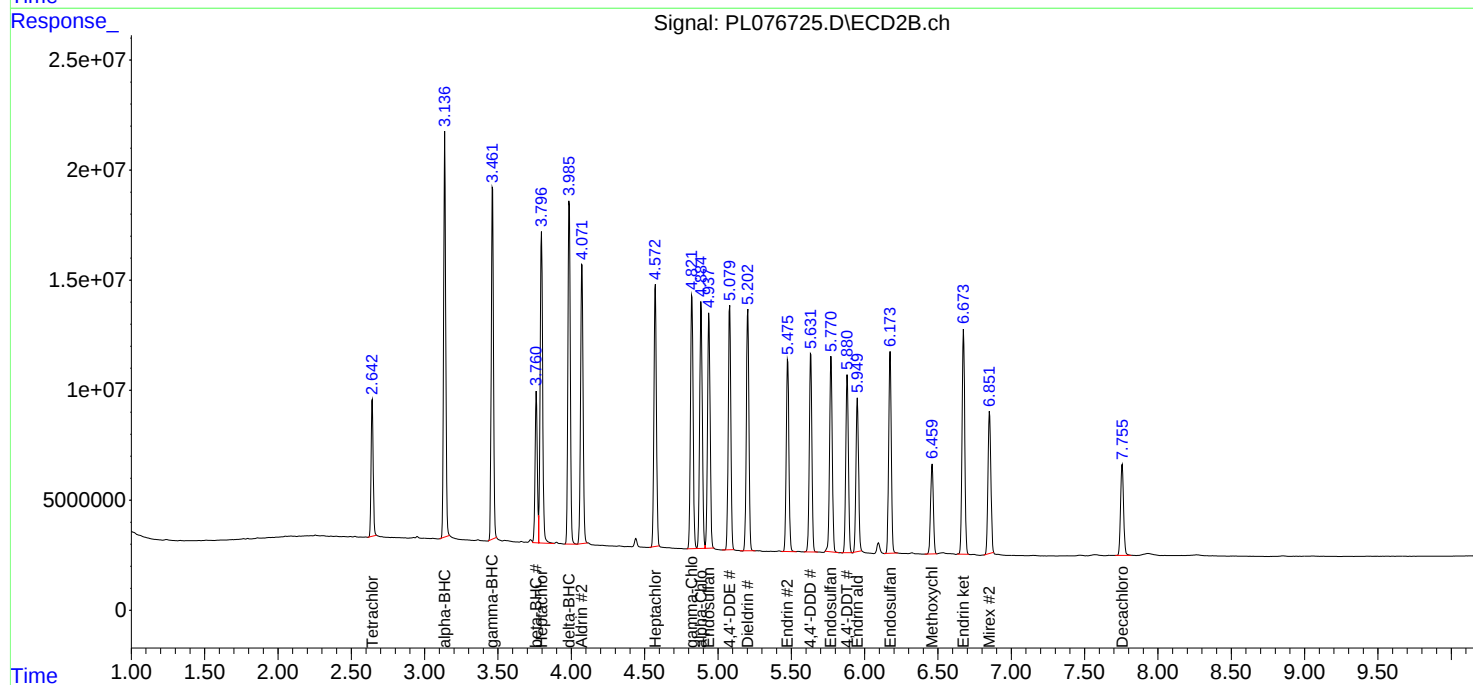
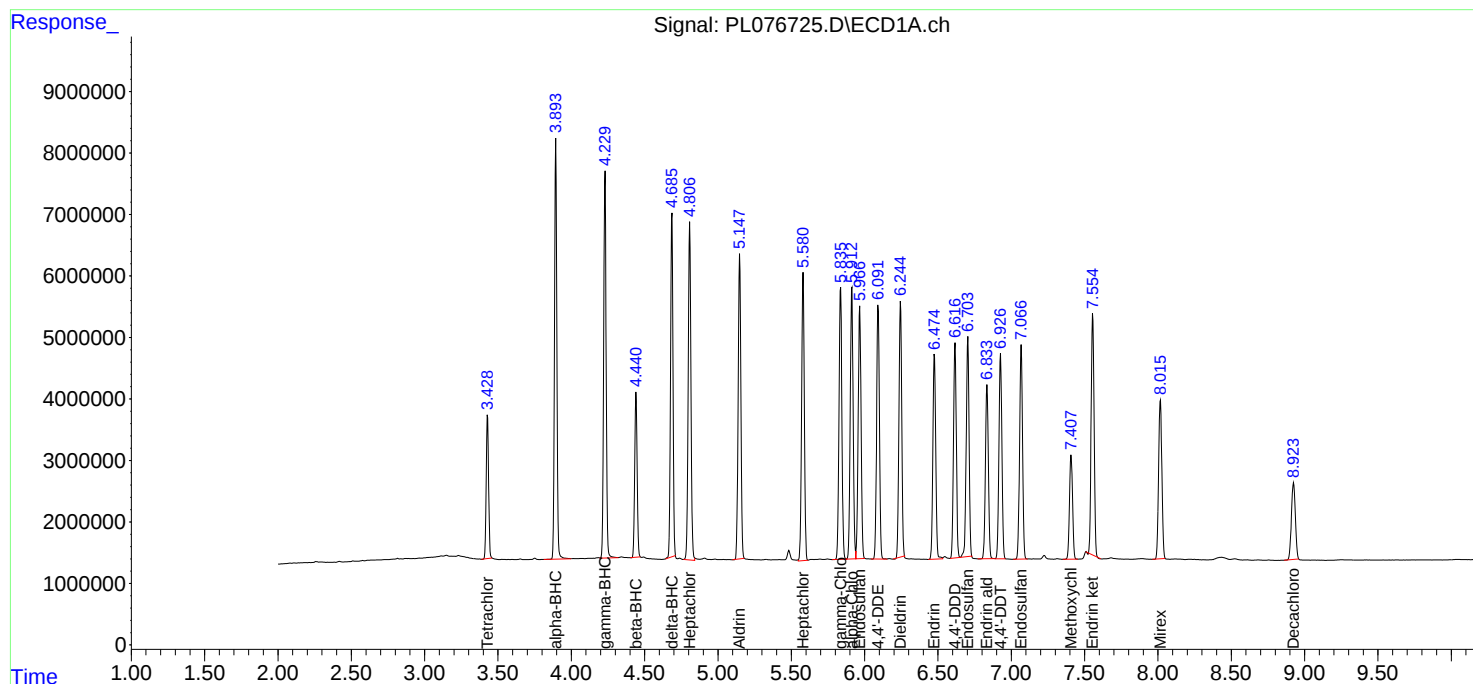
Manual Integrations

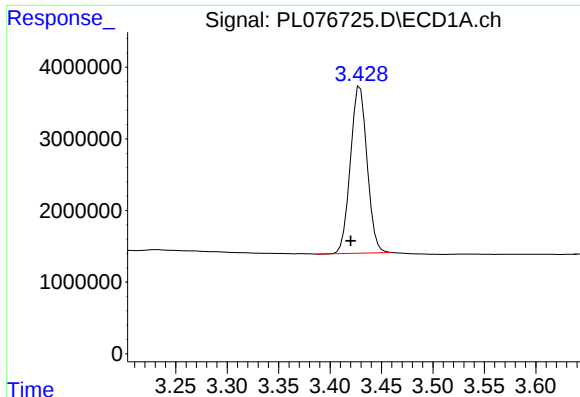
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 Supervised By :Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 00:00:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.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





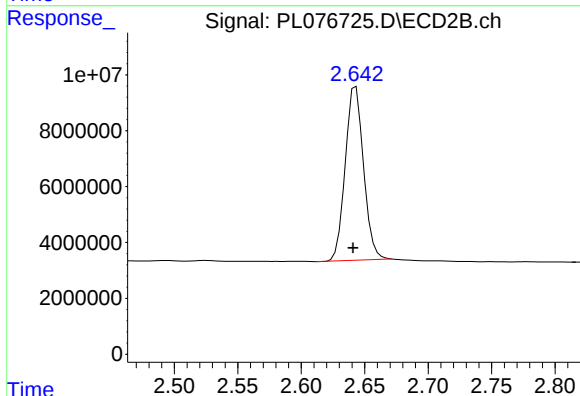
#1 Tetrachloro-m-xylene

R.T.: 3.429 min
Delta R.T.: 0.009 min
Response: 26282726
Conc: 25.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

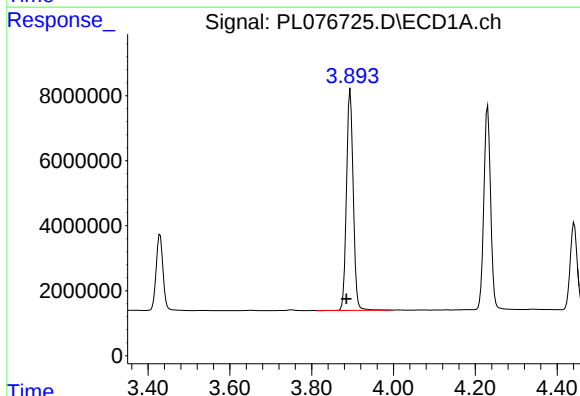
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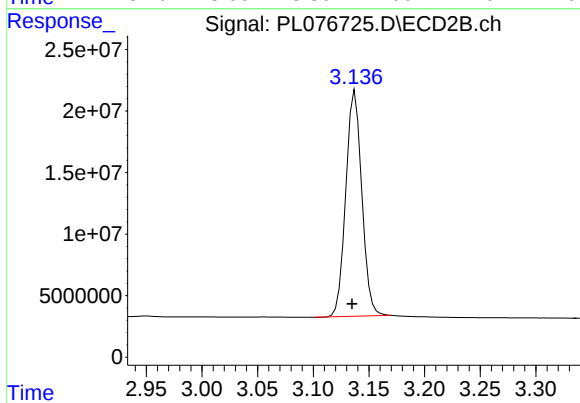
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: 0.002 min
Response: 62263693
Conc: 20.99 ng/ml



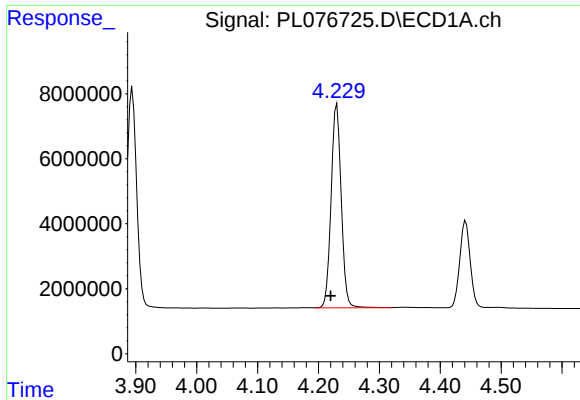
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.010 min
Response: 77746129
Conc: 53.91 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: 0.003 min
Response: 183526386
Conc: 43.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.230 min
Delta R.T.: 0.010 min
Response: 72510130
Conc: 53.70 ng/ml

Instrument :

ECD_L

ClientSampleId :

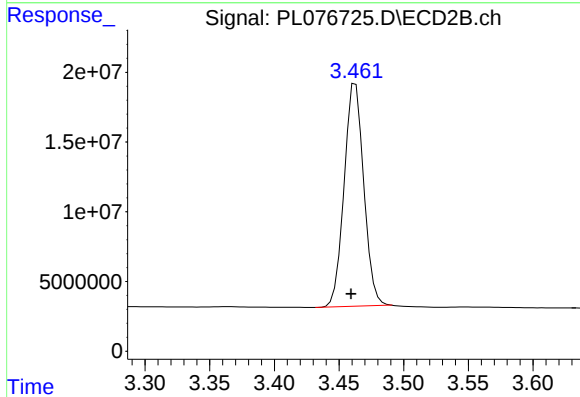
PB146535BS

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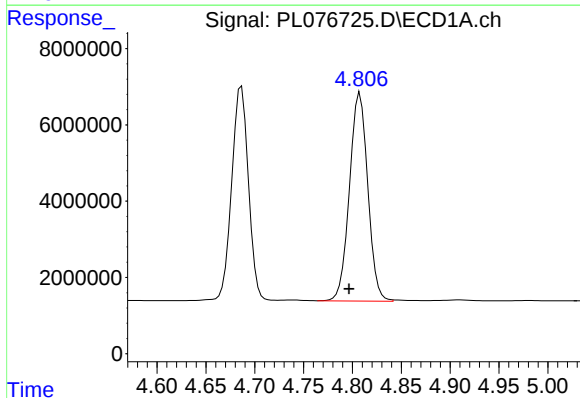
Reviewed By :Abdul Mirza 07/29/2022

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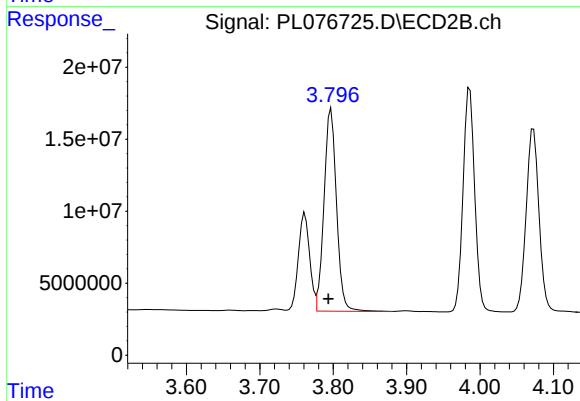
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: 0.004 min
Response: 167998227
Conc: 44.08 ng/ml



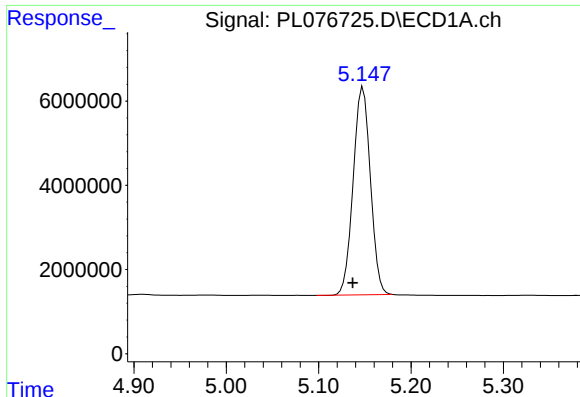
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: 0.011 min
Response: 71328417
Conc: 53.15 ng/ml



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: 0.004 min
Response: 166376348
Conc: 44.06 ng/ml



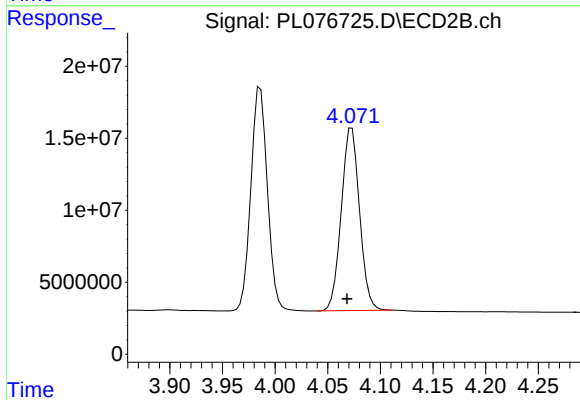
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: 0.011 min
Response: 63901914
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

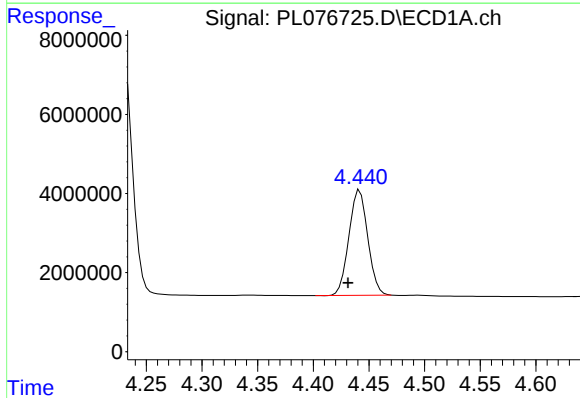
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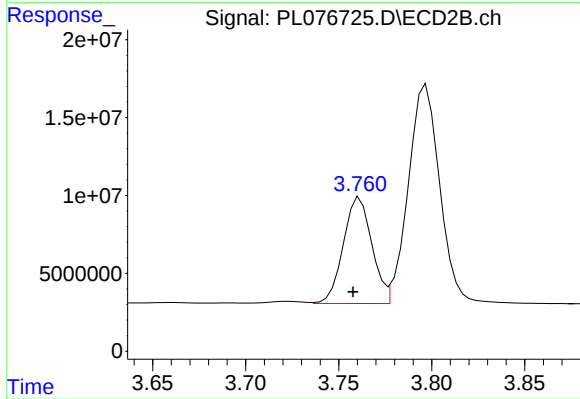
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: 0.004 min
Response: 153626450
Conc: 43.67 ng/ml



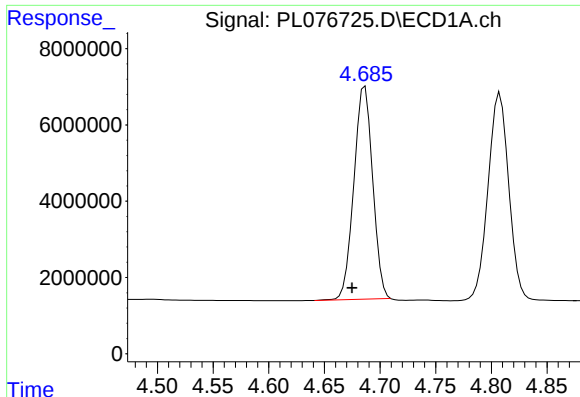
#6 beta-BHC

R.T.: 4.442 min
Delta R.T.: 0.010 min
Response: 31387832
Conc: 52.60 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: 0.004 min
Response: 72633055
Conc: 42.83 ng/ml



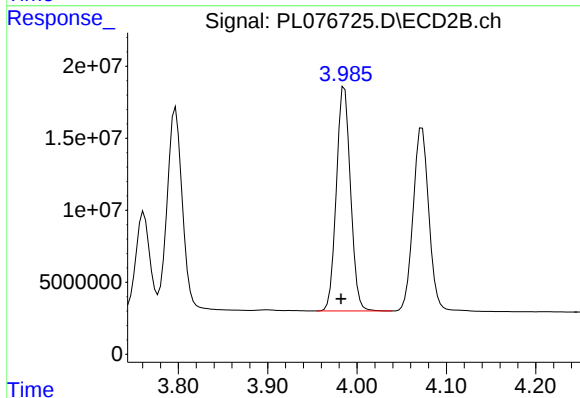
#7 delta-BHC

R.T.: 4.686 min
Delta R.T.: 0.012 min
Response: 65717425
Conc: 59.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

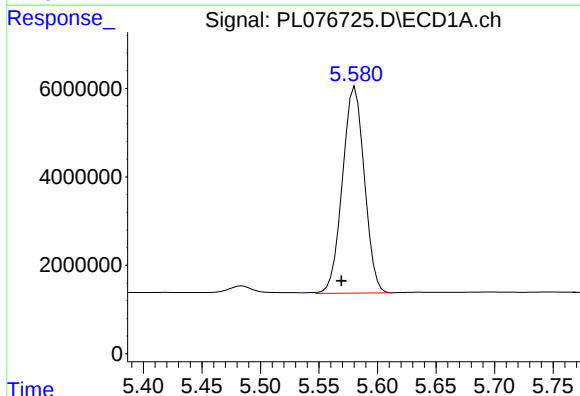
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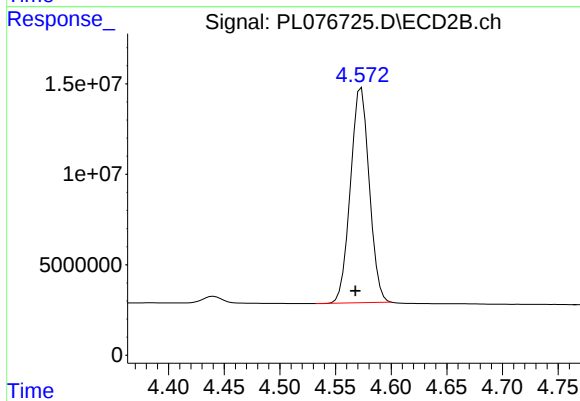
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: 0.004 min
Response: 171077900
Conc: 44.86 ng/ml



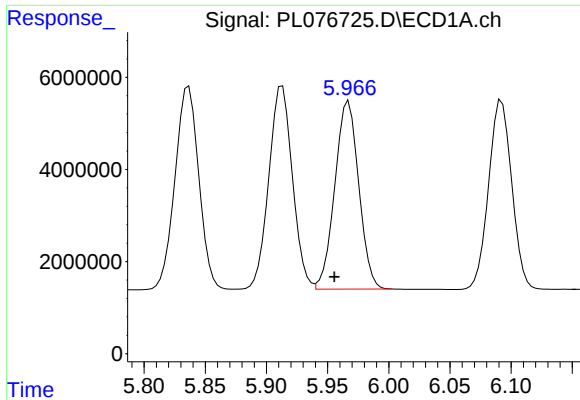
#8 Heptachlor epoxide

R.T.: 5.580 min
Delta R.T.: 0.011 min
Response: 60798326
Conc: 54.52 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: 0.005 min
Response: 140017698
Conc: 44.15 ng/ml



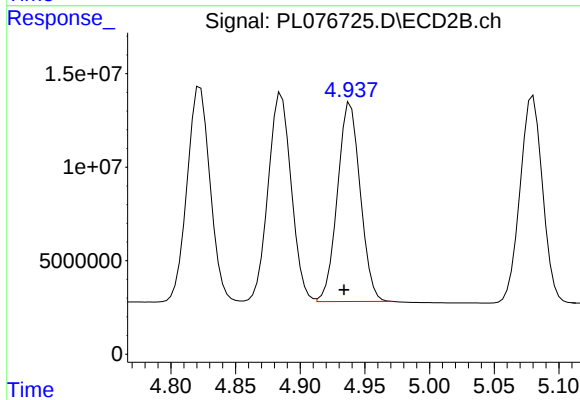
#9 Endosulfan I

R.T.: 5.967 min
Delta R.T.: 0.012 min
Response: 55523133
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

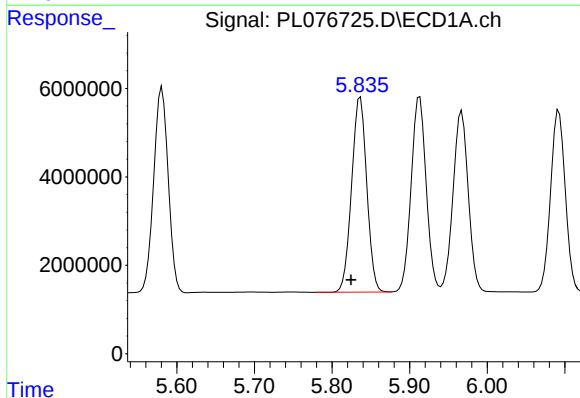
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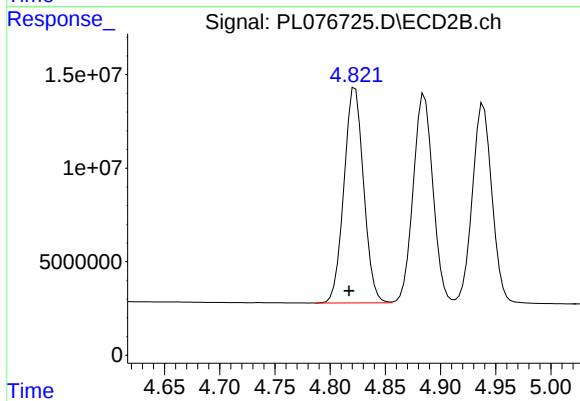
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 130127417
Conc: 44.97 ng/ml



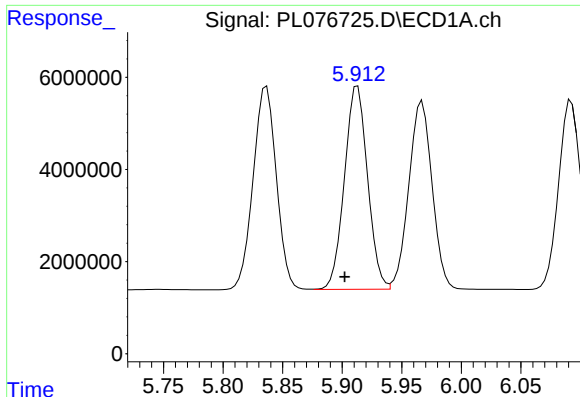
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: 0.012 min
Response: 59825539
Conc: 53.96 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: 0.005 min
Response: 142317086
Conc: 44.47 ng/ml



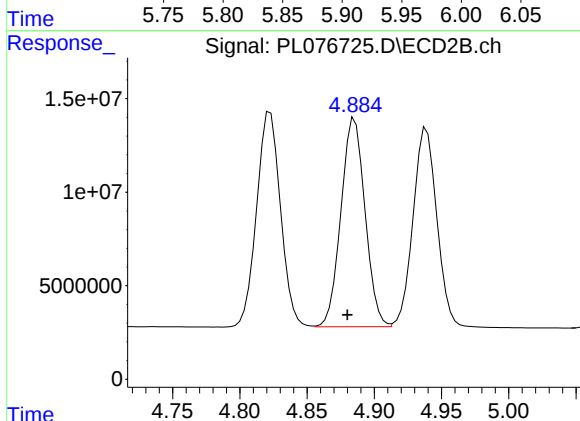
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: 0.011 min
Response: 59542687
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

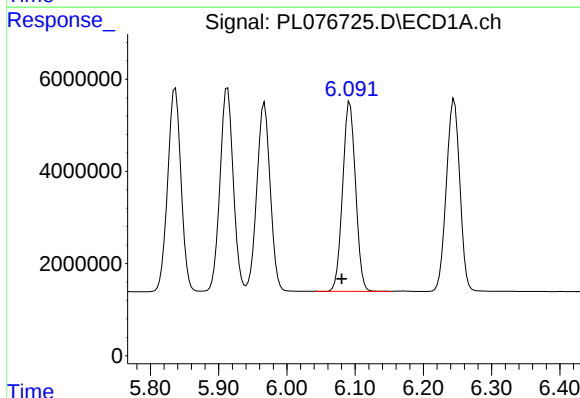
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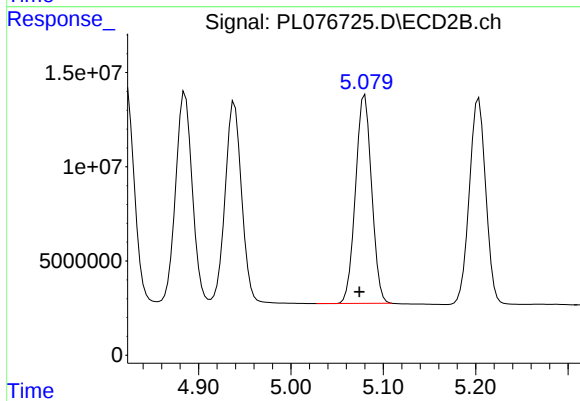
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: 0.005 min
Response: 138514027
Conc: 44.38 ng/ml



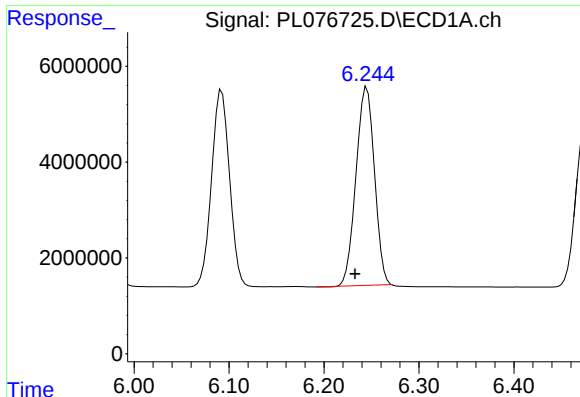
#12 4,4'-DDE

R.T.: 6.092 min
Delta R.T.: 0.012 min
Response: 54217195
Conc: 55.24 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: 0.006 min
Response: 133969686
Conc: 45.08 ng/ml



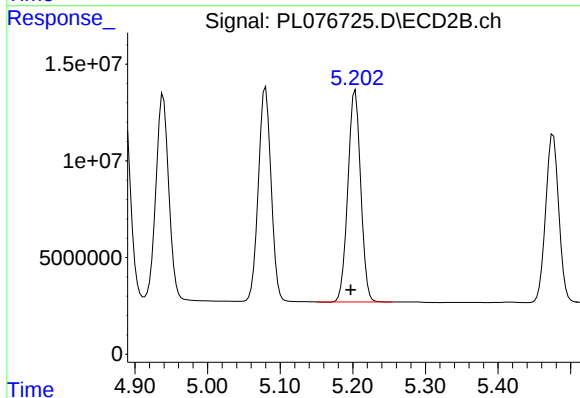
#13 Dieldrin

R.T.: 6.245 min
Delta R.T.: 0.012 min
Response: 55928040
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

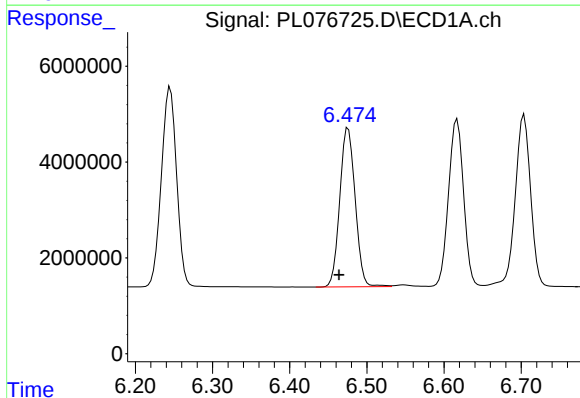
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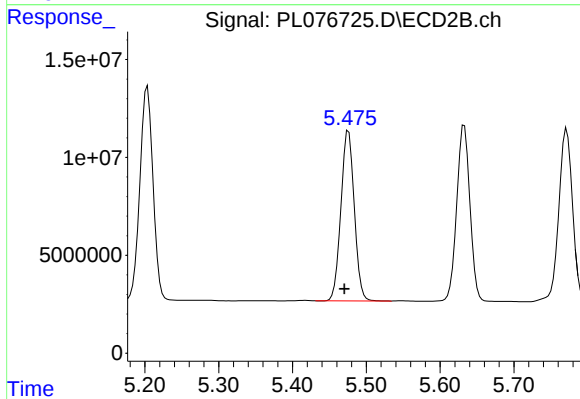
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: 0.006 min
Response: 134842193
Conc: 43.45 ng/ml



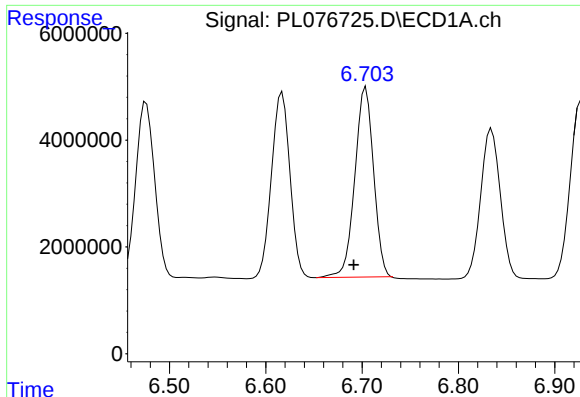
#14 Endrin

R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 46000611
Conc: 47.89 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: 0.006 min
Response: 109644942
Conc: 43.67 ng/ml



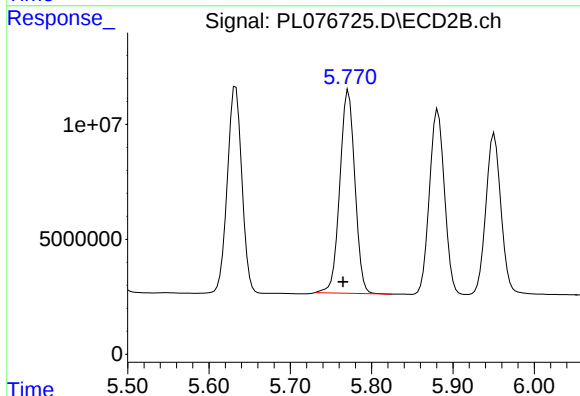
#15 Endosulfan II

R.T.: 6.704 min
Delta R.T.: 0.012 min
Response: 48070180
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

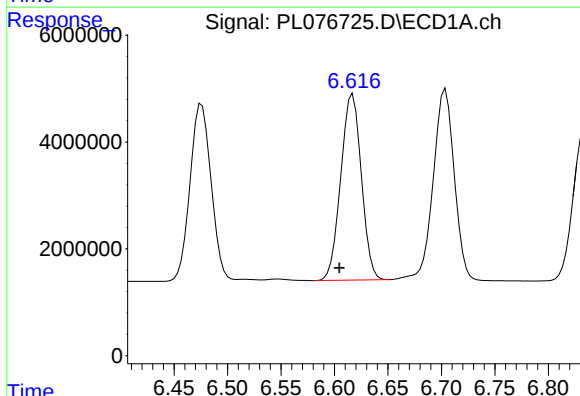
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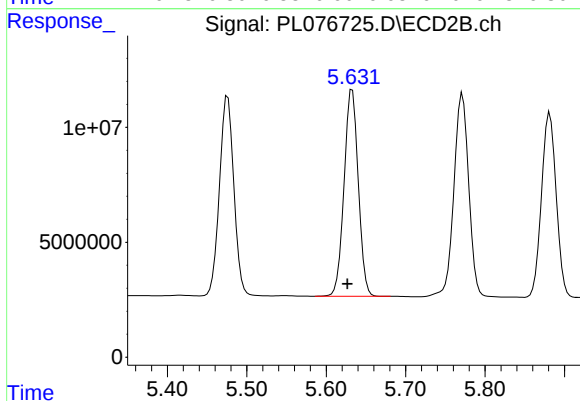
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.007 min
Response: 113342468
Conc: 47.26 ng/ml



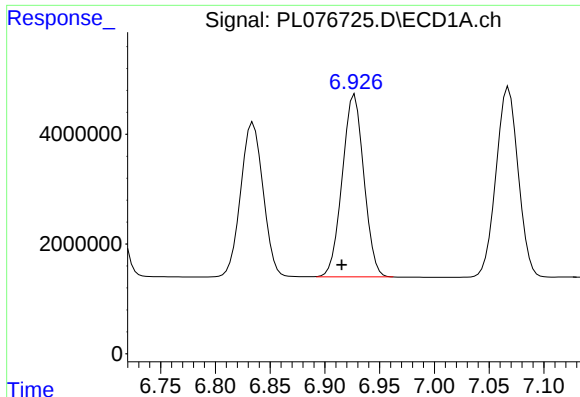
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.012 min
Response: 46719684
Conc: 56.04 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: 0.006 min
Response: 112100176
Conc: 47.32 ng/ml



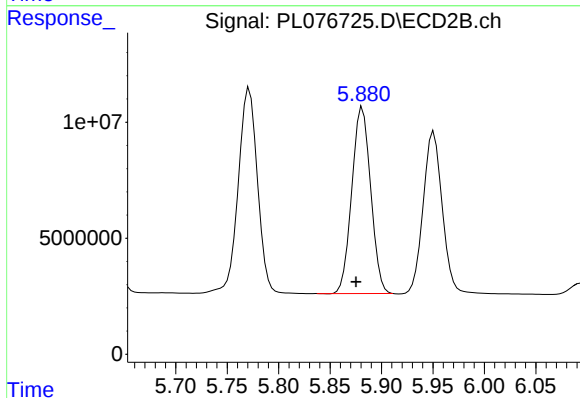
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: 0.010 min
Response: 45657852
Conc: 50.24 ng/ml

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ECD_L
ClientSampleId :
PB146535BS

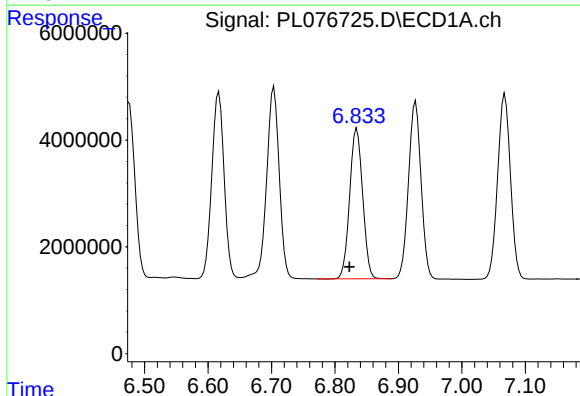
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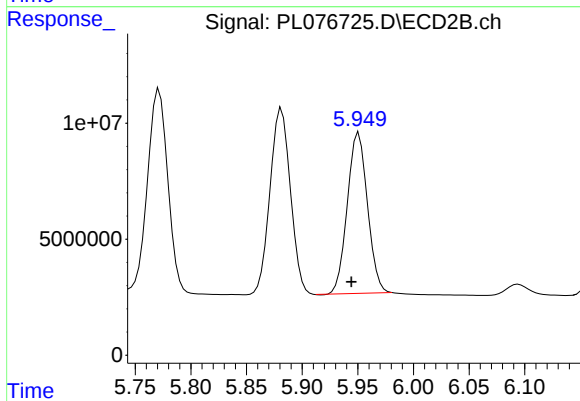
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: 0.006 min
Response: 102636762
Conc: 42.72 ng/ml



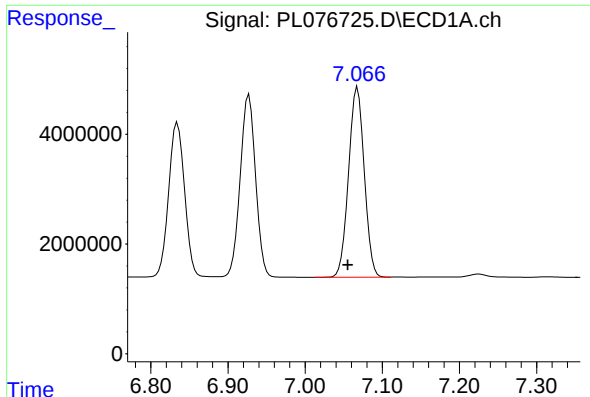
#18 Endrin aldehyde

R.T.: 6.834 min
Delta R.T.: 0.012 min
Response: 40032986
Conc: 54.91 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: 0.007 min
Response: 87440849
Conc: 46.41 ng/ml



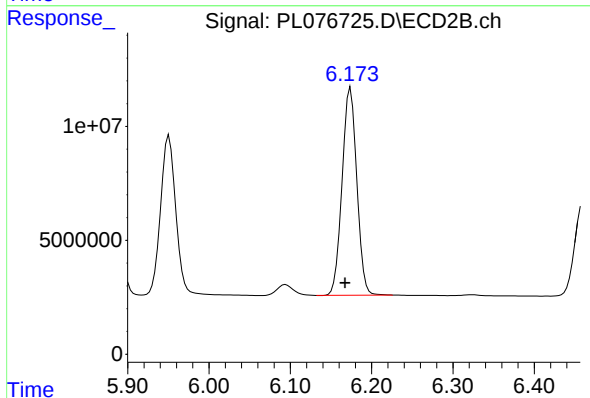
#19 Endosulfan Sulfate

R.T.: 7.068 min
Delta R.T.: 0.013 min
Response: 48801555
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

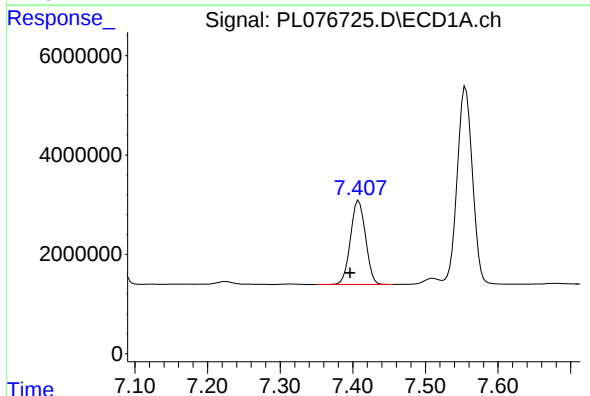
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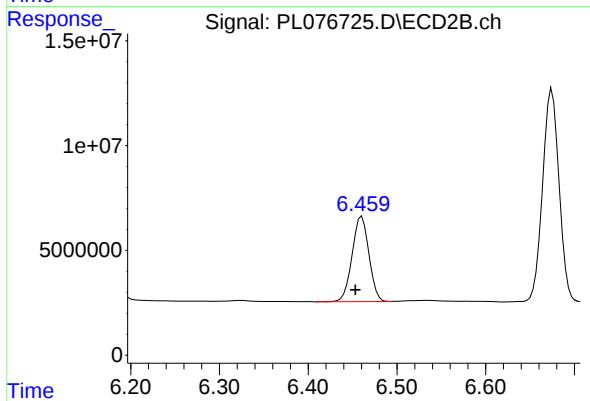
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.007 min
Response: 114338618
Conc: 46.48 ng/ml



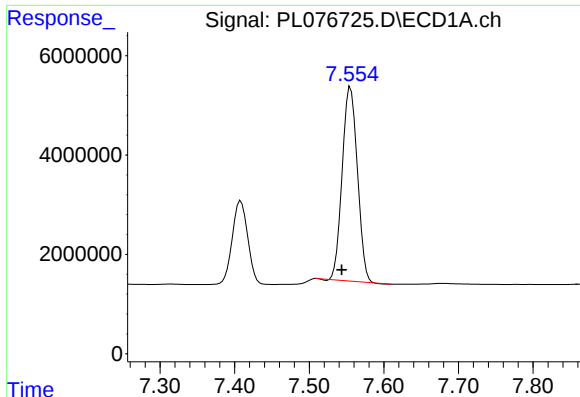
#20 Methoxychlor

R.T.: 7.408 min
Delta R.T.: 0.012 min
Response: 24316931
Conc: 48.06 ng/ml



#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: 0.007 min
Response: 53385564
Conc: 40.82 ng/ml



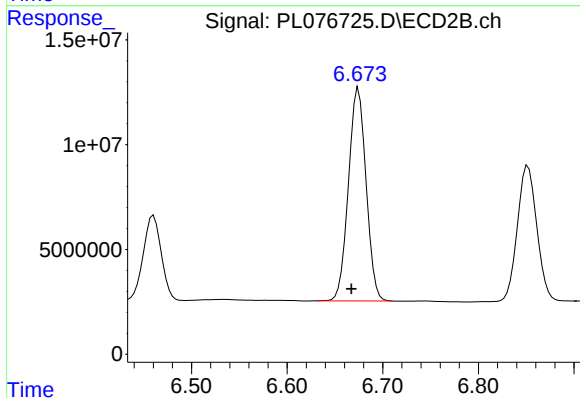
#21 Endrin ketone

R.T.: 7.555 min
Delta R.T.: 0.012 min
Response: 55193433
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

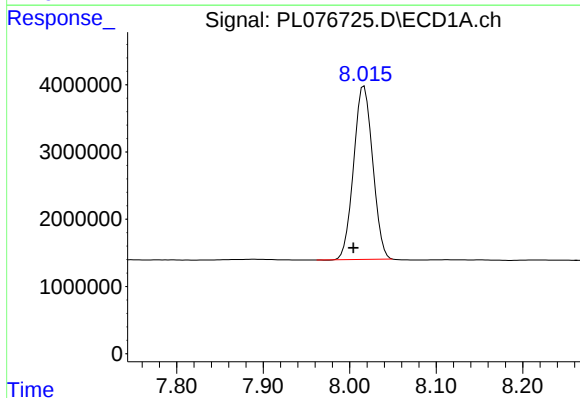
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2022
Supervised By :Ankita Jodhani 07/29/2022



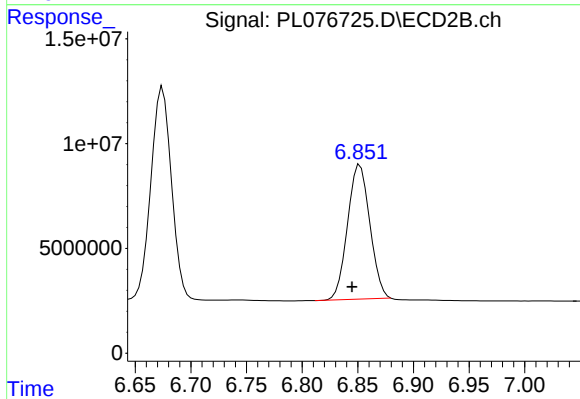
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: 0.007 min
Response: 130779577
Conc: 48.18 ng/ml



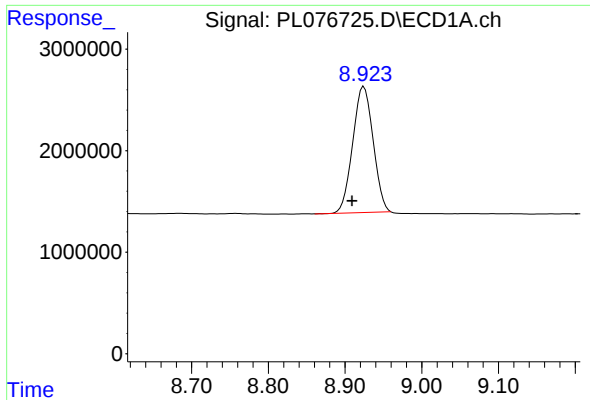
#22 Mirex

R.T.: 8.017 min
Delta R.T.: 0.012 min
Response: 39467522
Conc: 51.02 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: 0.007 min
Response: 89483528
Conc: 44.62 ng/ml



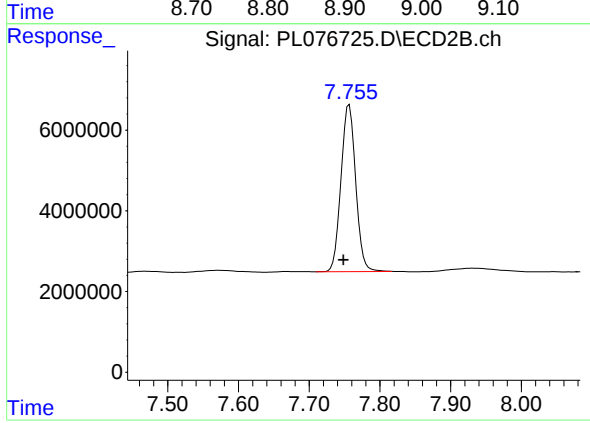
#28 Decachlorobiphenyl

R.T.: 8.925 min
Delta R.T.: 0.015 min
Response: 23054346
Conc: 26.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146535BS

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#28 Decachlorobiphenyl

R.T.: 7.757 min
Delta R.T.: 0.008 min
Response: 59829456
Conc: 23.31 ng/ml