

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
 Data File : PL076769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2022 15:34
 Operator : AR\AJ
 Sample : N3893-16MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RVE-16MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
 Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:51:50 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...	3.422	2.642	16182367	43142322	15.680	14.544
28)	SA Decachlor...	8.913	7.747	14017911	39035927	15.894m	15.208m
Target Compounds							
2)	A alpha-BHC	3.886	3.136	73816419	181.2E6	51.185	43.397
3)	MA gamma-BHC...	4.222	3.461	68005556	164.8E6	50.367	43.229
4)	MA Heptachlor	4.799	3.794	64927568	167.2E6	48.381	44.286
5)	MB Aldrin	5.139	4.070	57853166	150.5E6	48.166	42.794
6)	B beta-BHC	4.433	3.759	30089669	72150659	50.424	42.550
7)	B delta-BHC	4.677	3.984	46131750	167.4E6	41.619	43.905
8)	B Heptachlo...	5.571	4.569	53102932	134.0E6	47.623	42.235
9)	A Endosulfan I	5.958	4.935	48832603	99080030	47.269	34.240m#
10)	B gamma-Chl...	5.827	4.819	58068914	140.2E6	52.373	43.821
11)	B alpha-Chl...	5.905	4.882	54515963	129.6E6	49.276	41.532
12)	B 4,4'-DDE	6.081	5.076	54690867	167.9E6	55.720m	56.504
13)	MA Dieldrin	6.236	5.199	47311159	129.2E6	44.953	41.640
14)	MA Endrin	6.467	5.471	43641097	117.9E6	45.432	46.957
15)	B Endosulfa...	6.694	5.767	42774505	105.9E6	47.659	44.172
16)	A 4,4'-DDD	6.607	5.629	132.1E6	349.1E6	158.491	147.372
17)	MA 4,4'-DDT	6.918	5.877	56612577	133.8E6	62.298	55.685
18)	B Endrin al...	6.825	5.946	34601003	74904593	47.461	39.757
19)	B Endosulfa...	7.057	6.168	44838760	127.4E6	49.860	51.781
20)	A Methoxychlor	7.399	6.456	23386228	69479425	46.216	53.123
21)	B Endrin ke...	7.546	6.668	44918691	97113982	43.926	35.781m
22)	Mirex	8.008	6.846	43401620	79312672	56.111	39.549m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
Data File : PL076769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2022 15:34
Operator : AR\AJ
Sample : N3893-16MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

RVE-16MS

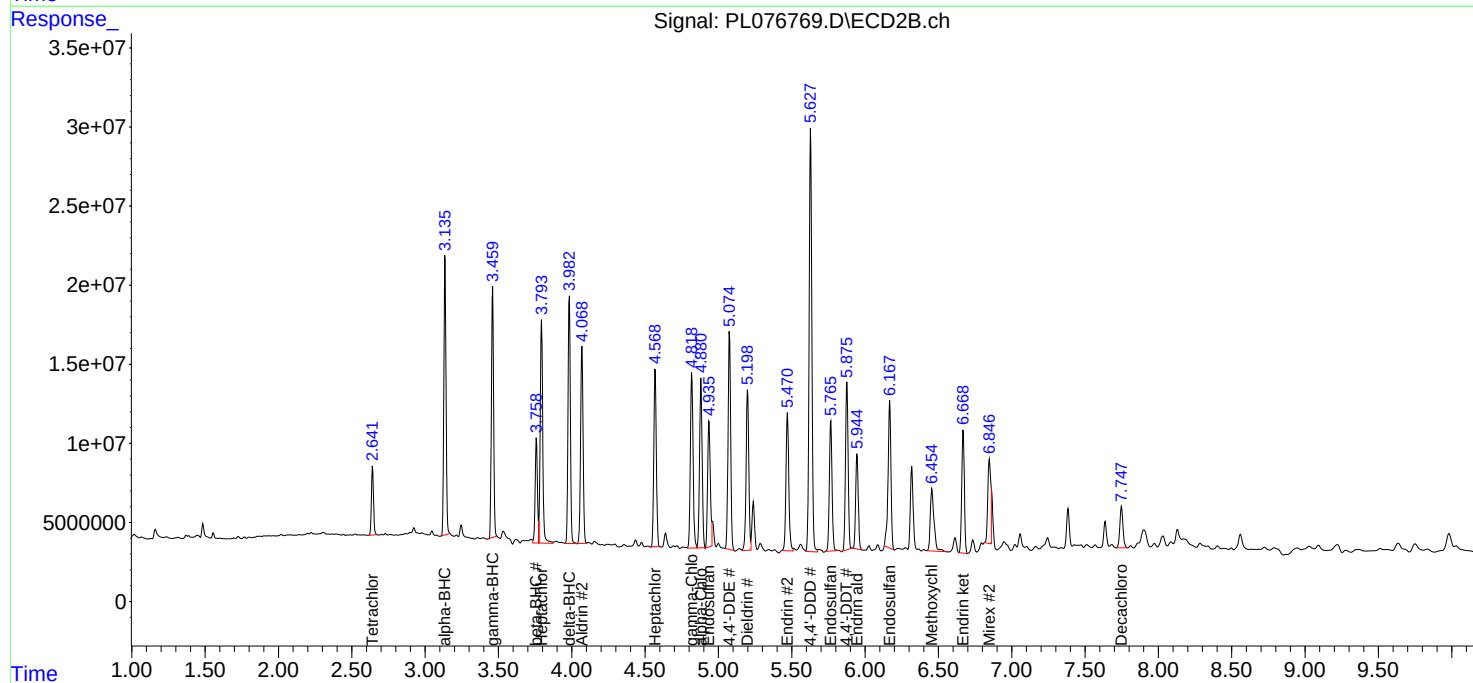
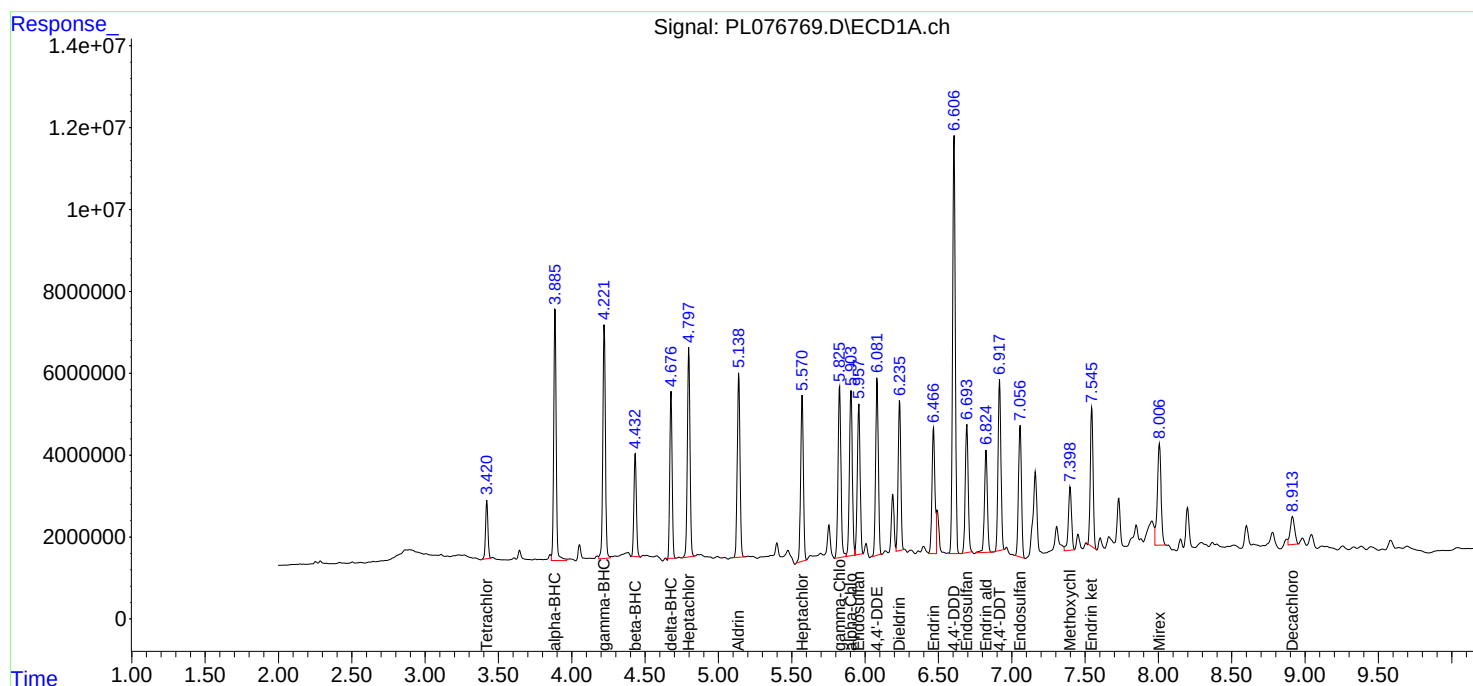
Manual Integrations

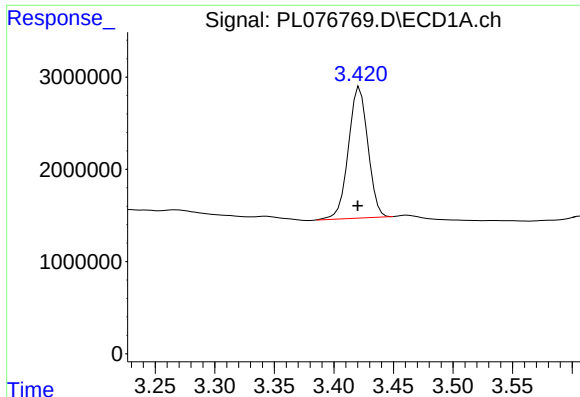
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Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:51:50 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
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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





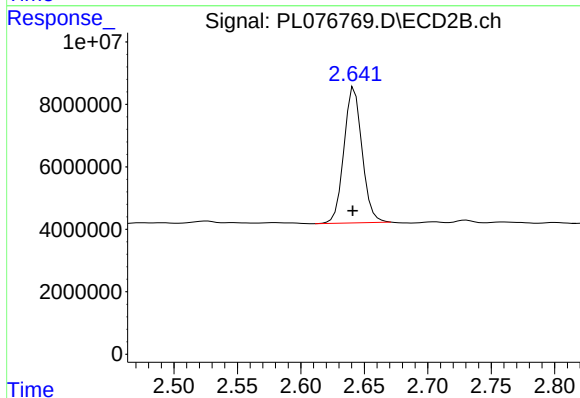
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 16182367
Conc: 15.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

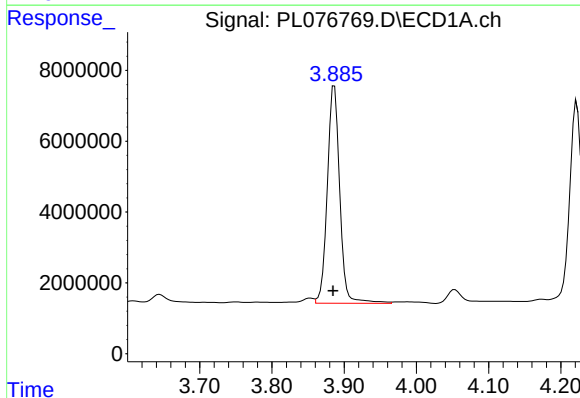
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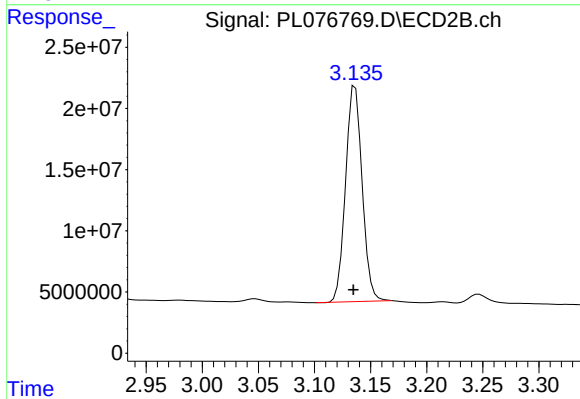
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: 0.002 min
Response: 43142322
Conc: 14.54 ng/ml



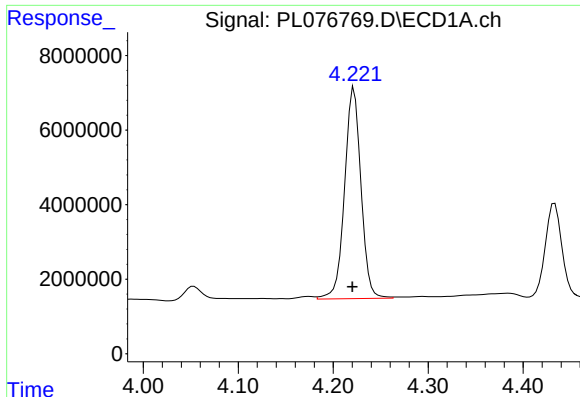
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 73816419
Conc: 51.18 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: 0.002 min
Response: 181187912
Conc: 43.40 ng/ml



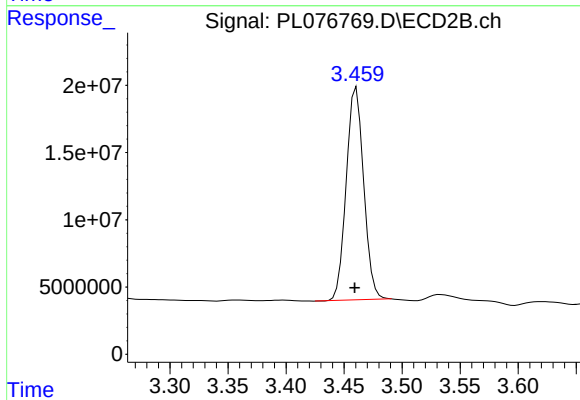
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 68005556
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

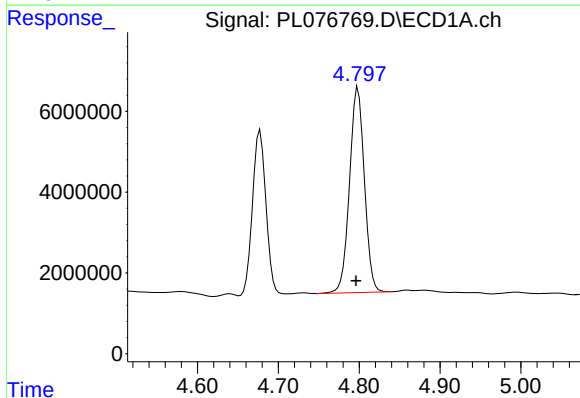
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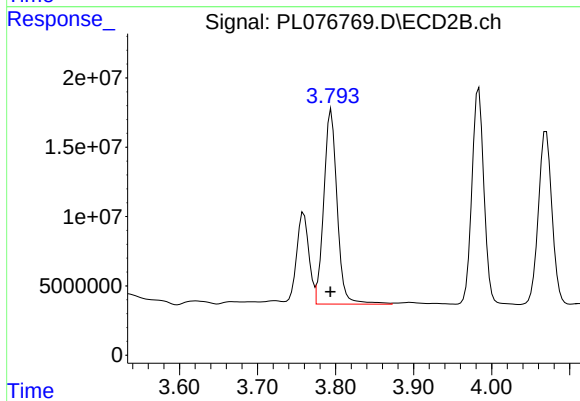
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.001 min
Response: 164764116
Conc: 43.23 ng/ml



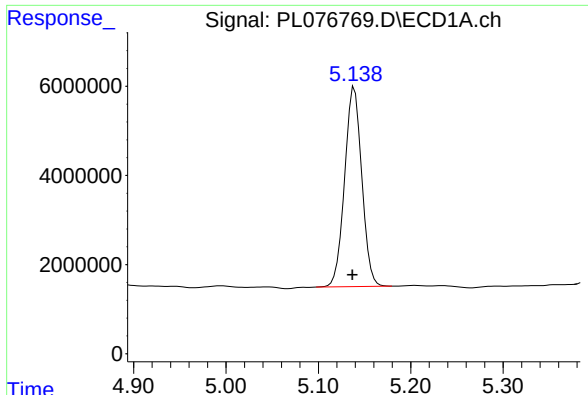
#4 Heptachlor

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 64927568
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 3.794 min
Delta R.T.: 0.001 min
Response: 167215103
Conc: 44.29 ng/ml



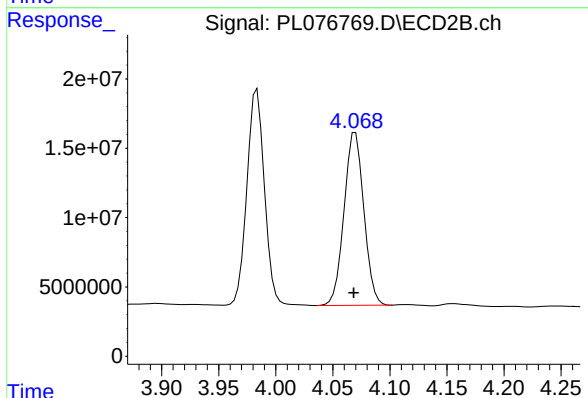
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: 0.002 min
Response: 57853166
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

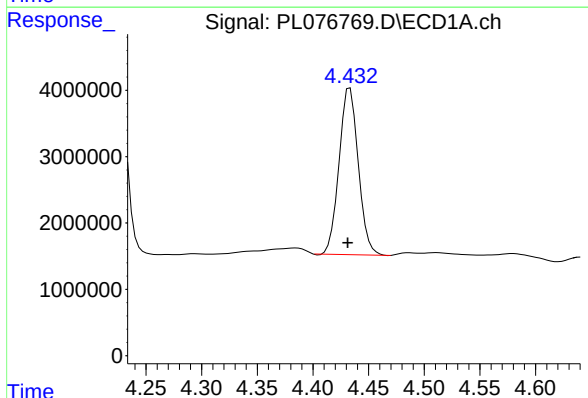
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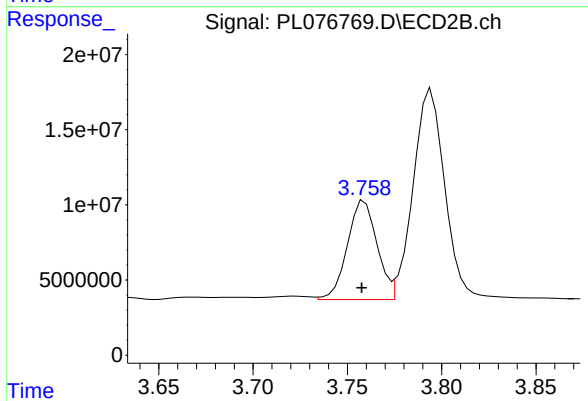
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: 0.001 min
Response: 150543482
Conc: 42.79 ng/ml



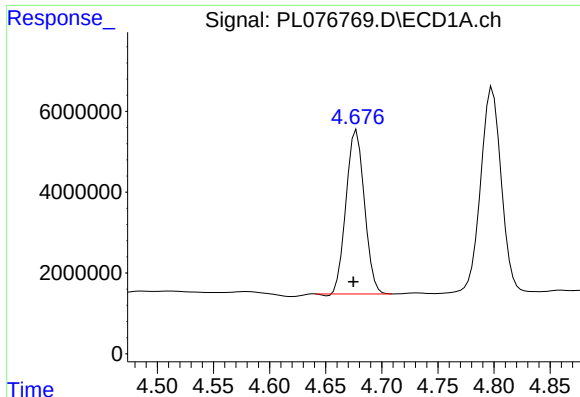
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 30089669
Conc: 50.42 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 72150659
Conc: 42.55 ng/ml



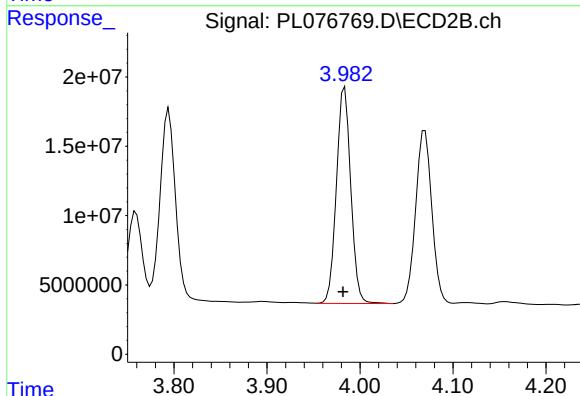
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.003 min
Response: 46131750
Conc: 41.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

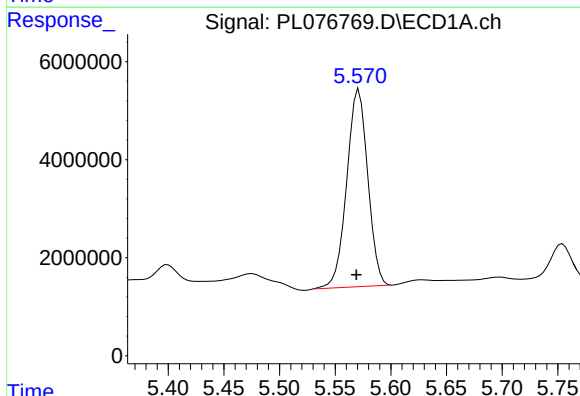
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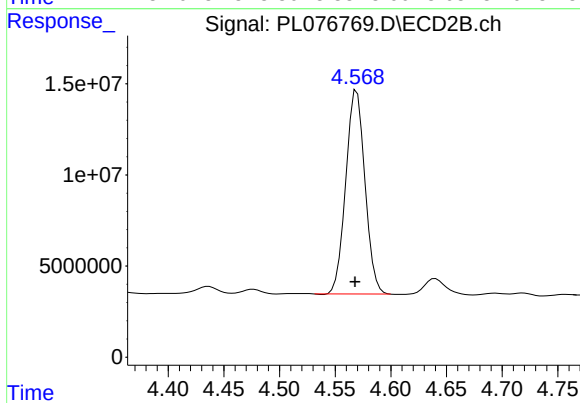
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: 0.002 min
Response: 167426201
Conc: 43.91 ng/ml



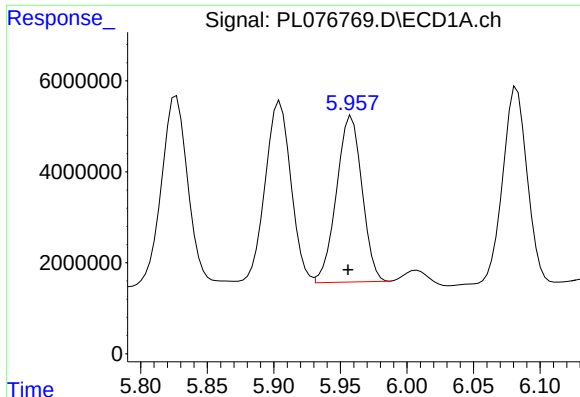
#8 Heptachlor epoxide

R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 53102932
Conc: 47.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: 0.001 min
Response: 133959260
Conc: 42.24 ng/ml



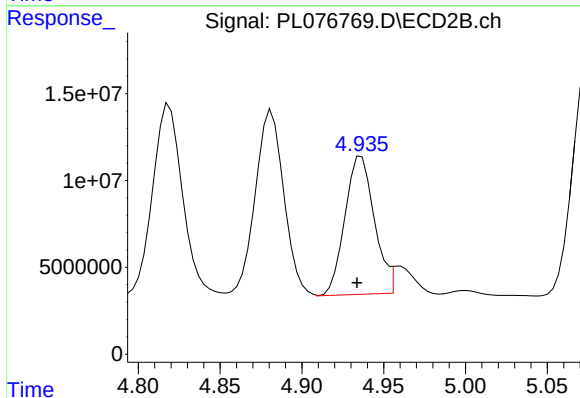
#9 Endosulfan I

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 48832603
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

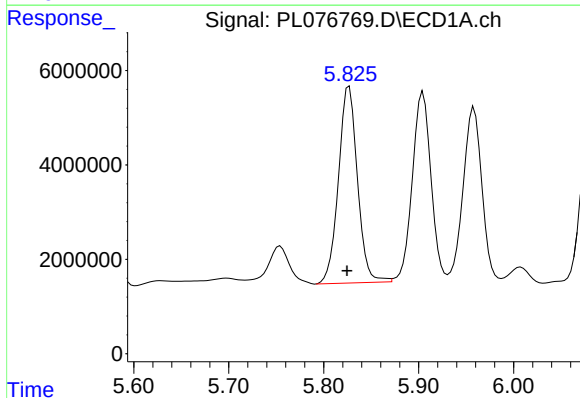
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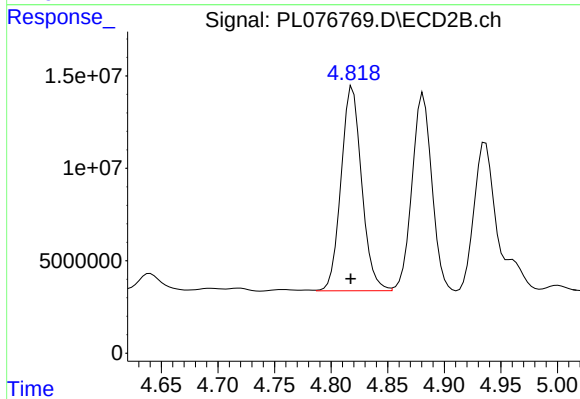
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 99080030
Conc: 34.24 ng/ml m



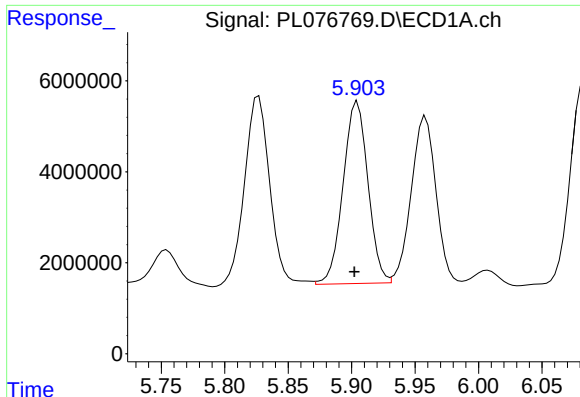
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 58068914
Conc: 52.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.002 min
Response: 140245977
Conc: 43.82 ng/ml



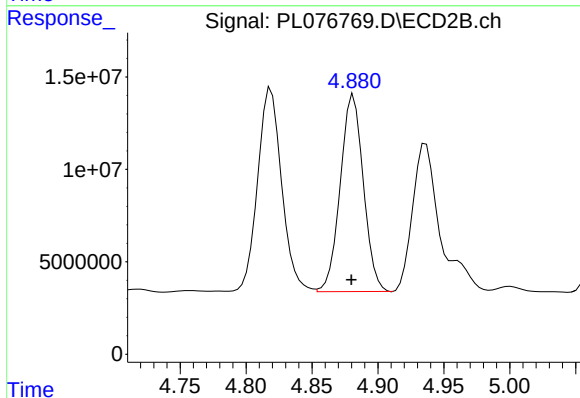
#11 alpha-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.002 min
Response: 54515963
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

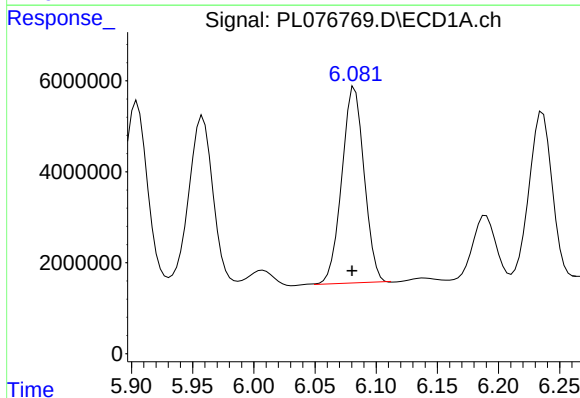
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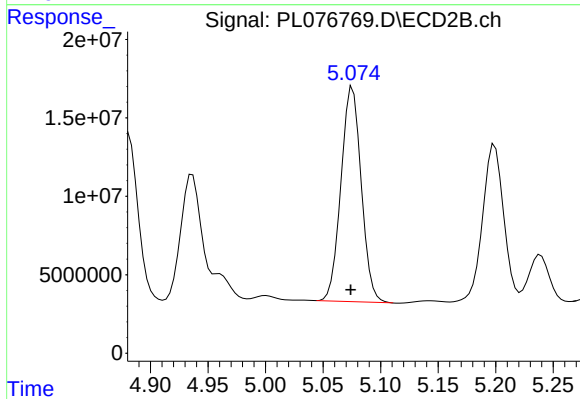
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.002 min
Response: 129617710
Conc: 41.53 ng/ml



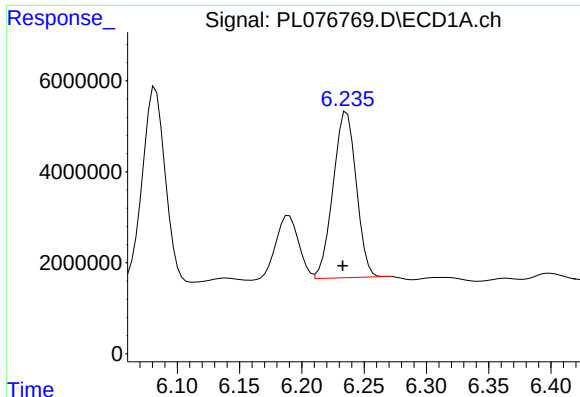
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 54690867
Conc: 55.72 ng/ml m



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.002 min
Response: 167933779
Conc: 56.50 ng/ml



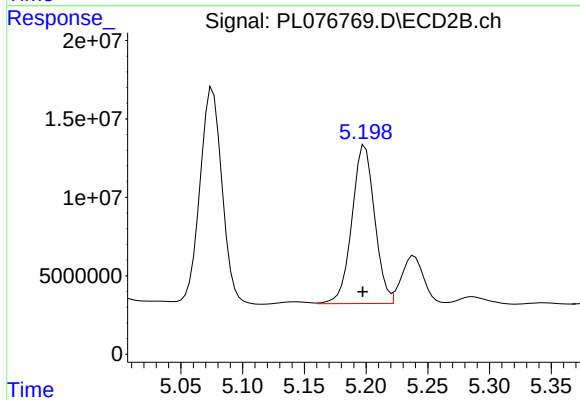
#13 Dieldrin

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 47311159
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

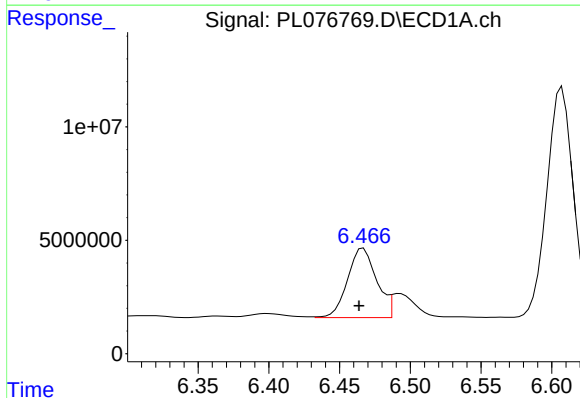
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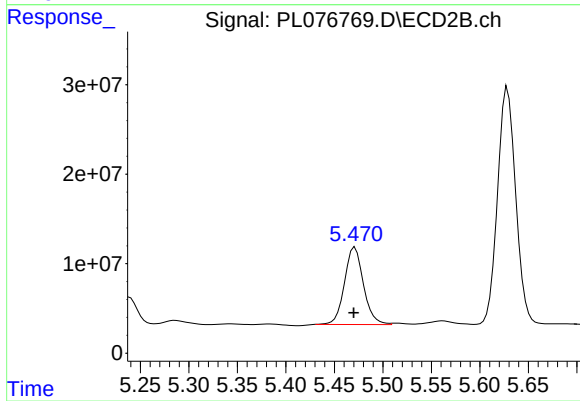
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: 0.002 min
Response: 129211509
Conc: 41.64 ng/ml



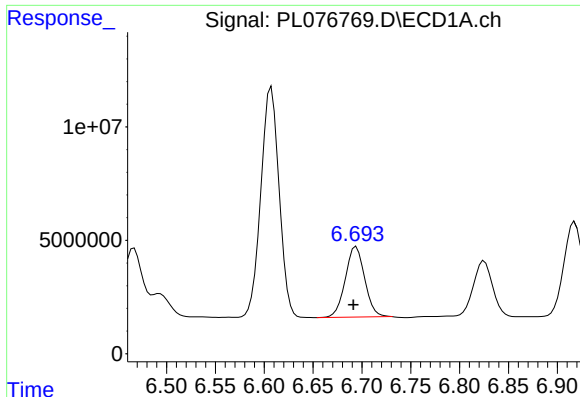
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 43641097
Conc: 45.43 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: 0.001 min
Response: 117883825
Conc: 46.96 ng/ml



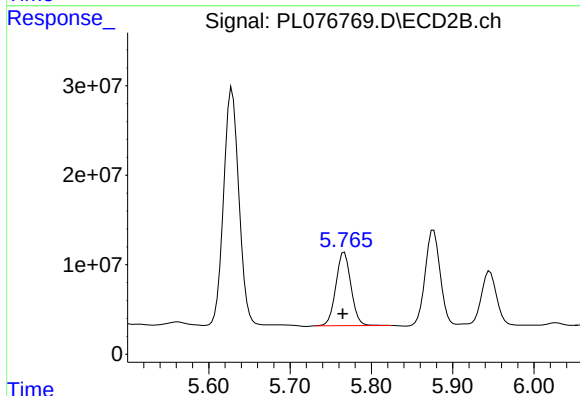
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: 0.003 min
Response: 42774505
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

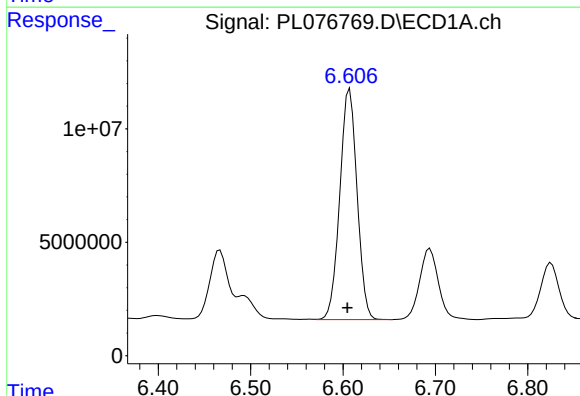
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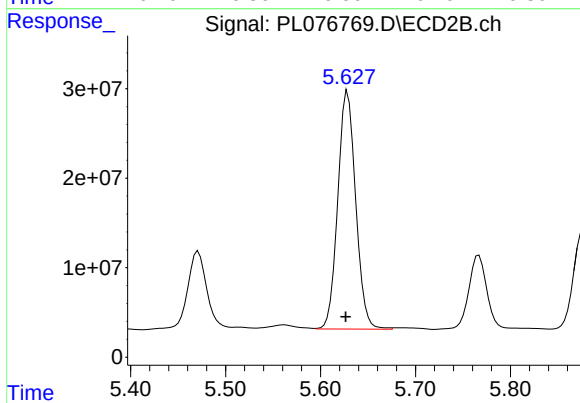
#15 Endosulfan II

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 105927848
Conc: 44.17 ng/ml



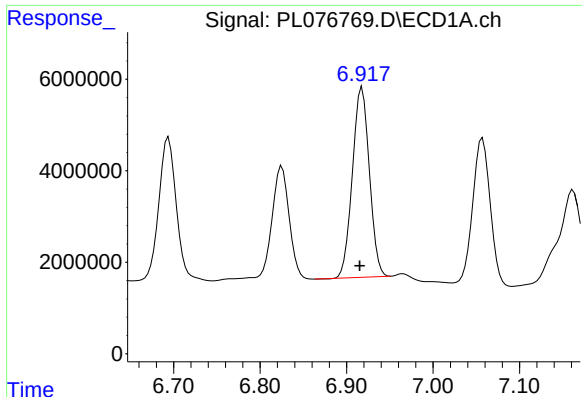
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 132126792
Conc: 158.49 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 349125832
Conc: 147.37 ng/ml



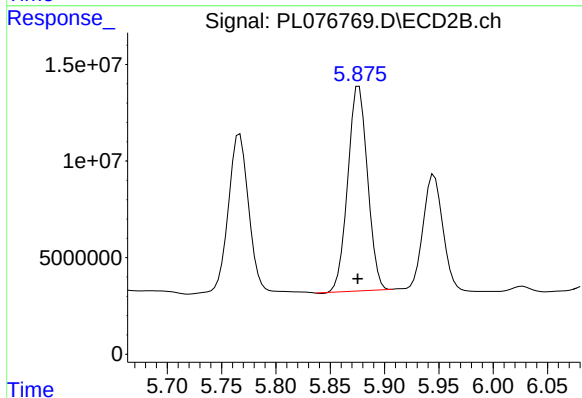
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 56612577
Conc: 62.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

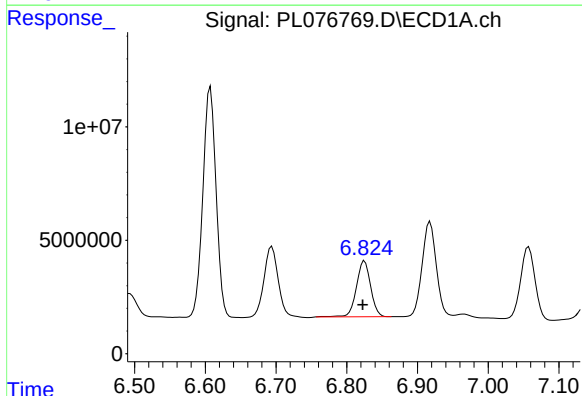
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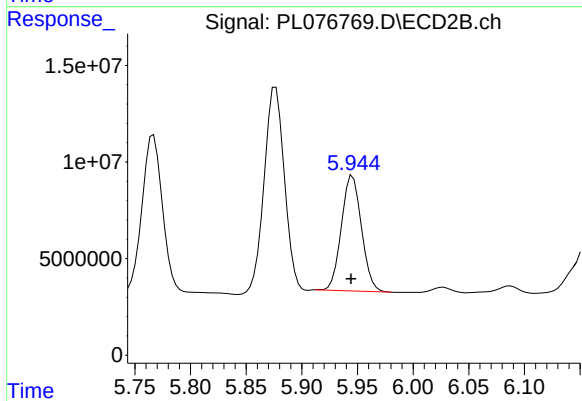
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 133788580
Conc: 55.68 ng/ml



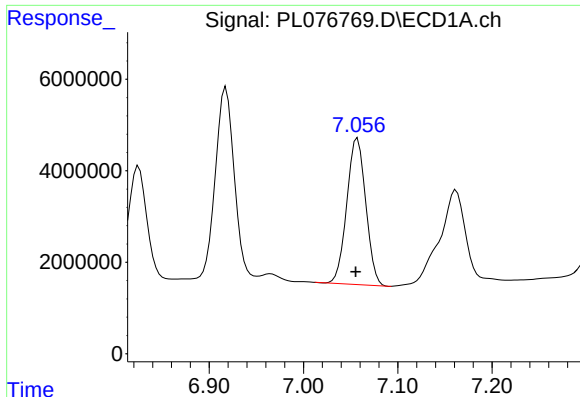
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 34601003
Conc: 47.46 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 74904593
Conc: 39.76 ng/ml



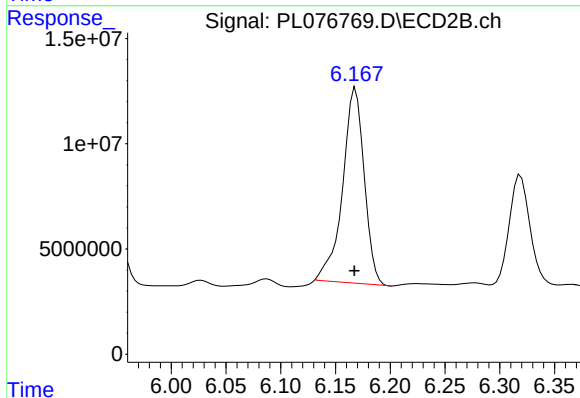
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 44838760
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

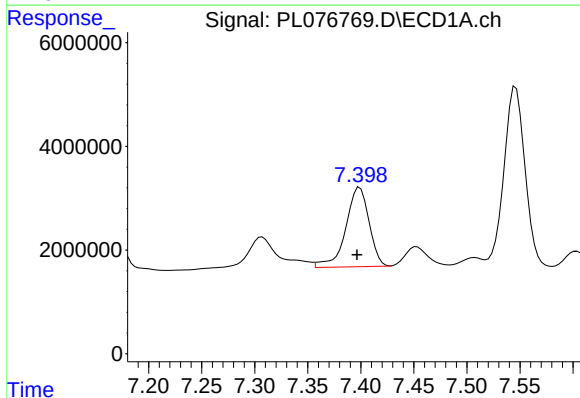
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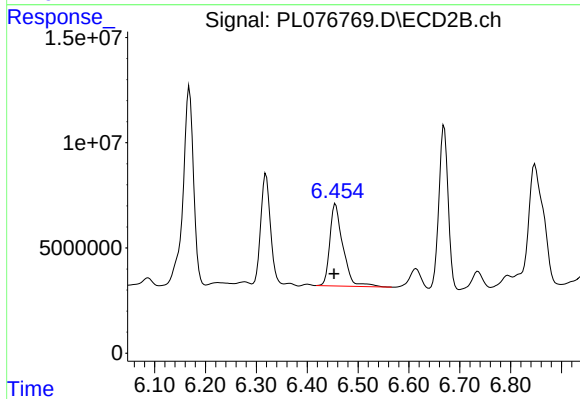
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 127367625
Conc: 51.78 ng/ml



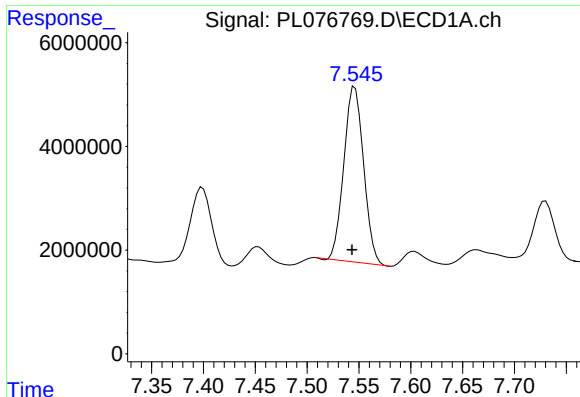
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.003 min
Response: 23386228
Conc: 46.22 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: 0.003 min
Response: 69479425
Conc: 53.12 ng/ml



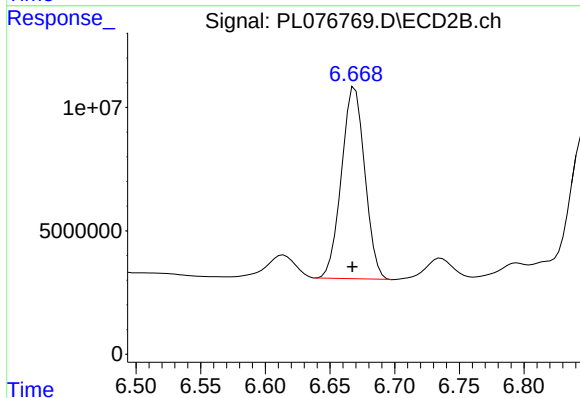
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.003 min
Response: 44918691
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

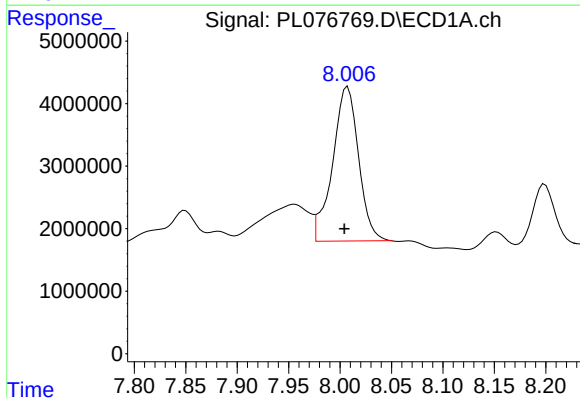
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Supervised By :mohammad ahmed 08/01/2022



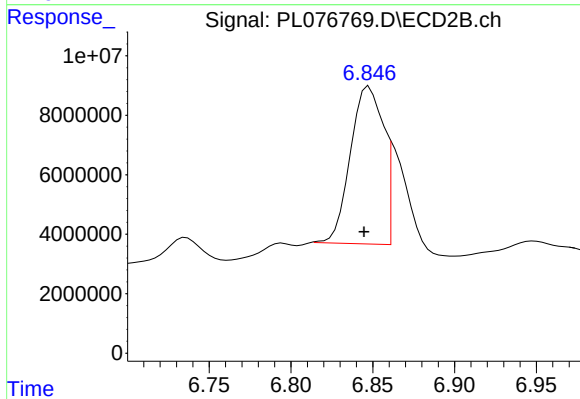
#21 Endrin ketone

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 97113982
Conc: 35.78 ng/ml m



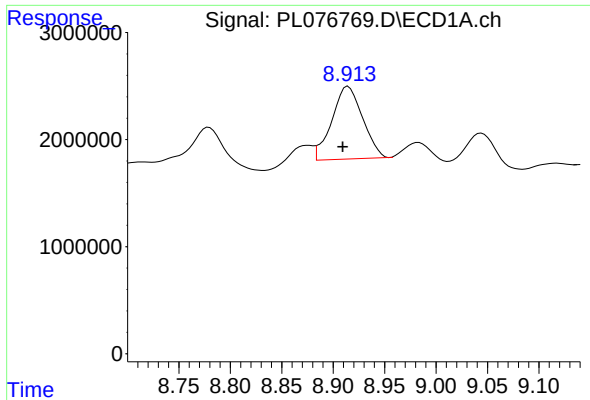
#22 Mirex

R.T.: 8.008 min
Delta R.T.: 0.003 min
Response: 43401620
Conc: 56.11 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 79312672
Conc: 39.55 ng/ml m



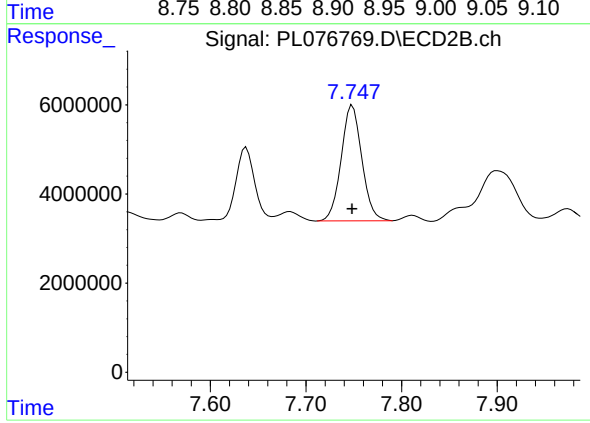
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.004 min
Response: 14017911
Conc: 15.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MS

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
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#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.001 min
Response: 39035927
Conc: 15.21 ng/ml m