

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080122\
 Data File : PL076822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2022 17:30
 Operator : AR\AJ
 Sample : PB146587BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB146587BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/02/2022
 Supervised By :mohammad ahmed 08/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 04:24:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 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...	3.420	2.662f	17105425	44056666	17.968	19.088m
28)	SA Decachlor...	8.911	7.770f	16265128	41249951	20.468	21.456
Target Compounds							
2)	A alpha-BHC	3.885	3.156f	70116587	185.0E6	50.941	55.731m
3)	MA gamma-BHC...	4.220	3.481f	66032446	164.3E6	52.074	57.444m
4)	MA Heptachlor	4.797	3.780	65638612	67685468	53.649	23.558 #
5)	MB Aldrin	5.137	4.091f	59639883	152.2E6	51.230	54.748
6)	B beta-BHC	4.431	3.779f	29344804	69358860	55.529	56.936m
7)	B delta-BHC	4.675	4.005f	56703007	169.2E6	60.244	55.245
8)	B Heptachlo...	5.570	4.590f	53095173	138.8E6	56.794	56.763
9)	A Endosulfan I	5.956	4.955f	51539682	127.8E6	53.662	60.196m
10)	B gamma-Chl...	5.825	4.839f	55278732	138.6E6	54.076	56.595
11)	B alpha-Chl...	5.903	4.902f	55337092	132.8E6	52.792	55.354
12)	B 4,4'-DDE	6.081	5.095f	49916403	132.8E6	52.882	57.018m
13)	MA Dieldrin	6.234	5.219f	52767387	134.3E6	51.678	55.382
14)	MA Endrin	6.465	5.492f	46614345	119.0E6	50.598	54.989
15)	B Endosulfa...	6.692	5.787f	44485866	110.4E6	49.632	50.025
16)	A 4,4'-DDD	6.605	5.649f	44149595	107.6E6	51.657	57.646
17)	MA 4,4'-DDT	6.916	5.897f	45902343	109.8E6	54.524	58.786m
18)	B Endrin al...	6.824	5.965f	36400564	83659297	49.468	51.910m
19)	B Endosulfa...	7.057	6.190f	45297781	107.9E6	52.659	56.264
20)	A Methoxychlor	7.397	6.476f	25161148	57253417	52.228	56.087
21)	B Endrin ke...	7.544	6.688f	49989569	120.1E6	53.643	57.544m
22)	Mirex	8.005	6.866f	38448979	89605498	52.049	55.625m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080122\
Data File : PL076822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2022 17:30
Operator : AR\AJ
Sample : PB146587BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

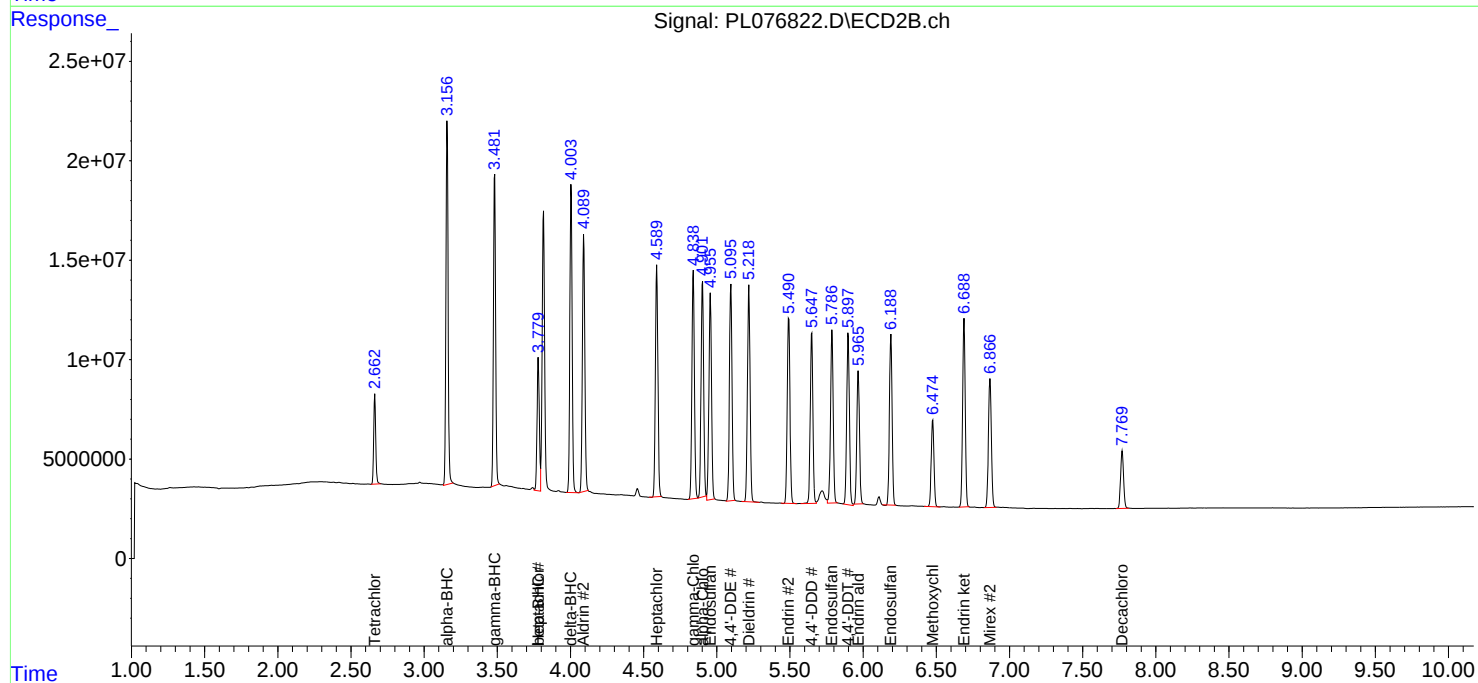
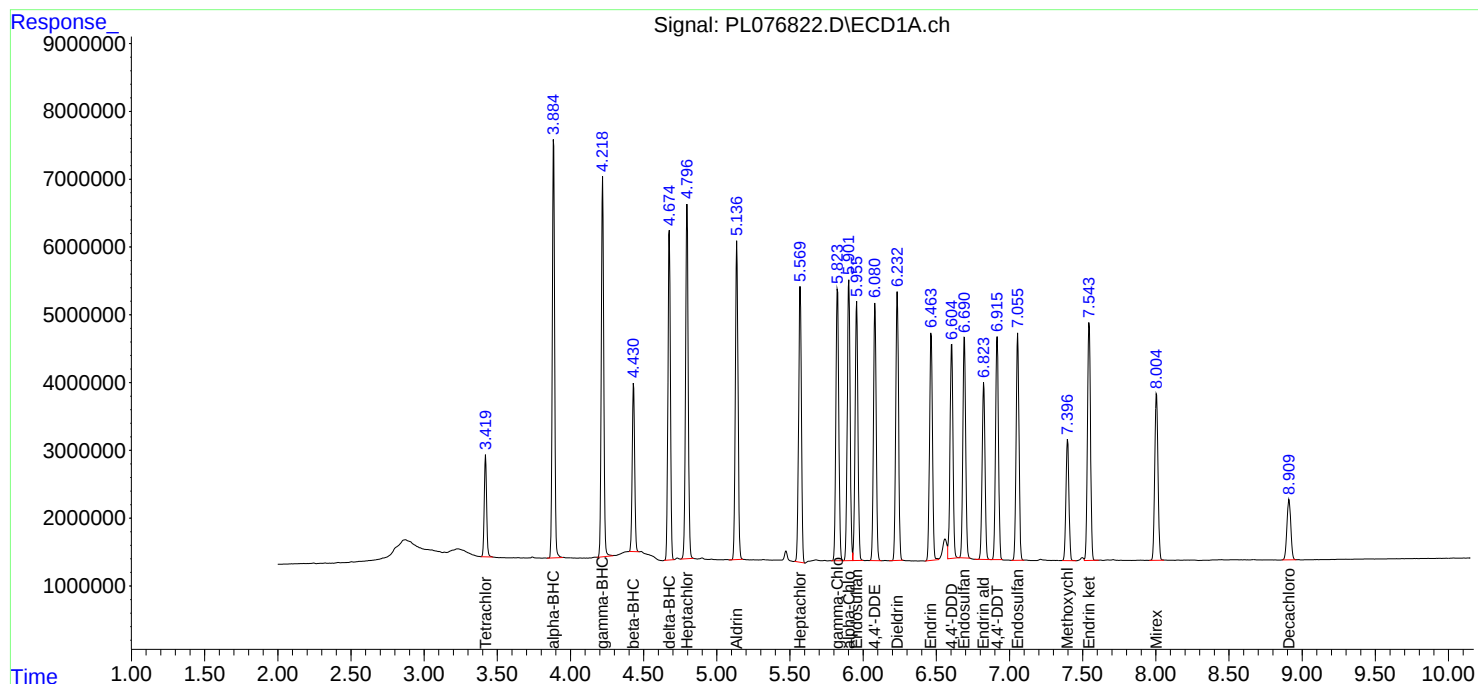
Instrument :
ECD_L
ClientSampleId :
PB146587BS

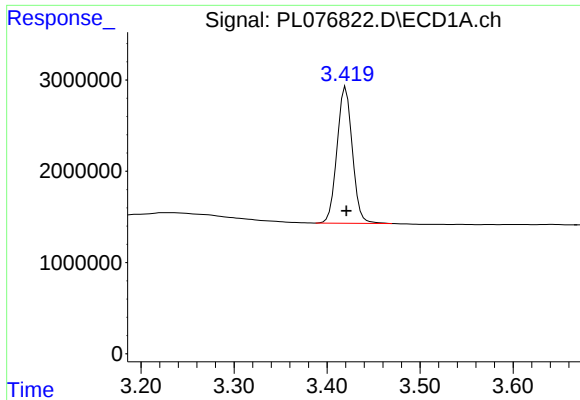
Manual Integrations
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Supervised By :mohammad ahmed 08/02/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 04:24:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
Quant Title : GC Extractables
QLast Update : Mon Aug 01 16:34:20 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





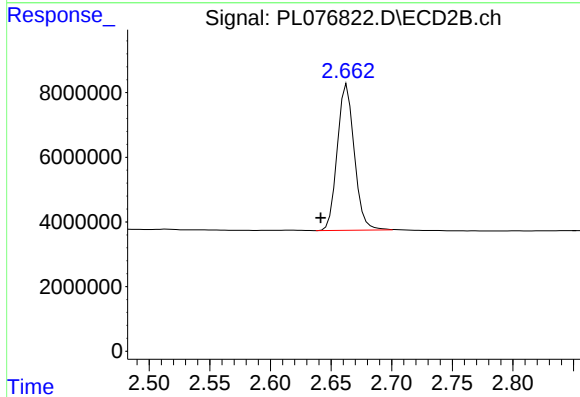
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 17105425
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

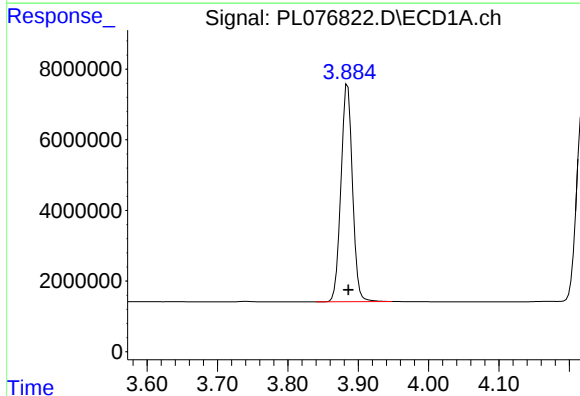
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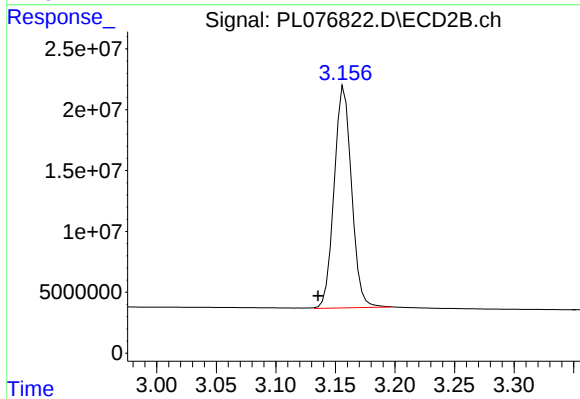
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: 0.020 min
Response: 44056666
Conc: 19.09 ng/ml m



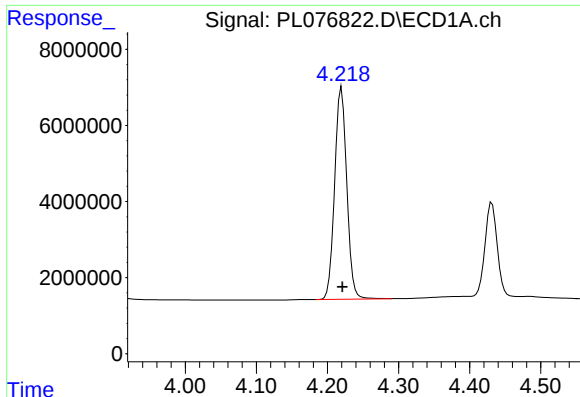
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 70116587
Conc: 50.94 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.021 min
Response: 185025917
Conc: 55.73 ng/ml m



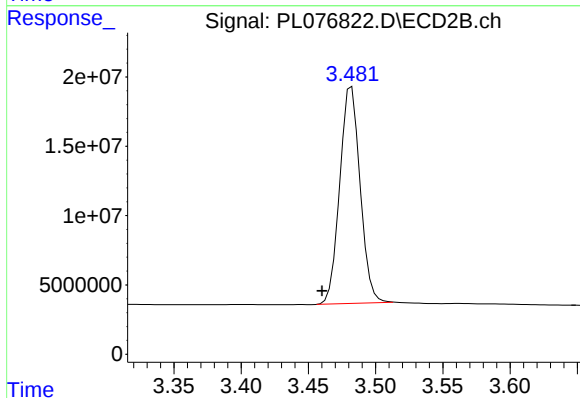
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 66032446
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

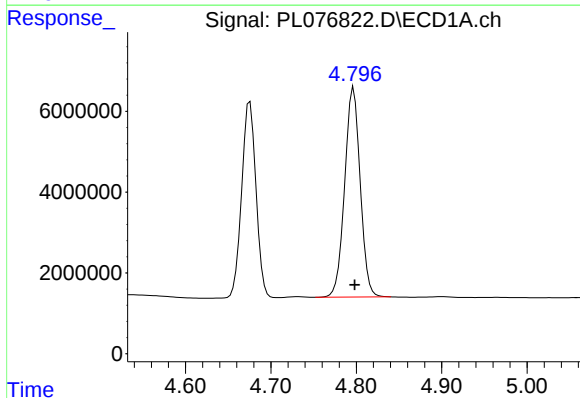
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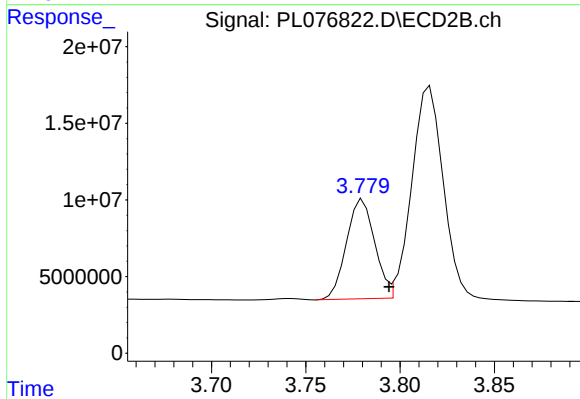
#3 gamma-BHC (Lindane)

R.T.: 3.481 min
Delta R.T.: 0.020 min
Response: 164285789
Conc: 57.44 ng/ml m



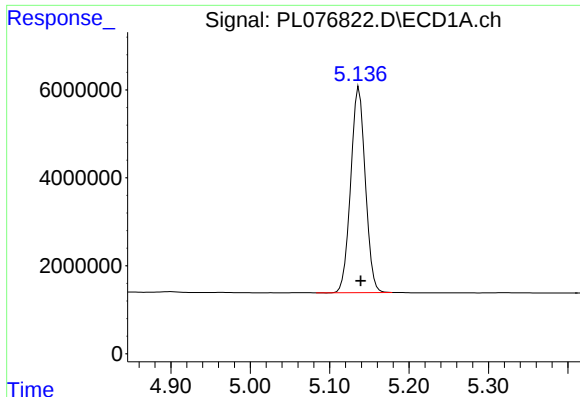
#4 Heptachlor

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 65638612
Conc: 53.65 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: -0.014 min
Response: 67685468
Conc: 23.56 ng/ml



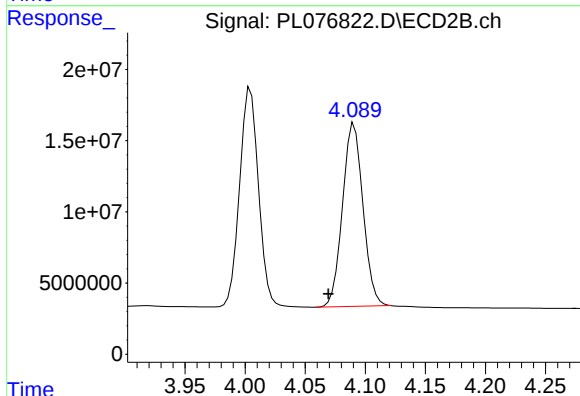
#5 Aldrin

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 59639883
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

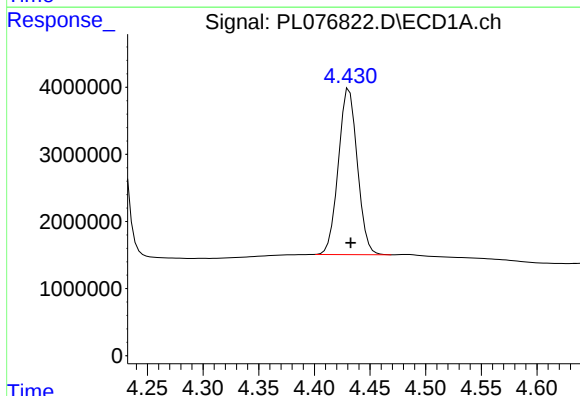
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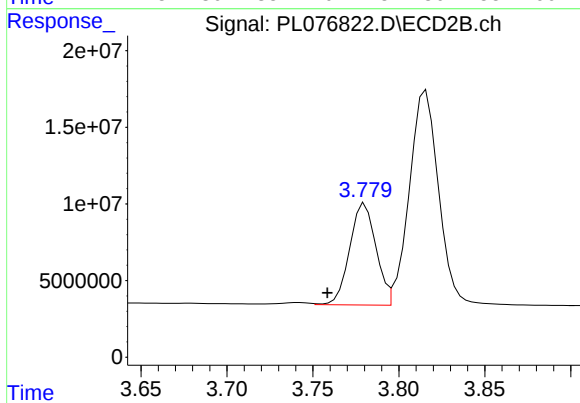
#5 Aldrin

R.T.: 4.091 min
Delta R.T.: 0.022 min
Response: 152215623
Conc: 54.75 ng/ml



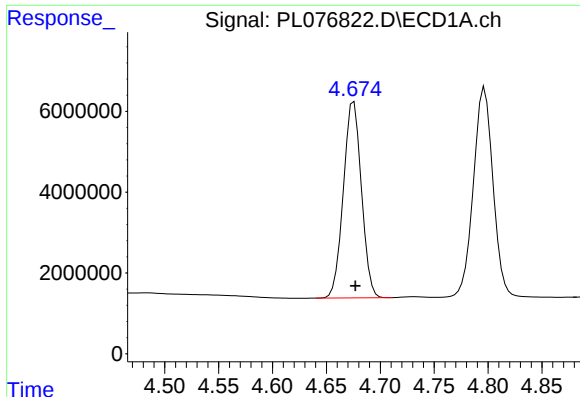
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: -0.001 min
Response: 29344804
Conc: 55.53 ng/ml



#6 beta-BHC

R.T.: 3.779 min
Delta R.T.: 0.020 min
Response: 69358860
Conc: 56.94 ng/ml m



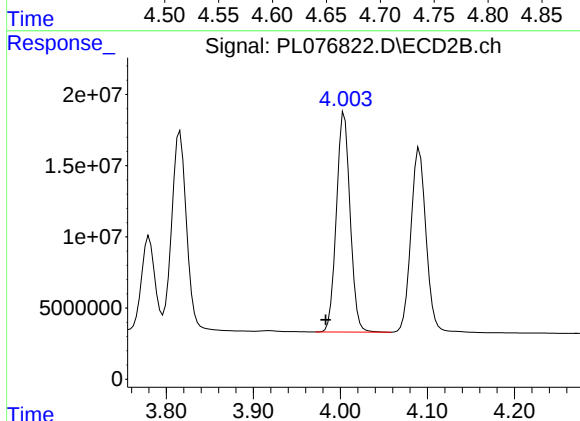
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 56703007
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

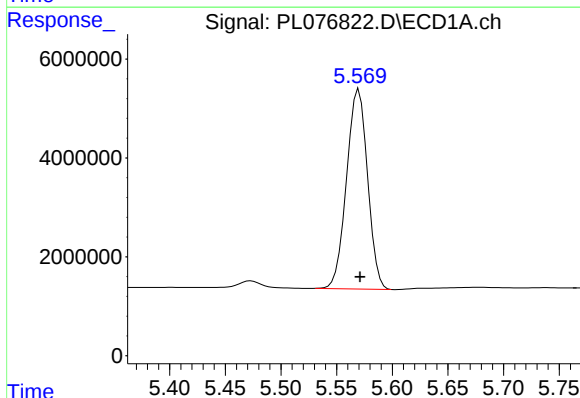
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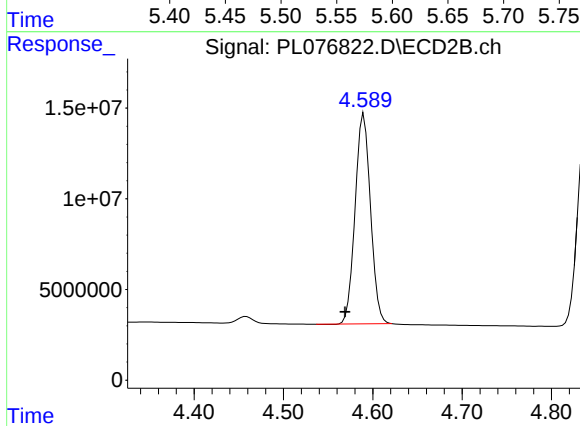
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: 0.021 min
Response: 169190703
Conc: 55.25 ng/ml



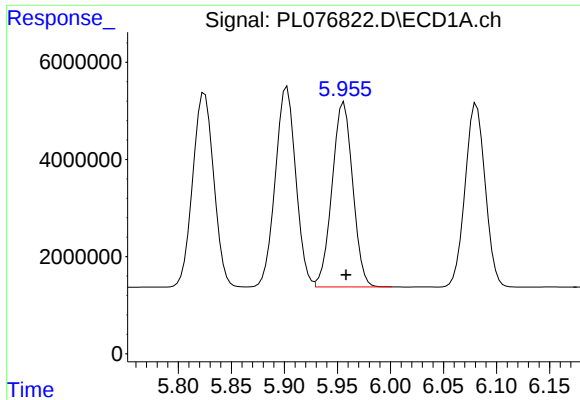
#8 Heptachlor epoxide

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 53095173
Conc: 56.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: 0.021 min
Response: 138837069
Conc: 56.76 ng/ml



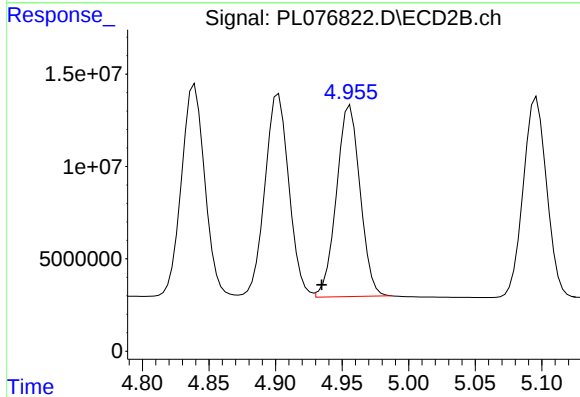
#9 Endosulfan I

R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 51539682
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

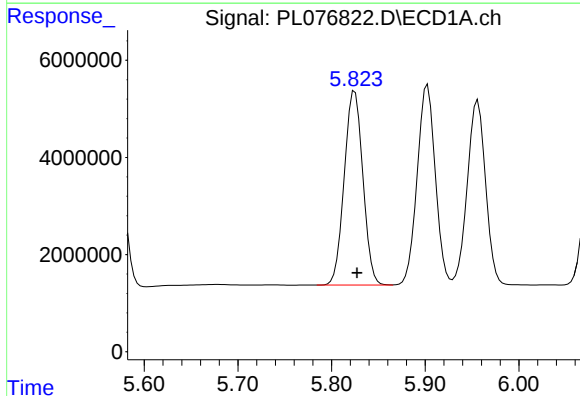
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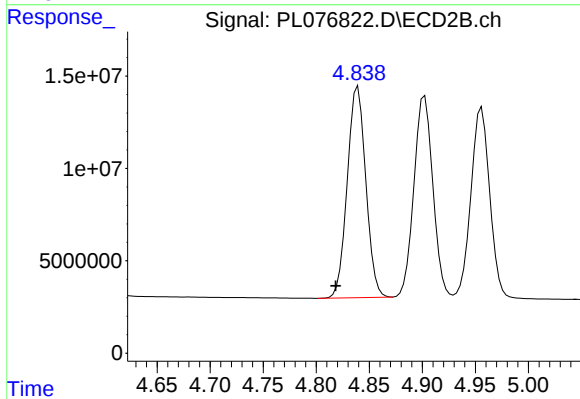
#9 Endosulfan I

R.T.: 4.955 min
Delta R.T.: 0.020 min
Response: 127838185
Conc: 60.20 ng/ml m



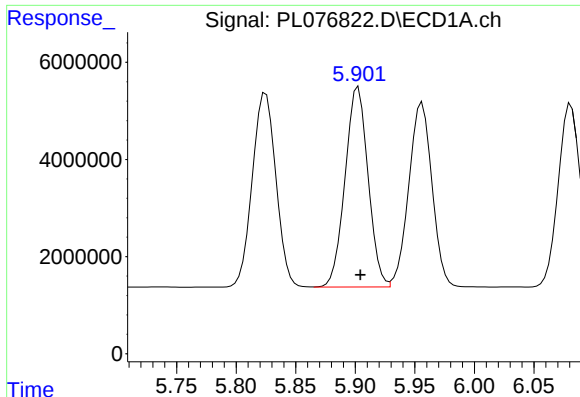
#10 gamma-Chlordane

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 55278732
Conc: 54.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.839 min
Delta R.T.: 0.021 min
Response: 138599191
Conc: 56.59 ng/ml



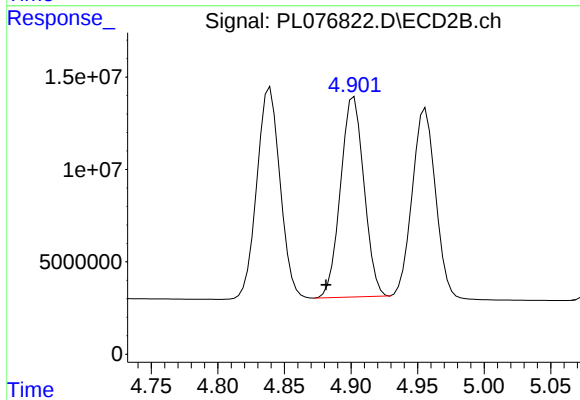
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 55337092
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

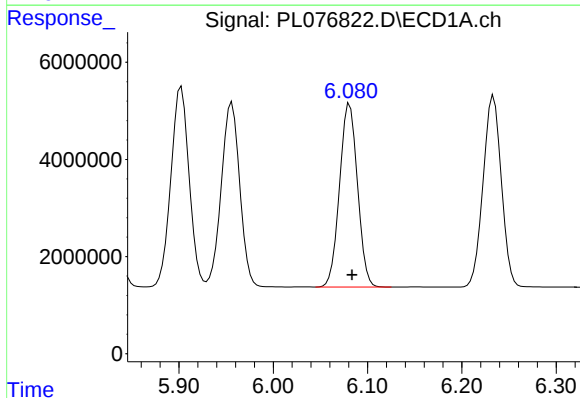
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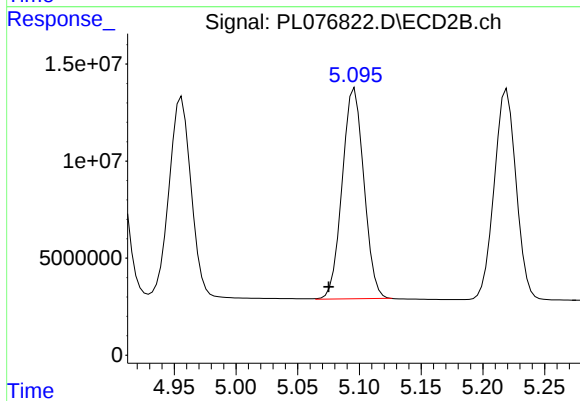
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: 0.021 min
Response: 132810423
Conc: 55.35 ng/ml



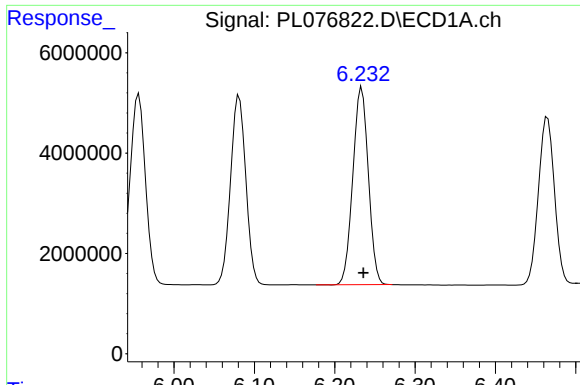
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 49916403
Conc: 52.88 ng/ml



#12 4,4'-DDE

R.T.: 5.095 min
Delta R.T.: 0.020 min
Response: 132810163
Conc: 57.02 ng/ml m



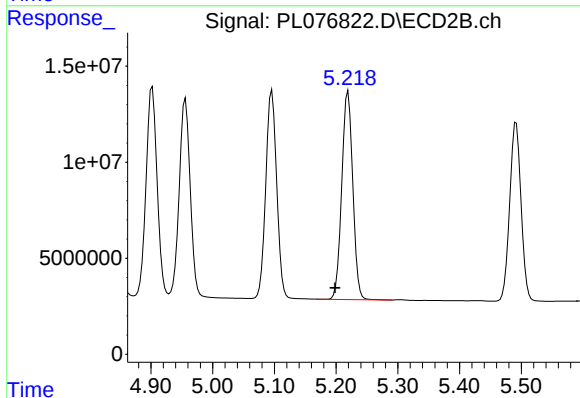
#13 Dieldrin

R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 52767387
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

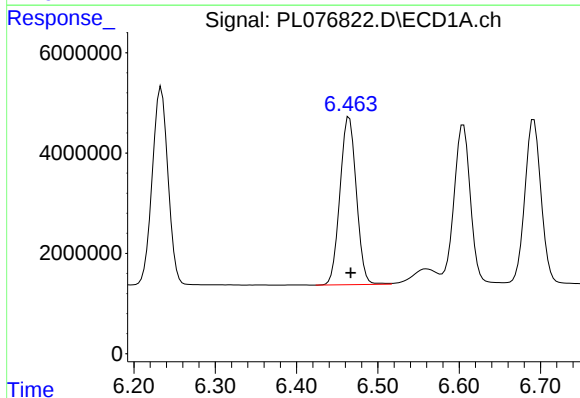
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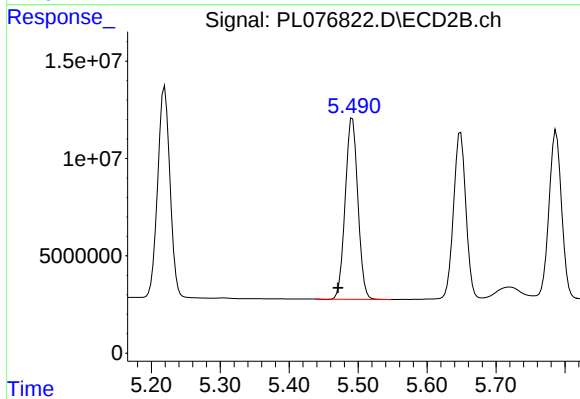
#13 Dieldrin

R.T.: 5.219 min
Delta R.T.: 0.021 min
Response: 134320414
Conc: 55.38 ng/ml



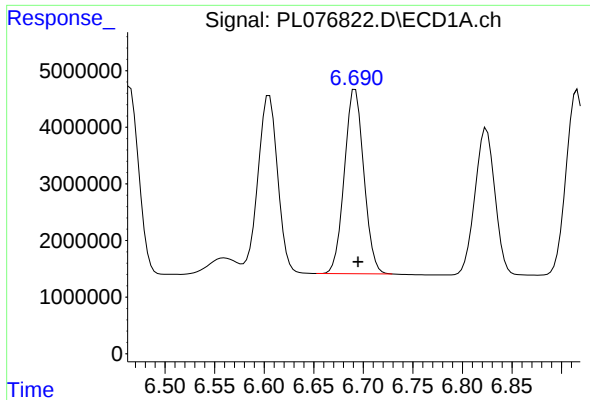
#14 Endrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 46614345
Conc: 50.60 ng/ml



#14 Endrin

R.T.: 5.492 min
Delta R.T.: 0.021 min
Response: 119026905
Conc: 54.99 ng/ml



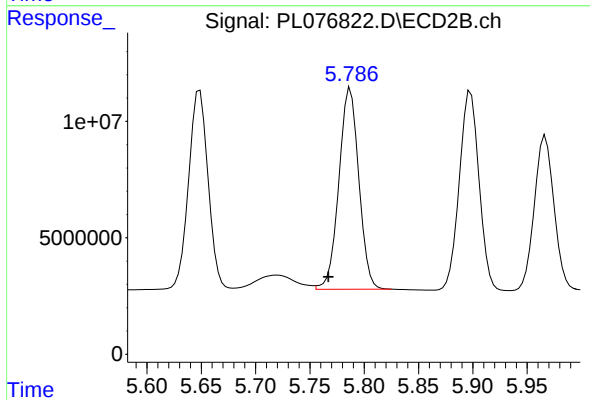
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 44485866
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

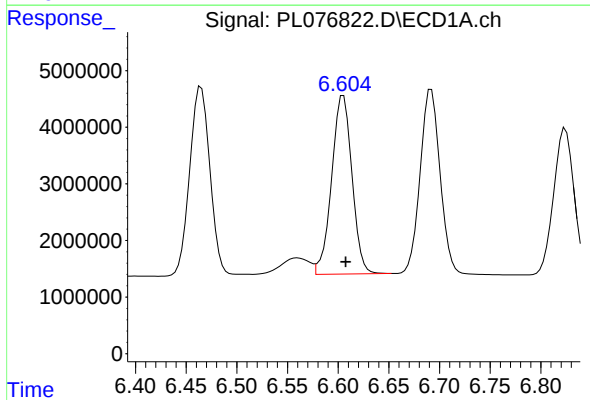
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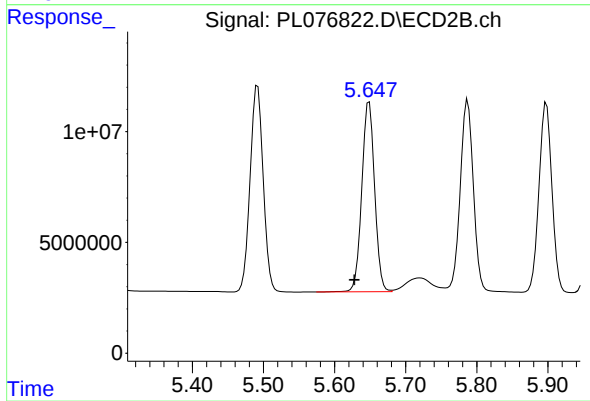
#15 Endosulfan II

R.T.: 5.787 min
Delta R.T.: 0.020 min
Response: 110435933
Conc: 50.02 ng/ml



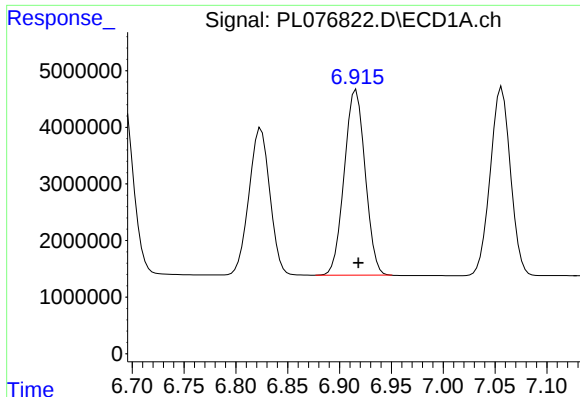
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 44149595
Conc: 51.66 ng/ml



#16 4,4'-DDD

R.T.: 5.649 min
Delta R.T.: 0.021 min
Response: 107633371
Conc: 57.65 ng/ml



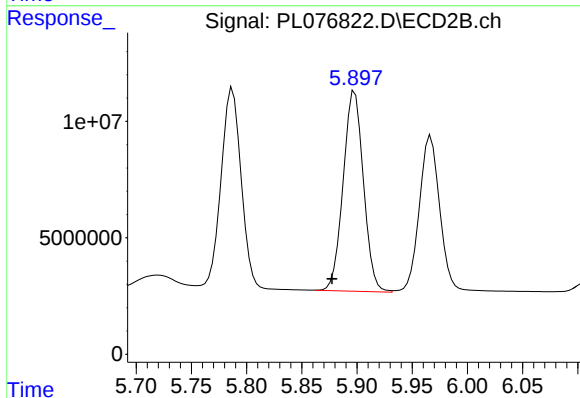
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 45902343
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

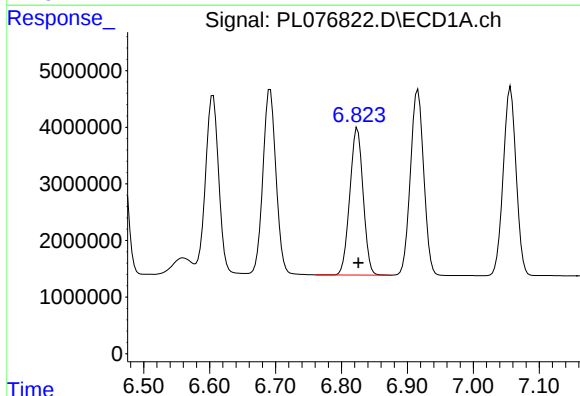
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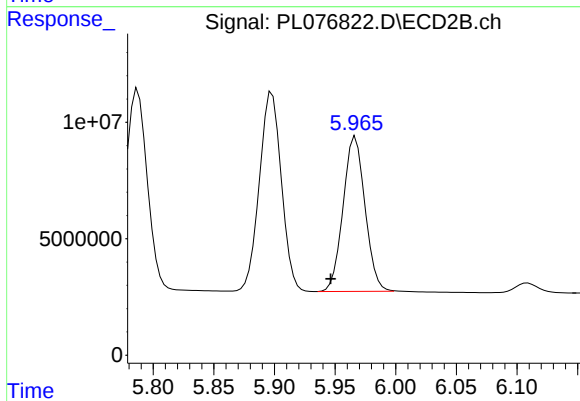
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: 0.019 min
Response: 109802404
Conc: 58.79 ng/ml m



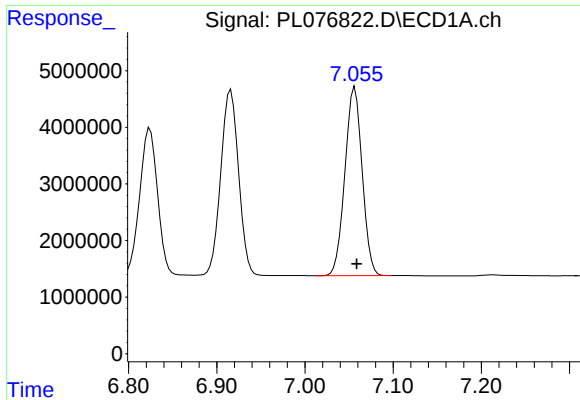
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 36400564
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: 0.019 min
Response: 83659297
Conc: 51.91 ng/ml m



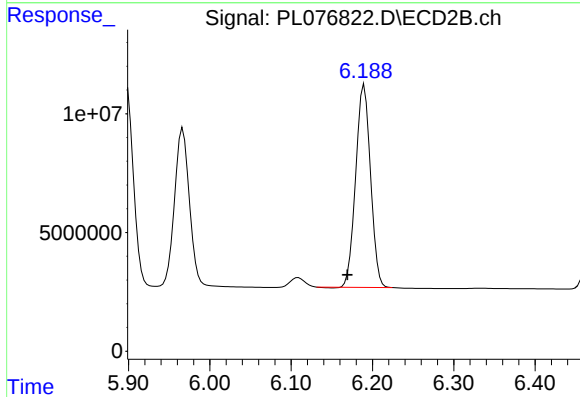
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 45297781
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

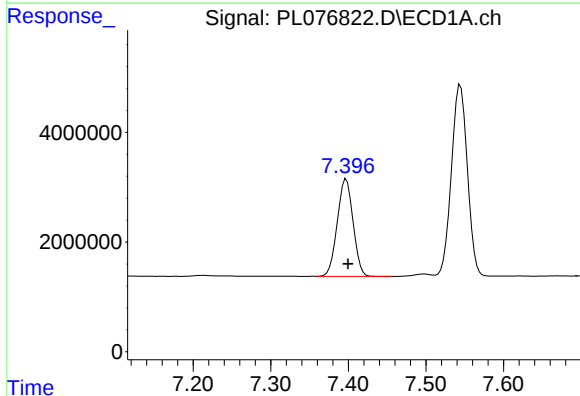
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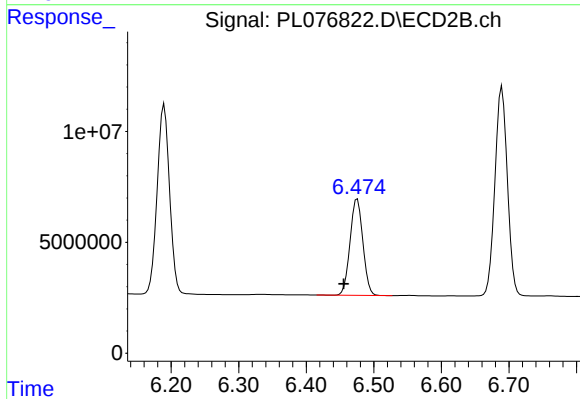
#19 Endosulfan Sulfate

R.T.: 6.190 min
Delta R.T.: 0.021 min
Response: 107900165
Conc: 56.26 ng/ml



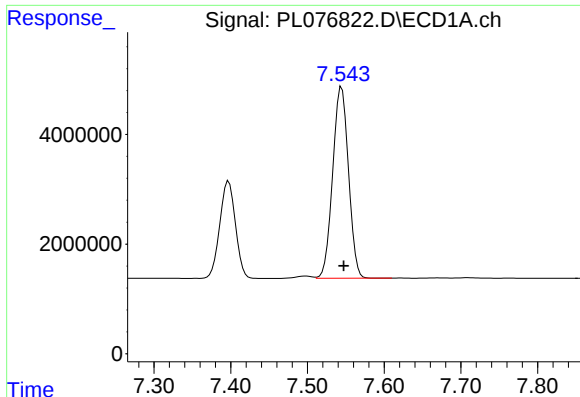
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: -0.002 min
Response: 25161148
Conc: 52.23 ng/ml



#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: 0.020 min
Response: 57253417
Conc: 56.09 ng/ml



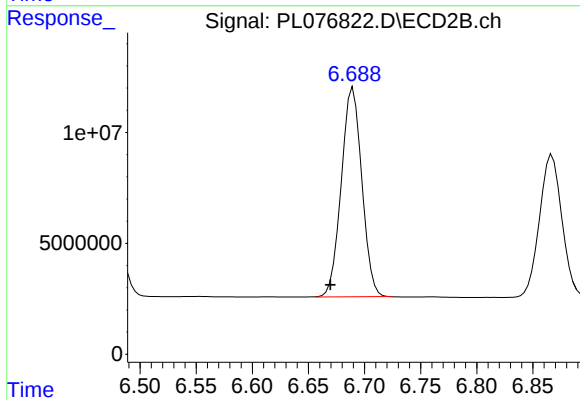
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 49989569
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB146587BS

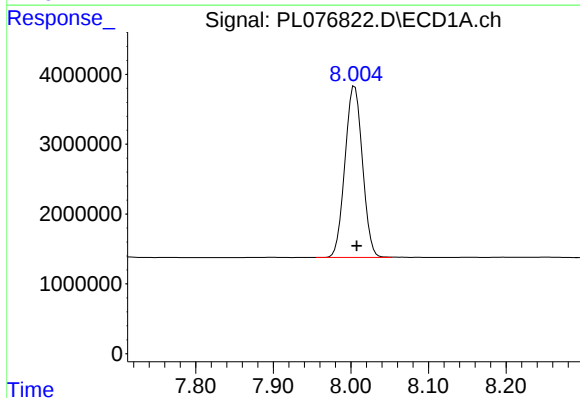
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 08/02/2022
Supervised By :mohammad ahmed 08/02/2022



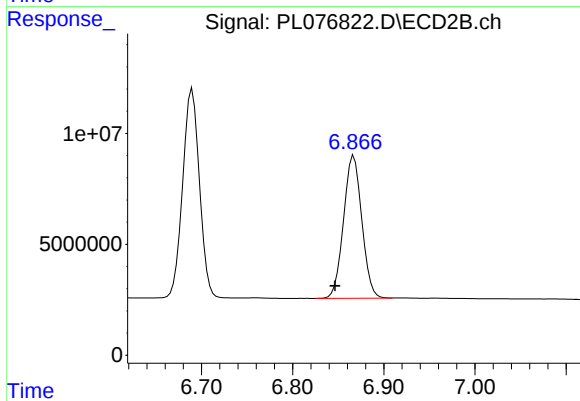
#21 Endrin ketone

R.T.: 6.688 min
Delta R.T.: 0.019 min
Response: 120073819
Conc: 57.54 ng/ml m



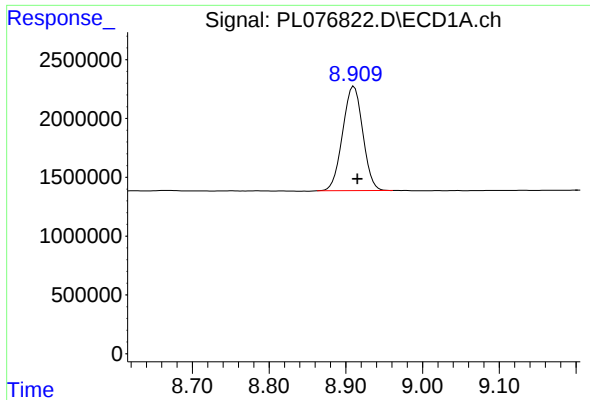
#22 Mirex

R.T.: 8.005 min
Delta R.T.: -0.003 min
Response: 38448979
Conc: 52.05 ng/ml



#22 Mirex

R.T.: 6.866 min
Delta R.T.: 0.019 min
Response: 89605498
Conc: 55.63 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: -0.004 min
Response: 16265128
Conc: 20.47 ng/ml

Instrument :

ECD_L

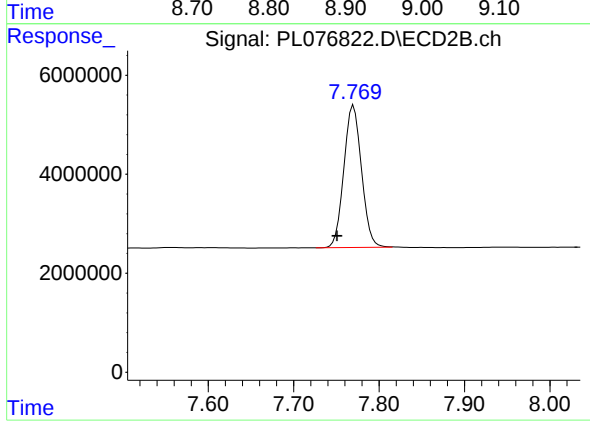
ClientSampleId :

PB146587BS

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.019 min
Response: 41249951
Conc: 21.46 ng/ml