

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 15:33
 Operator : AR\AJ
 Sample : 02747-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-03-10-12-20230510MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:31:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.325	2.638	45561001	39817457	17.056	17.187
28)	SA Decachlor...	8.743	7.752	36066720	39771648	18.892	17.425
Target Compounds							
2)	A alpha-BHC	3.774	3.136	174.6E6	145.3E6	43.875	42.699
3)	MA gamma-BHC...	4.103	3.463	170.3E6	142.3E6	45.548	44.243
4)	MA Heptachlor	4.681	3.795	158.8E6	136.6E6	43.456	39.896
5)	MB Aldrin	5.018	4.072	153.5E6	145.9E6	46.555	46.305
6)	B beta-BHC	4.307	3.762	72563883	64699872	42.547	47.420m
7)	B delta-BHC	4.548	3.990	161.9E6	134.8E6	45.011	43.938
8)	B Heptachlo...	5.444	4.573	140.7E6	128.9E6	46.137	44.728
9)	A Endosulfan I	5.824	4.940	127.6E6	119.0E6	46.031	44.591
10)	B gamma-Chl...	5.699	4.822	143.1E6	129.9E6	47.599	44.771
11)	B alpha-Chl...	5.776	4.885	139.3E6	130.9E6	46.671	45.093
12)	B 4,4'-DDE	5.955	5.075	122.0E6	109.9E6	47.984	47.814m
13)	MA Dieldrin	6.099	5.204	134.7E6	128.0E6	48.832	47.398m
14)	MA Endrin	6.326	5.478	111.0E6	109.9E6	45.782	44.920m
15)	B Endosulfa...	6.549	5.777	111.5E6	112.1E6	45.808	49.743
16)	A 4,4'-DDD	6.471	5.631	105.0E6	94656969	51.777	50.608
17)	MA 4,4'-DDT	6.782	5.880	99609691	94404184	43.541	44.686
18)	B Endrin al...	6.679	5.956	94109458	92839234	49.947	49.610
19)	B Endosulfa...	6.913	6.179	111.9E6	107.8E6	47.166	45.795
20)	A Methoxychlor	7.263	6.458	54360067	55048124	44.545	45.425m
21)	B Endrin ke...	7.392	6.683	122.2E6	126.7E6	51.021	49.923m
22)	Mirex	7.856	6.854	90870233	102.8E6	46.450	44.625m

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

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Data File : PL082652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 15:33
Operator : AR\AJ
Sample : 02747-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

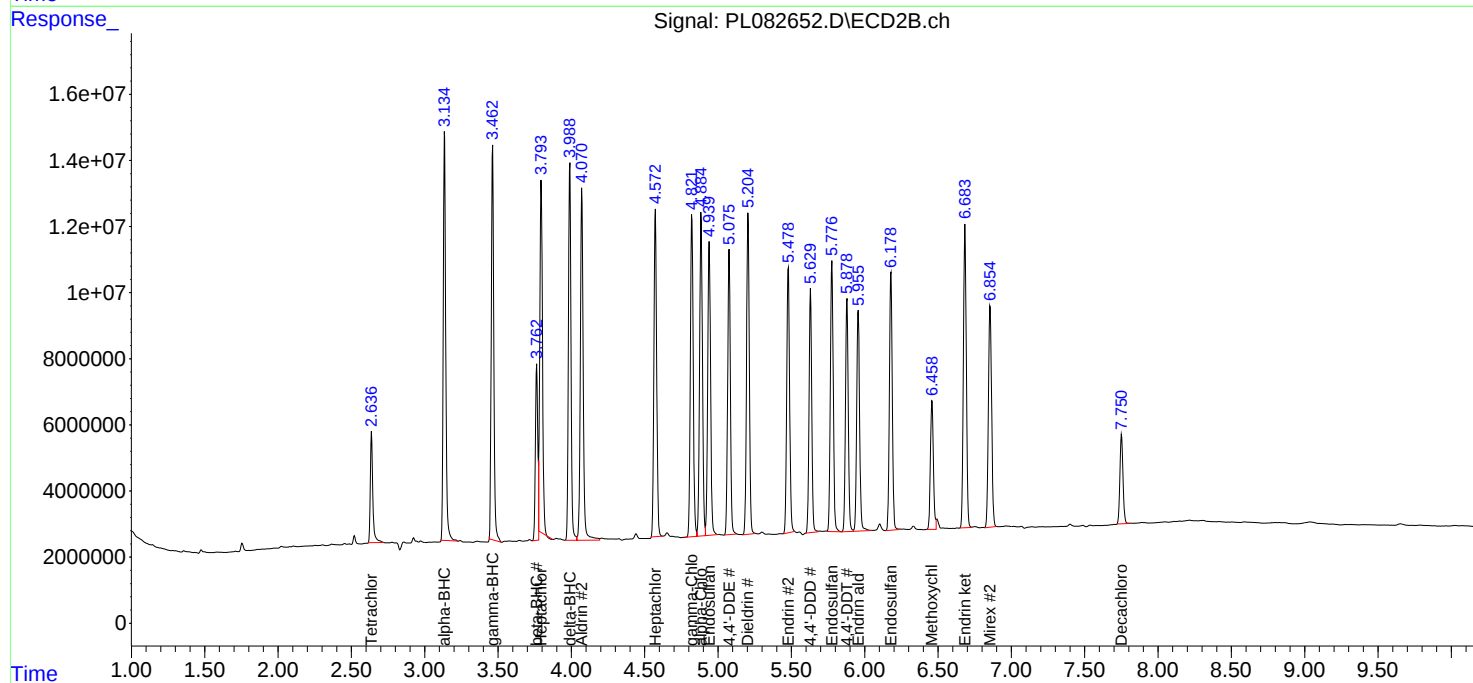
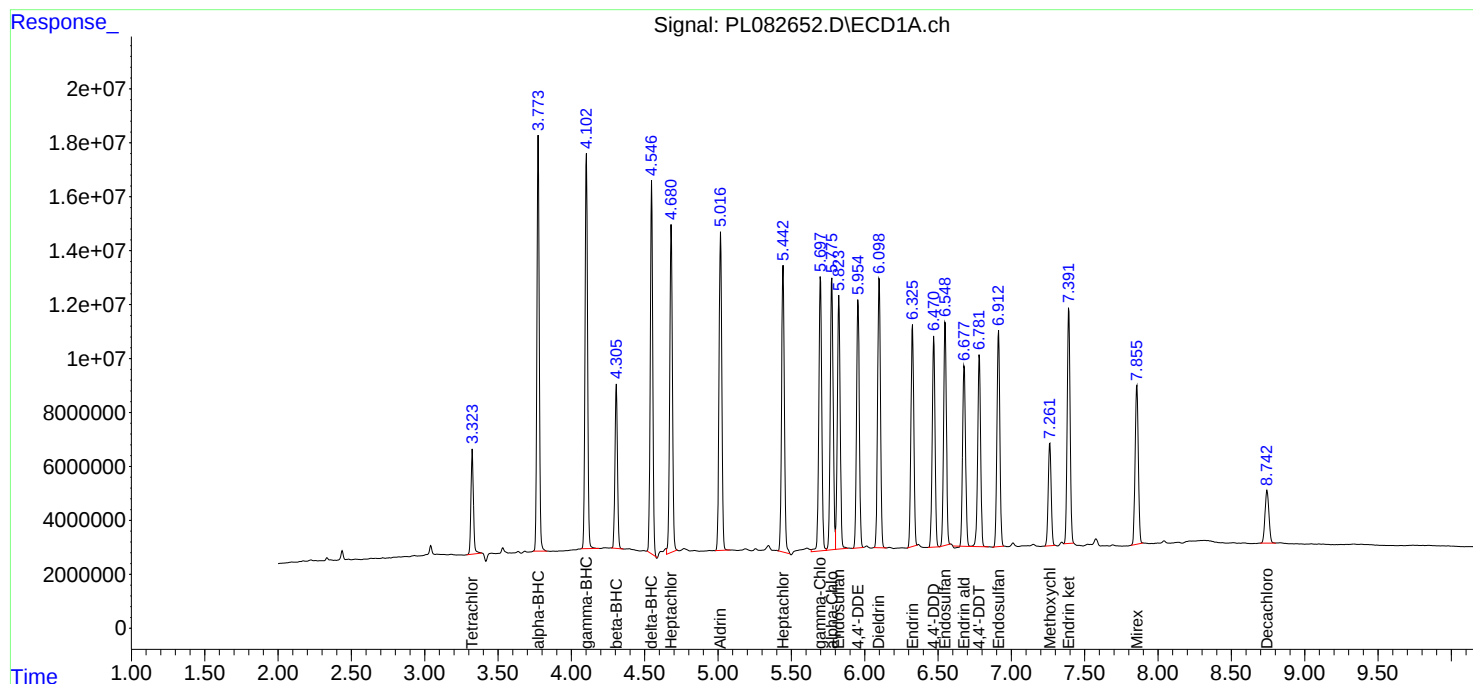
Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

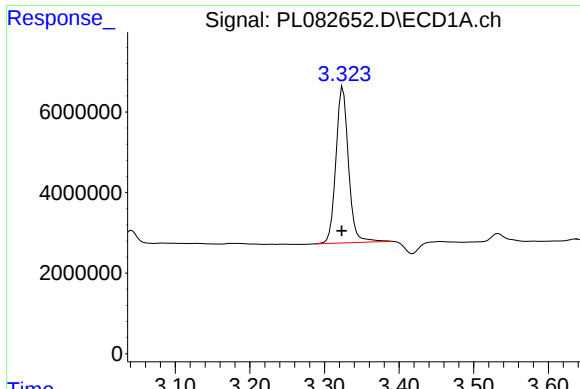
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:31:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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





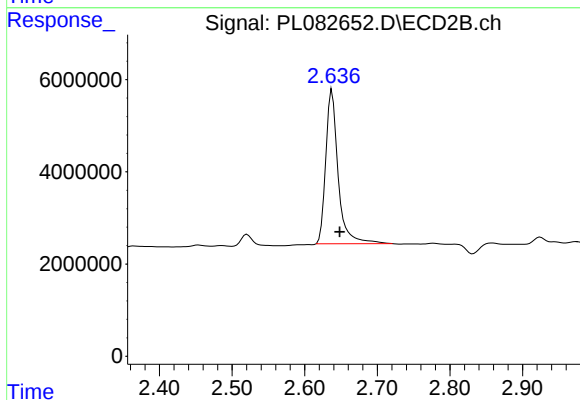
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 45561001
Conc: 17.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

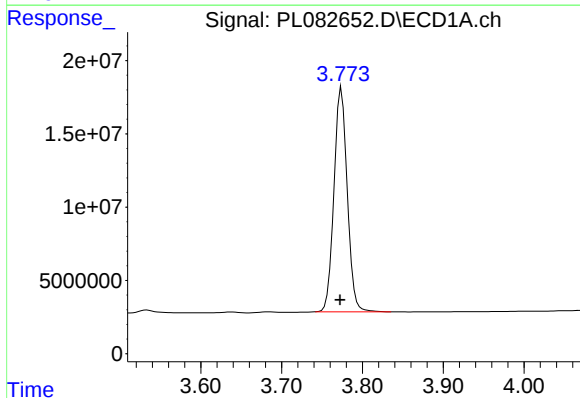
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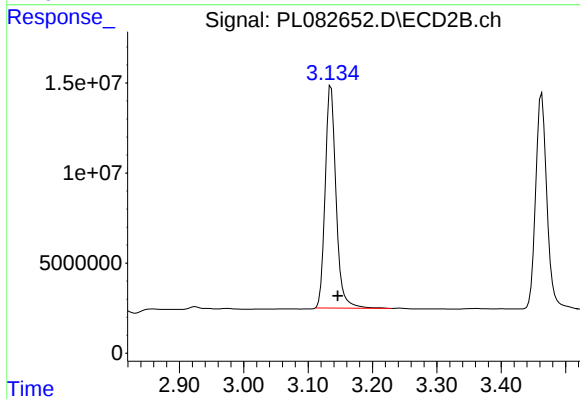
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 39817457
Conc: 17.19 ng/ml



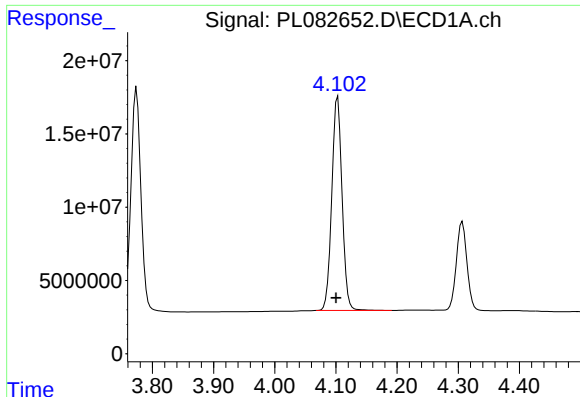
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 174631937
Conc: 43.87 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: -0.011 min
Response: 145326166
Conc: 42.70 ng/ml



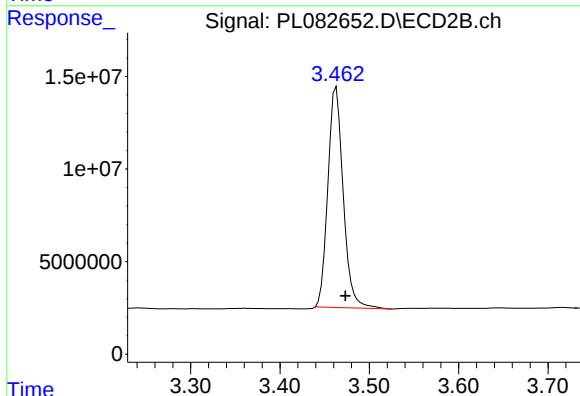
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.003 min
Response: 170299013
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

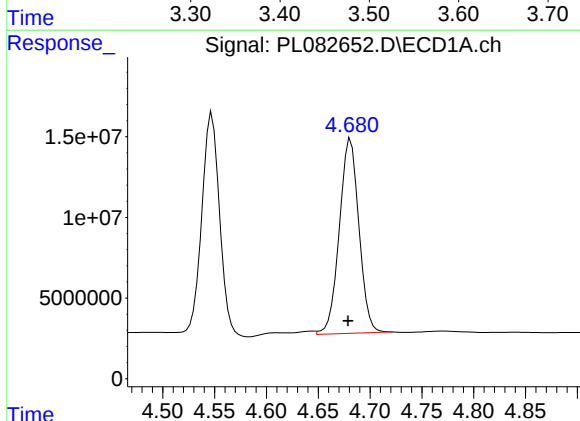
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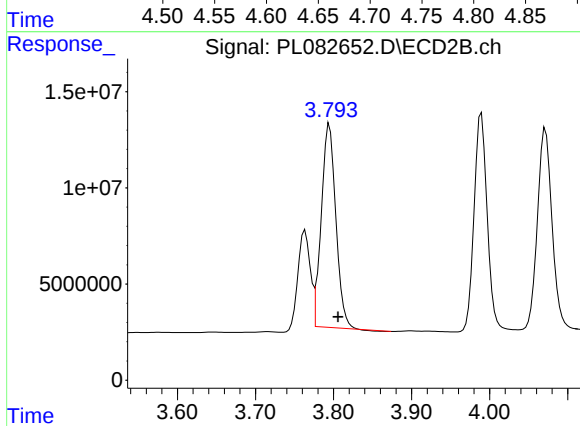
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: -0.010 min
Response: 142253313
Conc: 44.24 ng/ml



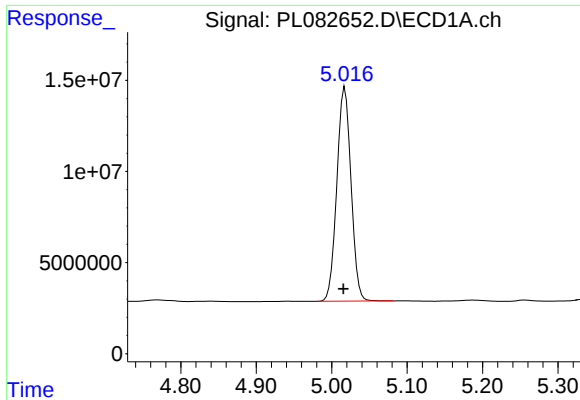
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 158784735
Conc: 43.46 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.011 min
Response: 136573708
Conc: 39.90 ng/ml



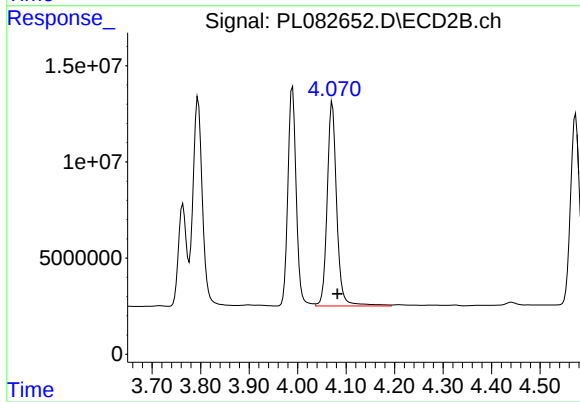
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 153520605
Conc: 46.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

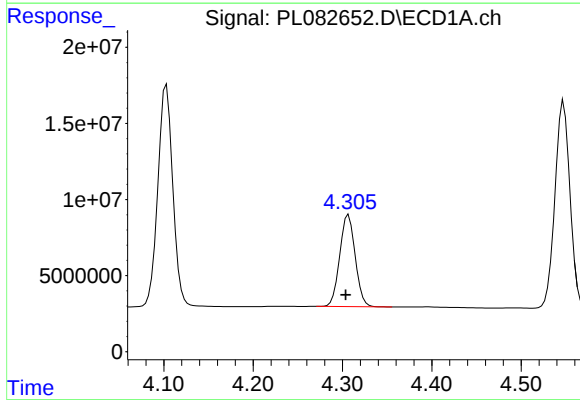
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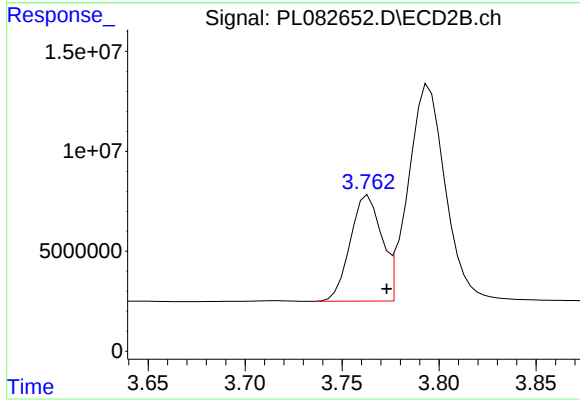
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.011 min
Response: 145853431
Conc: 46.30 ng/ml



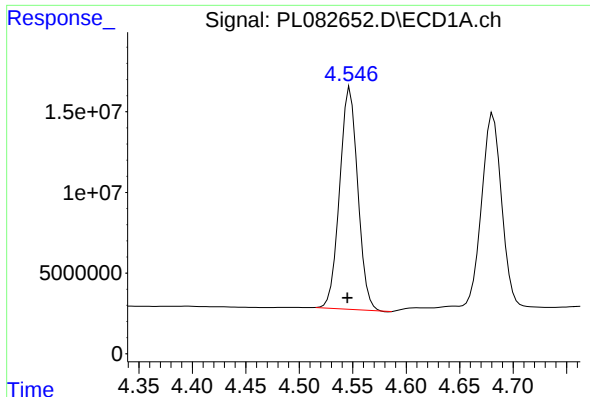
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 72563883
Conc: 42.55 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: -0.011 min
Response: 64699872
Conc: 47.42 ng/ml m



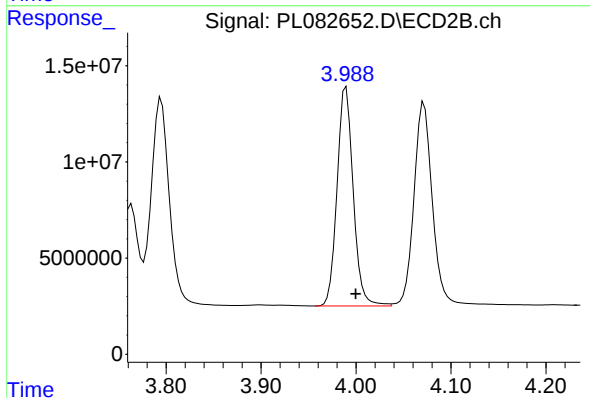
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 161940482
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

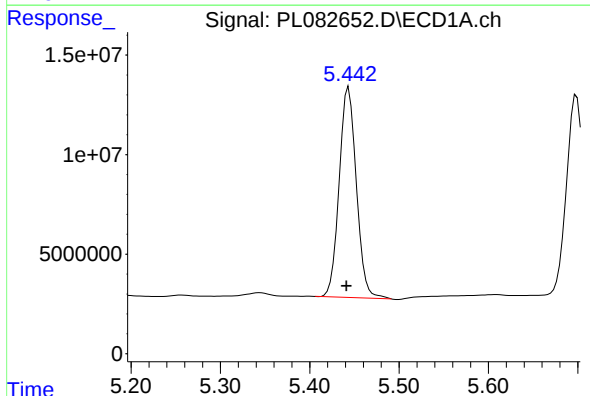
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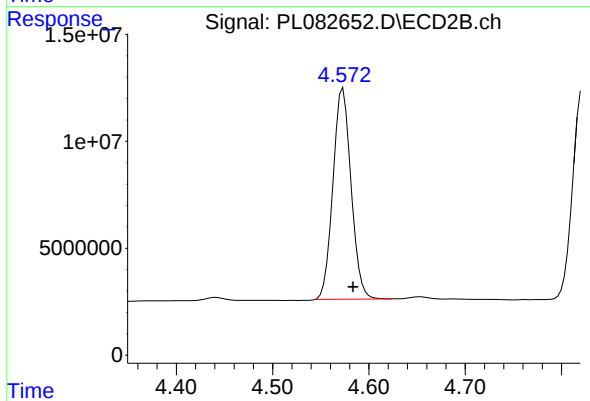
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 134774389
Conc: 43.94 ng/ml



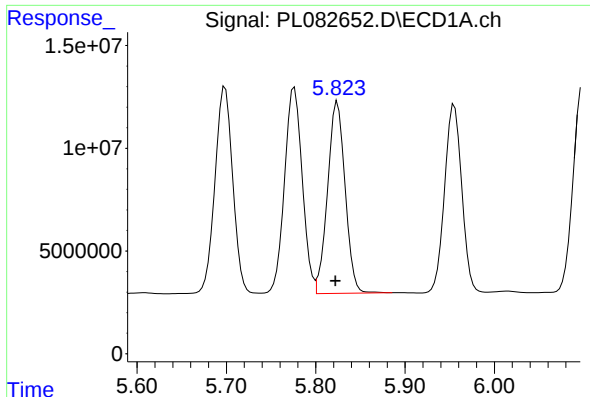
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 140734336
Conc: 46.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 128857443
Conc: 44.73 ng/ml



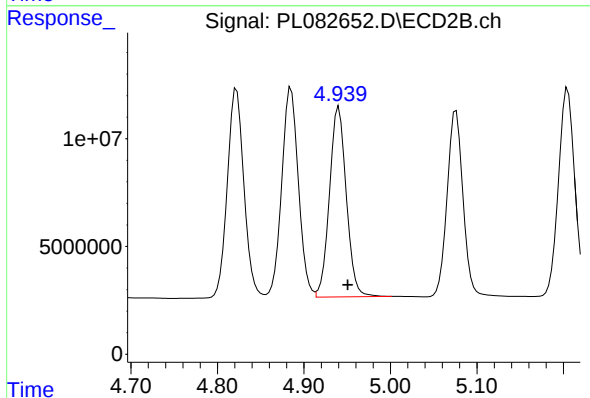
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 127631499
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

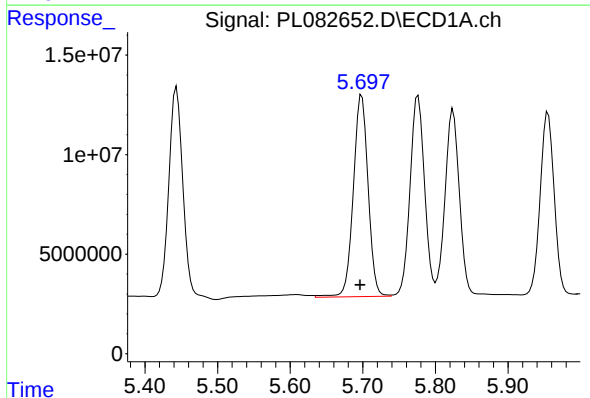
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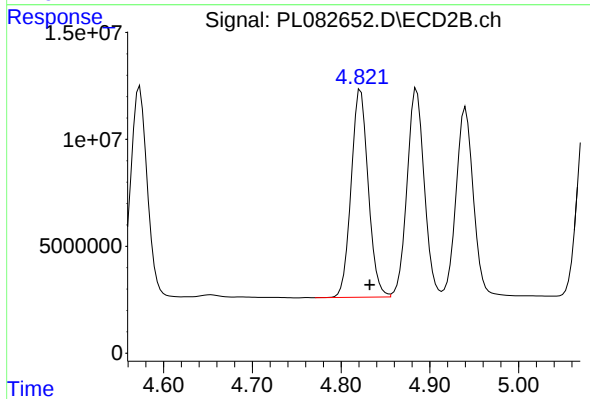
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.010 min
Response: 119034305
Conc: 44.59 ng/ml



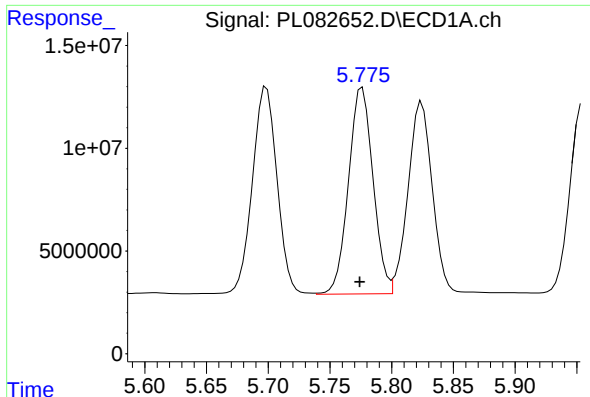
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 143123838
Conc: 47.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 129918803
Conc: 44.77 ng/ml



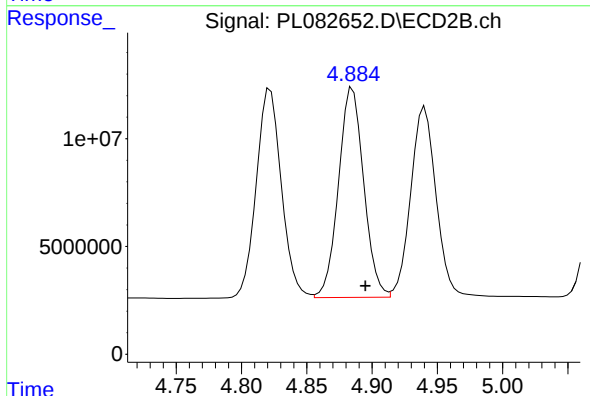
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 139293271
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

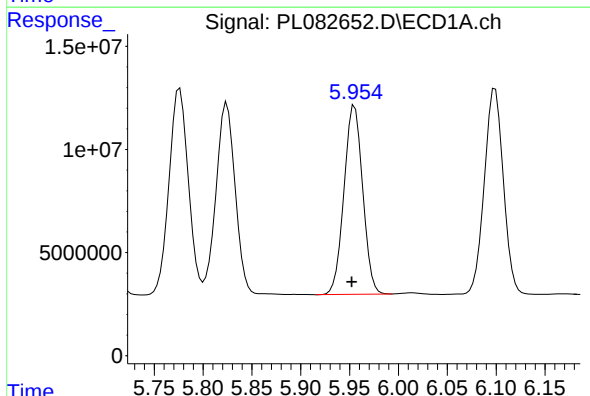
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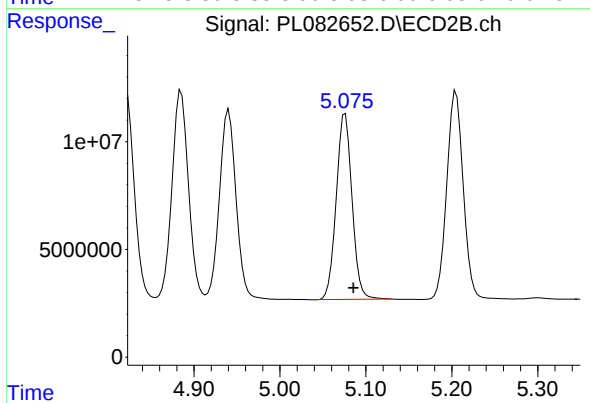
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 130897143
Conc: 45.09 ng/ml



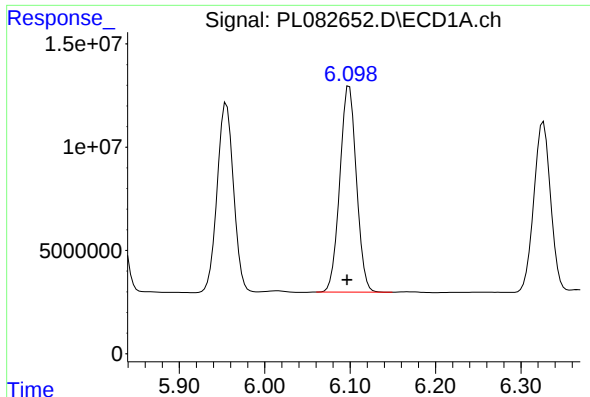
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 121976265
Conc: 47.98 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 109922904
Conc: 47.81 ng/ml m



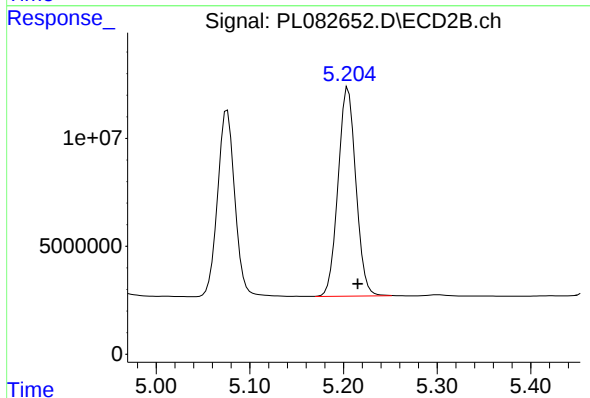
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 134735067
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

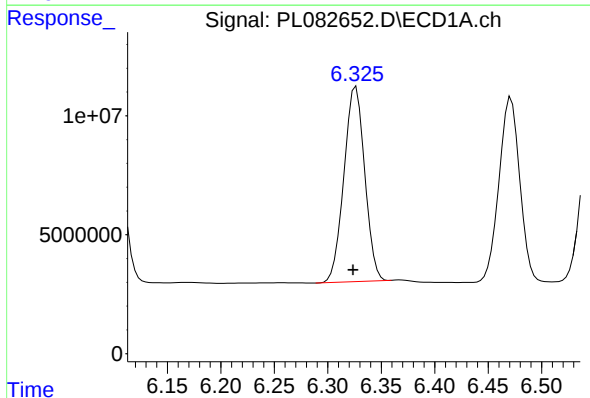
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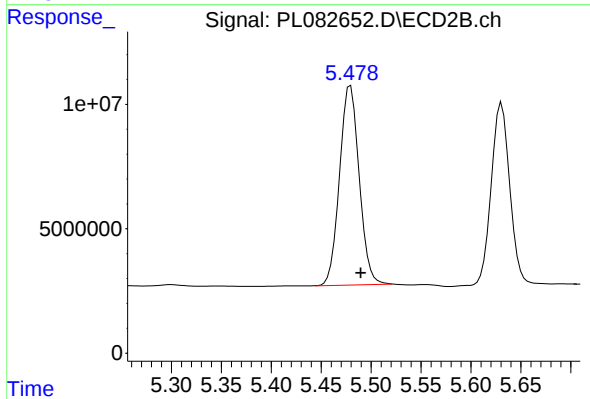
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 127992462
Conc: 47.40 ng/ml m



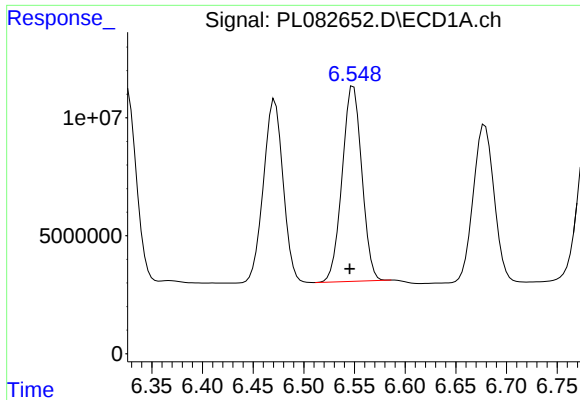
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 111000690
Conc: 45.78 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 109871694
Conc: 44.92 ng/ml m



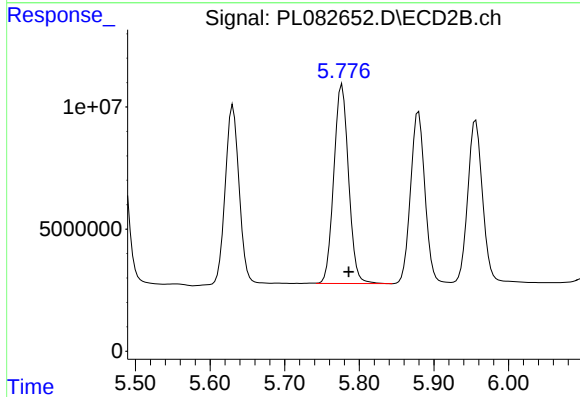
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: 0.004 min
Response: 111521520
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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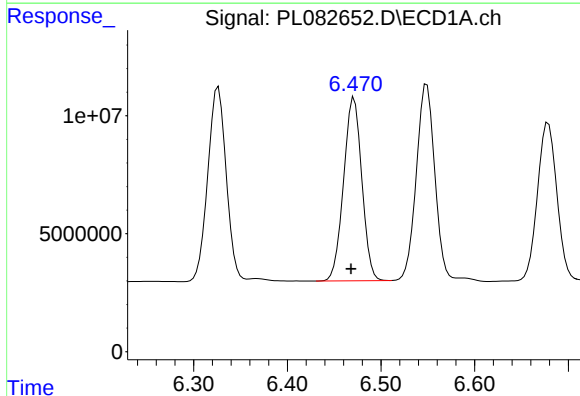
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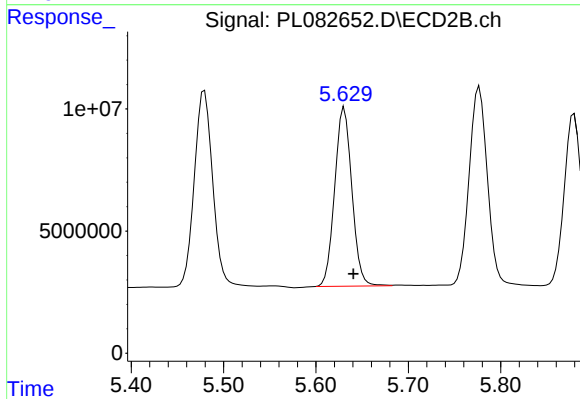
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 112125561
Conc: 49.74 ng/ml



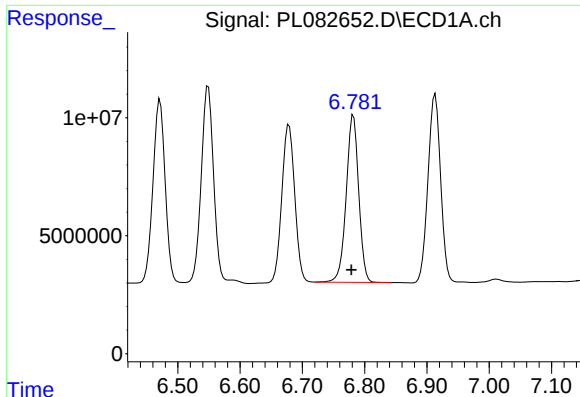
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 104962120
Conc: 51.78 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 94656969
Conc: 50.61 ng/ml



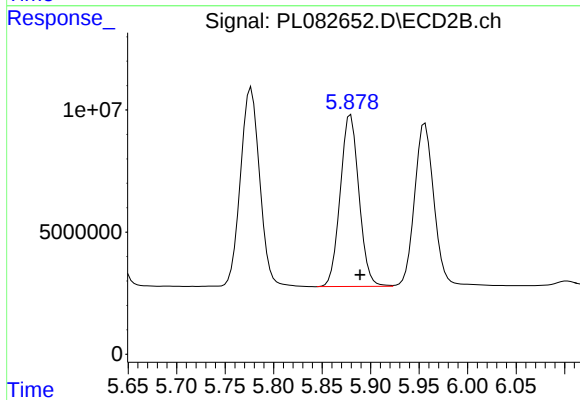
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 99609691
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

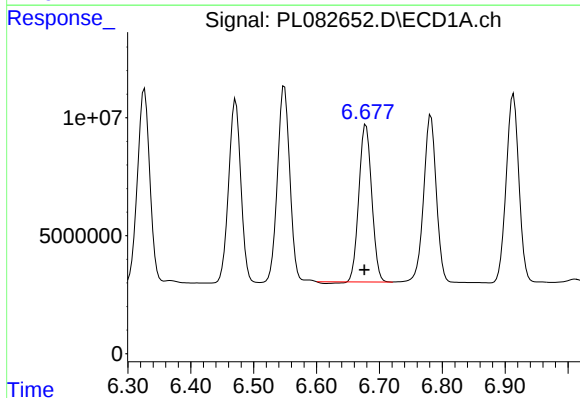
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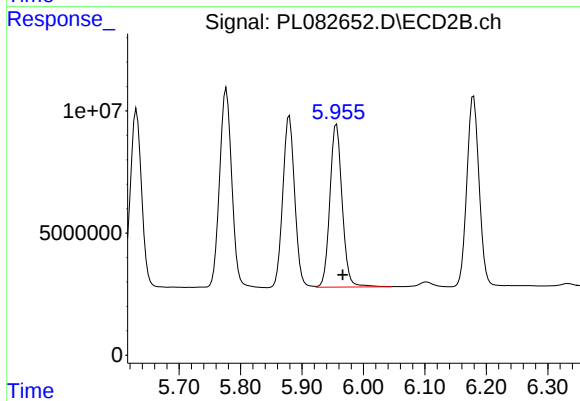
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.010 min
Response: 94404184
Conc: 44.69 ng/ml



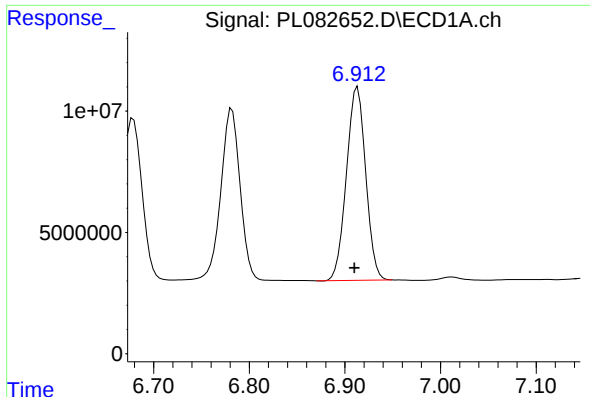
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 94109458
Conc: 49.95 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 92839234
Conc: 49.61 ng/ml



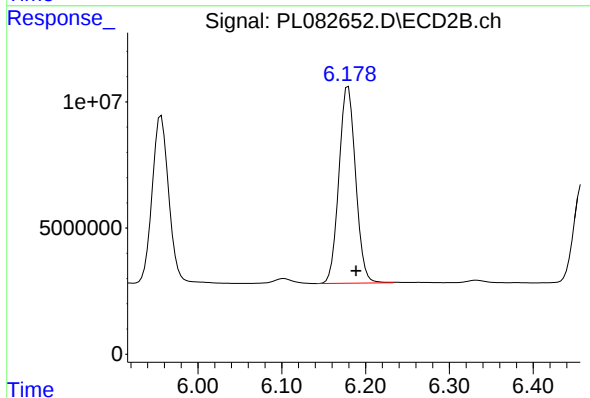
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 111856881
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

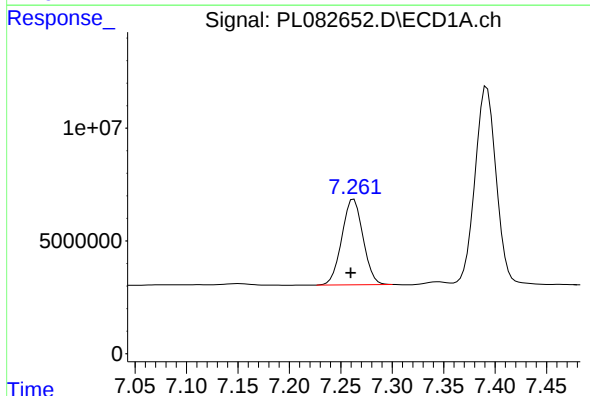
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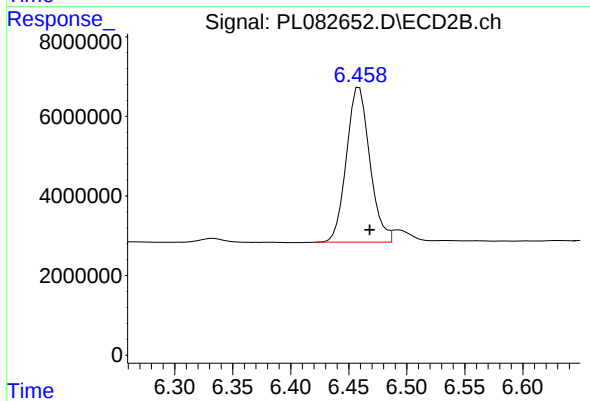
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 107813235
Conc: 45.79 ng/ml



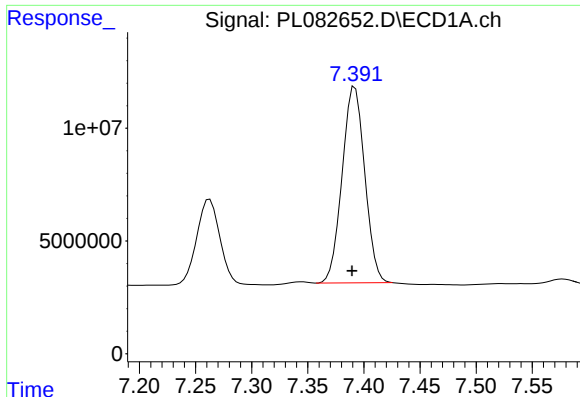
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 54360067
Conc: 44.55 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.011 min
Response: 55048124
Conc: 45.43 ng/ml m



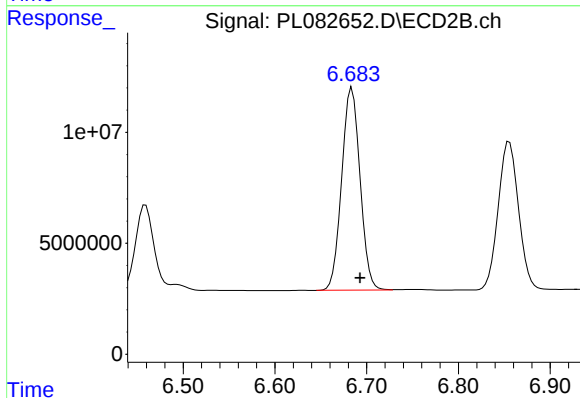
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 122163895
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

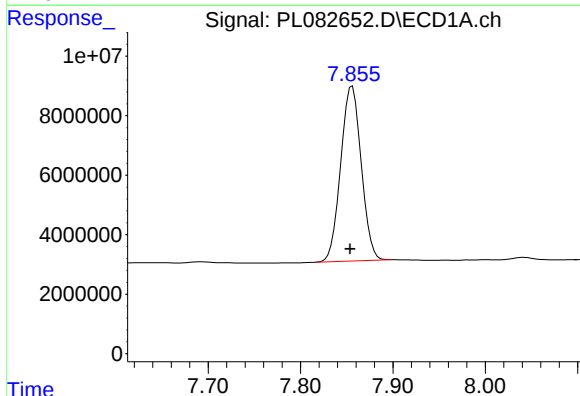
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



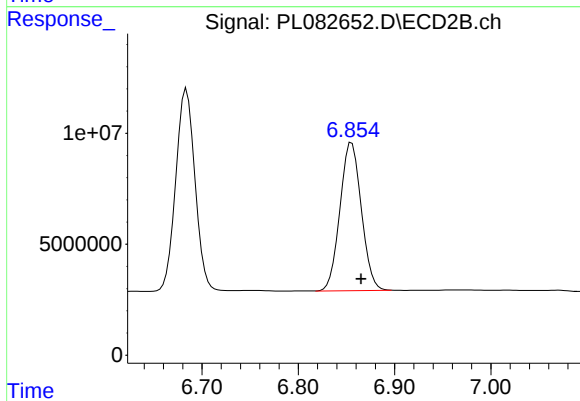
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 126714657
Conc: 49.92 ng/ml m



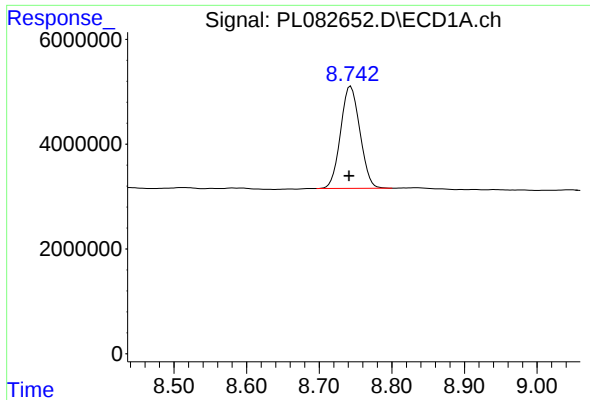
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 90870233
Conc: 46.45 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 102828812
Conc: 44.63 ng/ml m



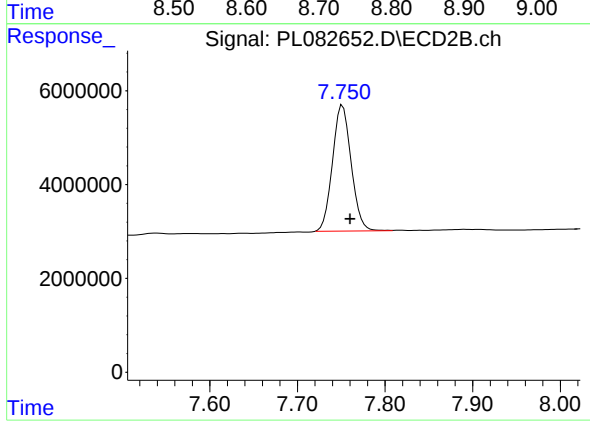
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.002 min
Response: 36066720
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 39771648
Conc: 17.42 ng/ml