

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 17:01
 Operator : AR\AJ
 Sample : PB156213BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156213BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/10/2023
 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:19:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.358	2.623	50477971	15323758	16.972	16.405
28)	SA Decachlor...	8.861	7.776	44812318	18524509	20.574	20.070
Target Compounds							
2)	A alpha-BHC	3.812	3.122	208.1E6	60218213	48.491	47.863
3)	MA gamma-BHC...	4.144	3.449	193.0E6	57111193	46.683	46.306
4)	MA Heptachlor	4.731	3.786	200.7E6	57402263	51.883	49.354
5)	MB Aldrin	5.071	4.063	184.2E6	52307620	47.513	46.776
6)	B beta-BHC	4.346	3.751	82575274	25688439	49.936	49.345
7)	B delta-BHC	4.590	3.976	190.8E6	55020559	49.773	47.887
8)	B Heptachlo...	5.500	4.568	166.0E6	49029645	48.131m	48.815
9)	A Endosulfan I	5.883	4.935	153.3E6	46153392	47.395m	43.024
10)	B gamma-Chl...	5.757	4.819	166.5E6	50539872	48.664m	51.031
11)	B alpha-Chl...	5.836	4.883	161.5E6	49913795	47.267m	45.762
12)	B 4,4'-DDE	6.021	5.082	148.6E6	44178851	53.126	53.802
13)	MA Dieldrin	6.162	5.202	154.2E6	44919517	46.939	46.298
14)	MA Endrin	6.389	5.473	134.4E6	48193331	47.173m	53.607m
15)	B Endosulfa...	6.613	5.772	129.5E6	42544349	47.010	44.739
16)	A 4,4'-DDD	6.540	5.638	126.0E6	38770258	62.531	55.701
17)	MA 4,4'-DDT	6.853	5.889	121.0E6	42673939	51.339m	53.966
18)	B Endrin al...	6.744	5.954	99333420	35747630	49.011	47.938
19)	B Endosulfa...	6.981	6.178	130.2E6	45695545	51.894	50.654
20)	A Methoxychlor	7.341	6.473	63468546	25718005	45.444	48.886
21)	B Endrin ke...	7.461	6.679	130.2E6	54963520	45.189	47.819m
22)	Mirex	7.935	6.858	103.3E6	44434124	46.648	47.111

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
Data File : PL085783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 17:01
Operator : AR\AJ
Sample : PB156213BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

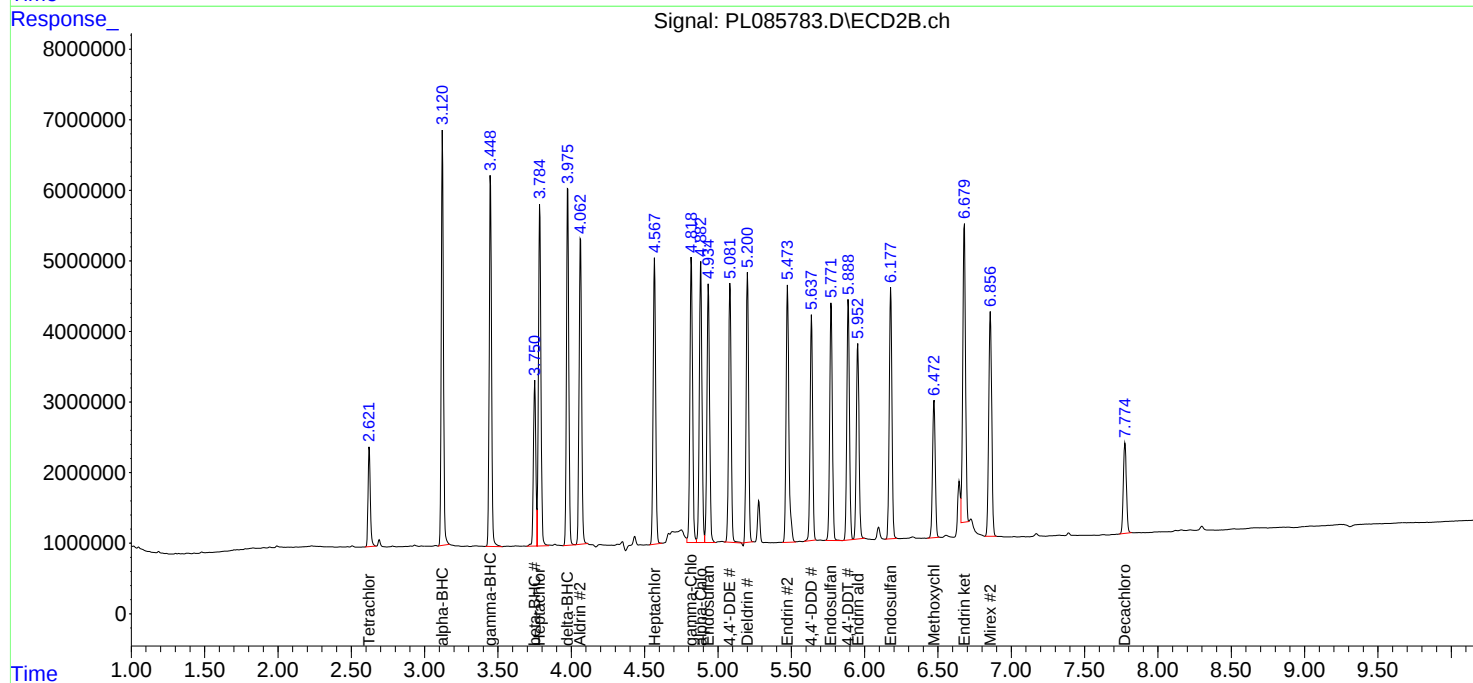
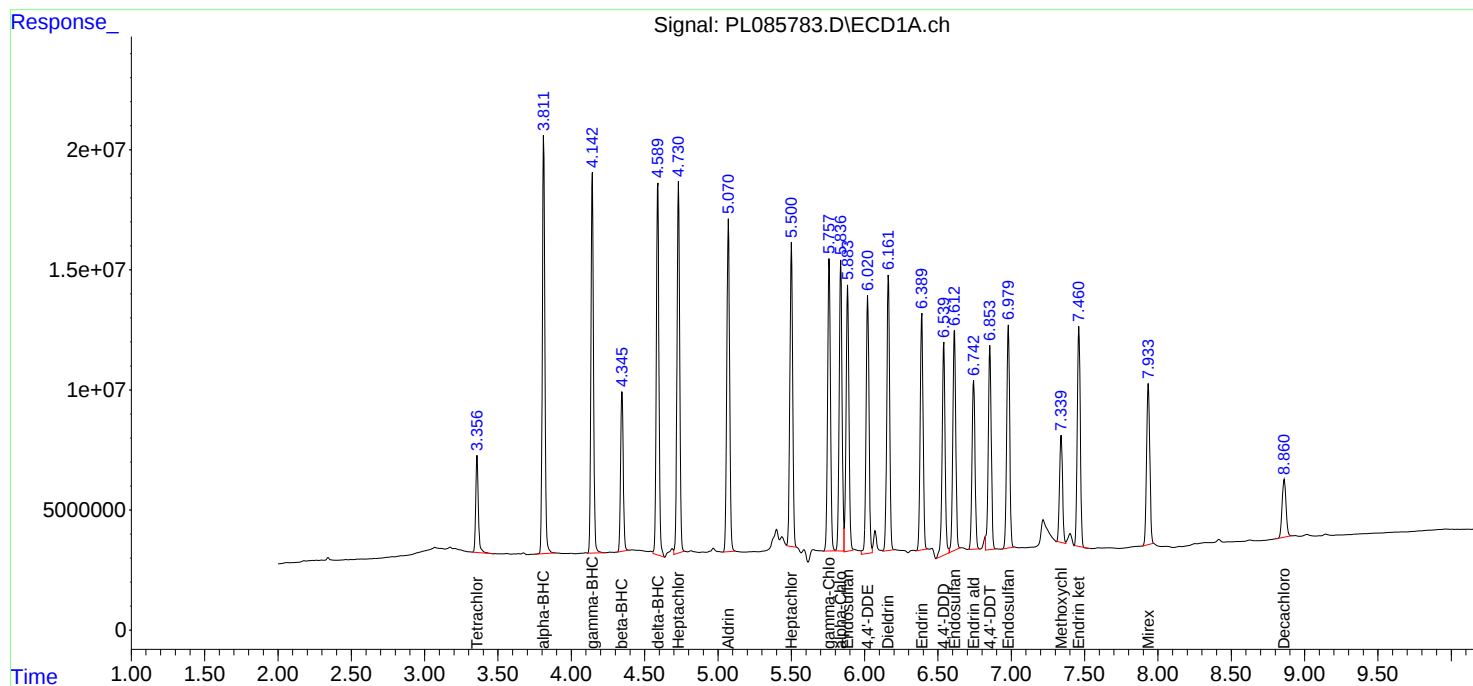
Instrument :
ECD_L
ClientSampleId :
PB156213BSD

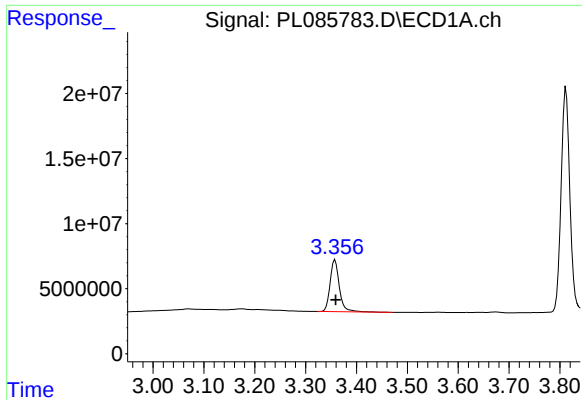
Manual Integrations
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Reviewed By :Abdul Mirza 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:19:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





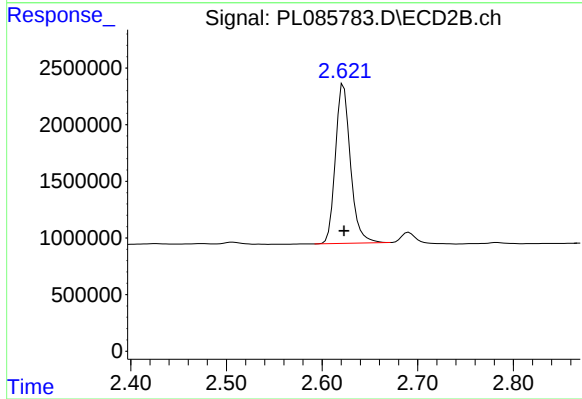
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 50477971
Conc: 16.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

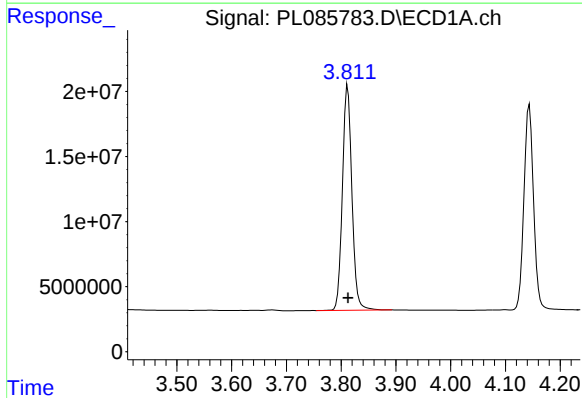
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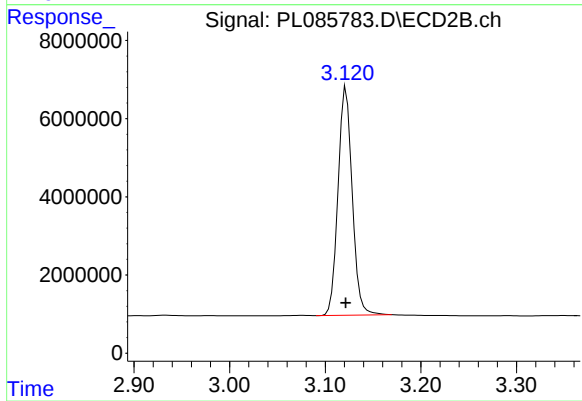
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 15323758
Conc: 16.40 ng/ml



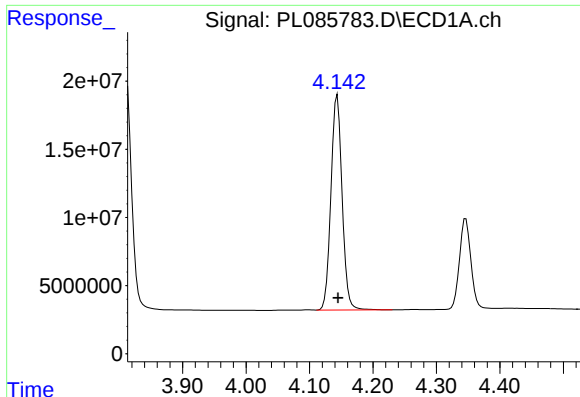
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 208117021
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 60218213
Conc: 47.86 ng/ml



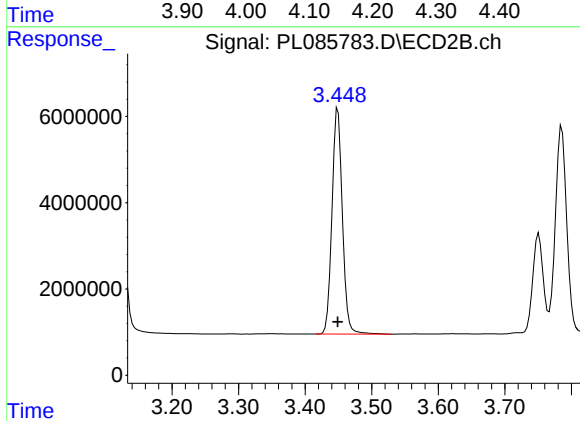
#3 gamma-BHC (Lindane)

R.T.: 4.144 min
Delta R.T.: -0.001 min
Response: 192957811
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

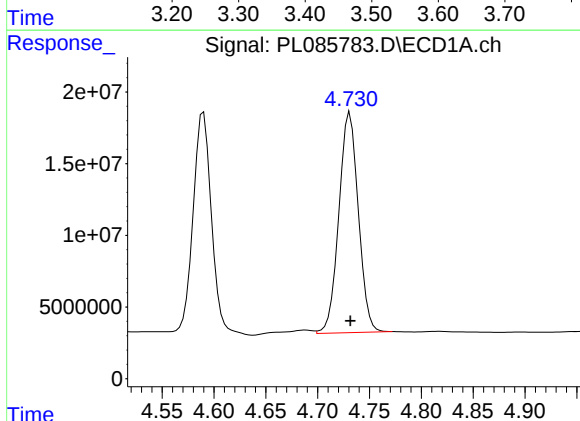
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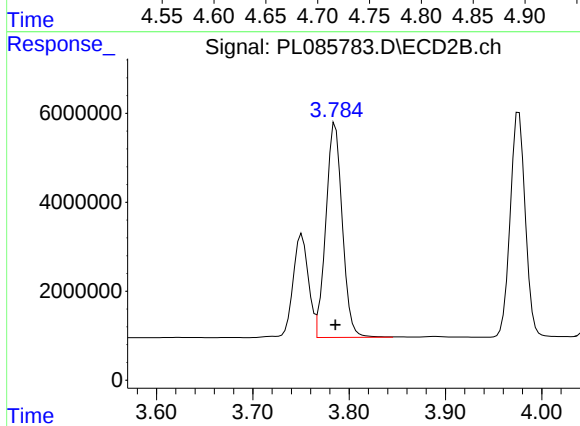
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 57111193
Conc: 46.31 ng/ml



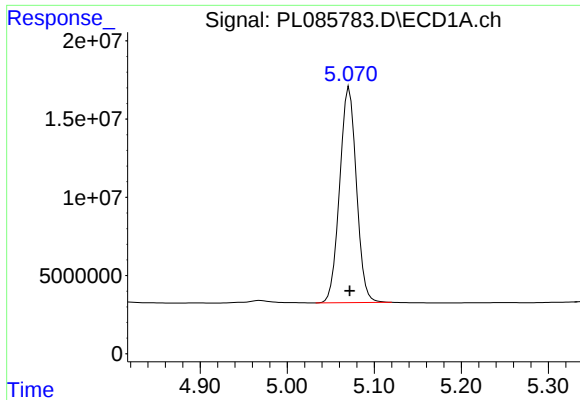
#4 Heptachlor

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 200662804
Conc: 51.88 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 57402263
Conc: 49.35 ng/ml



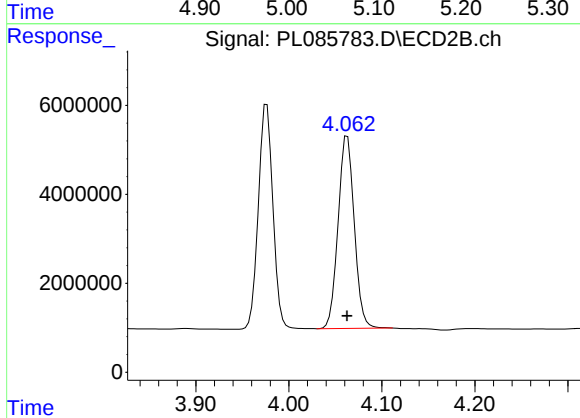
#5 Aldrin

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 184174880
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

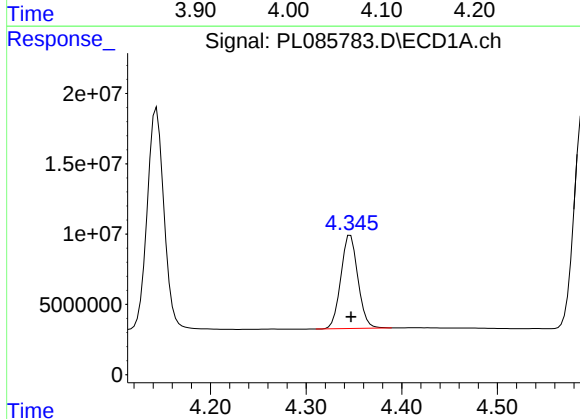
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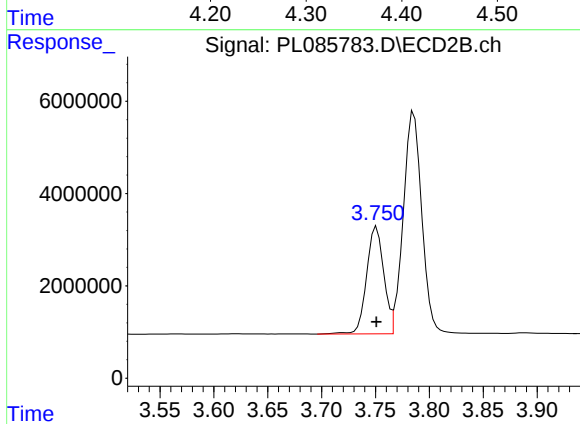
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 52307620
Conc: 46.78 ng/ml



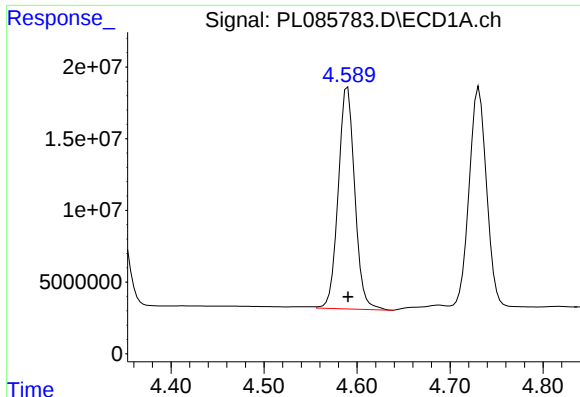
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 82575274
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 25688439
Conc: 49.35 ng/ml



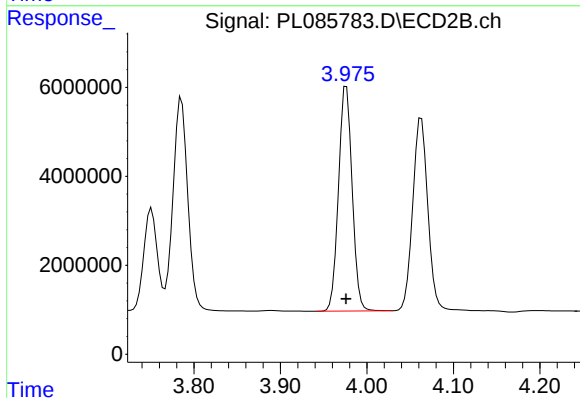
#7 delta-BHC

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 190849783
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

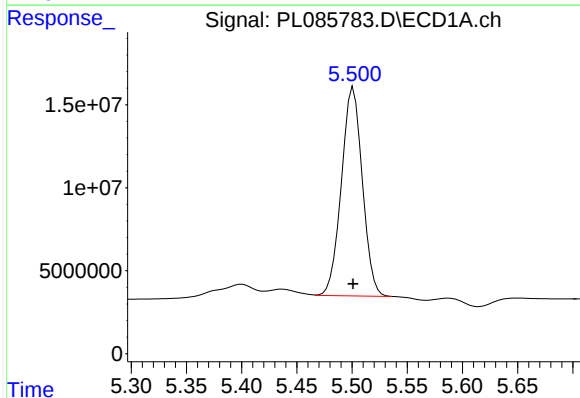
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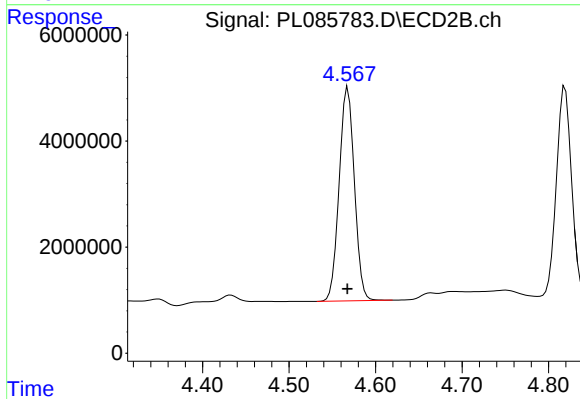
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 55020559
Conc: 47.89 ng/ml



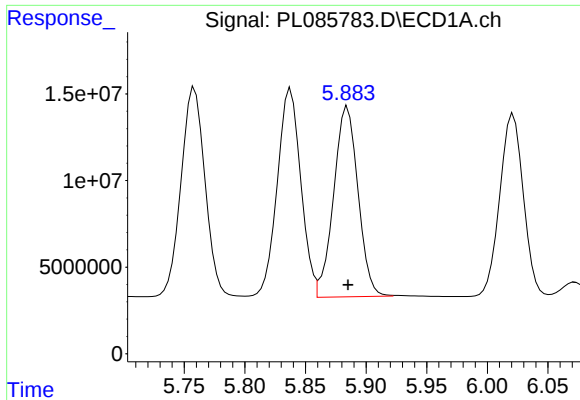
#8 Heptachlor epoxide

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 166042882
Conc: 48.13 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 49029645
Conc: 48.81 ng/ml



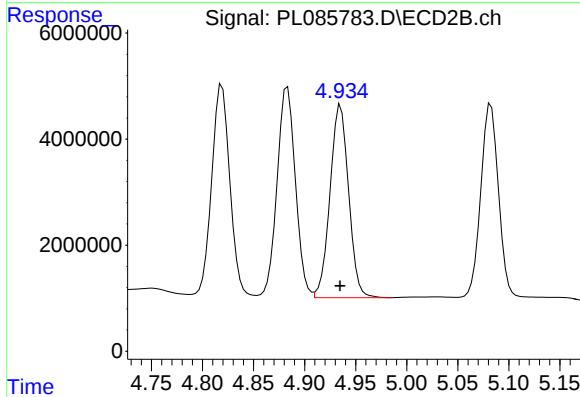
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 153275428
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

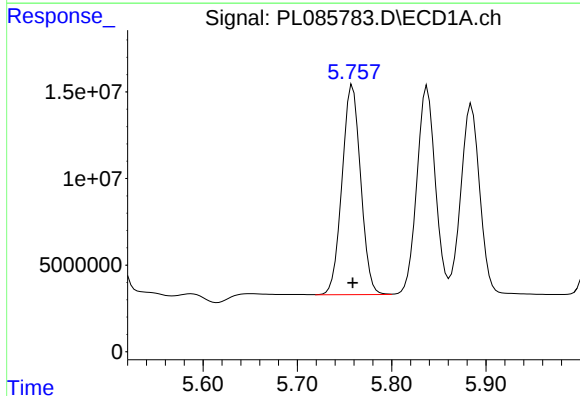
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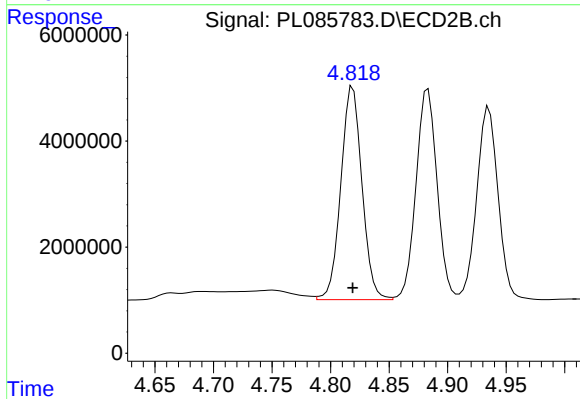
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 46153392
Conc: 43.02 ng/ml



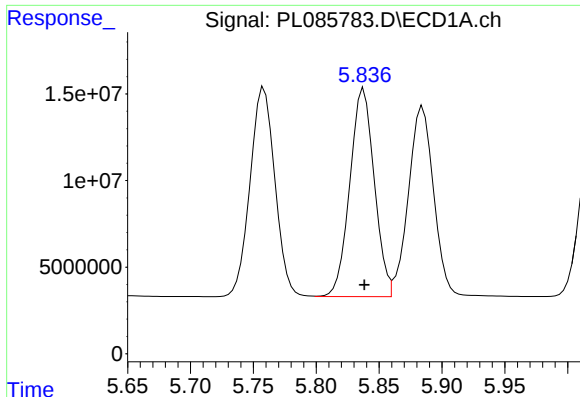
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 166499380
Conc: 48.66 ng/ml m



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 50539872
Conc: 51.03 ng/ml



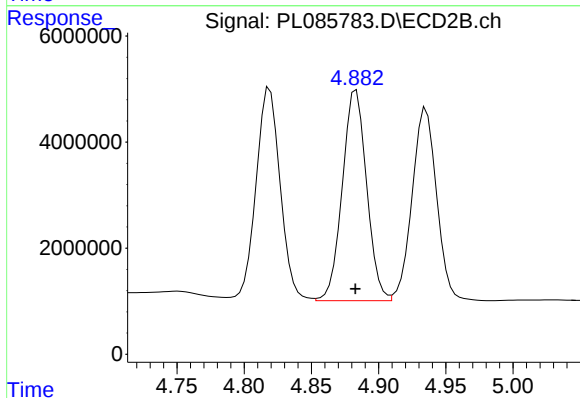
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 161543756
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

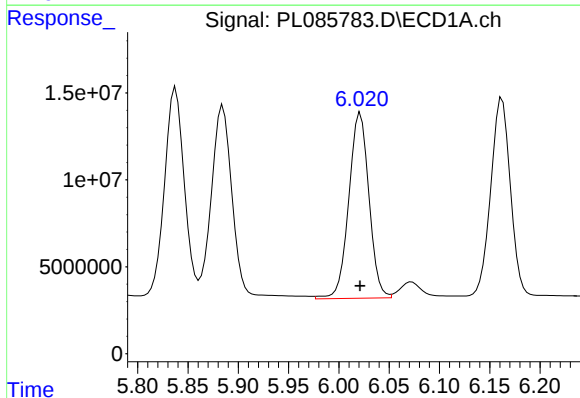
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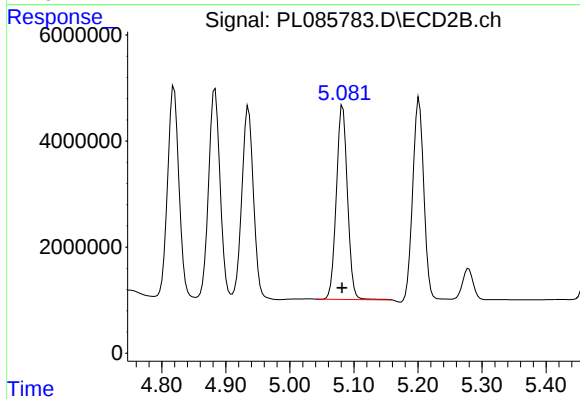
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 49913795
Conc: 45.76 ng/ml



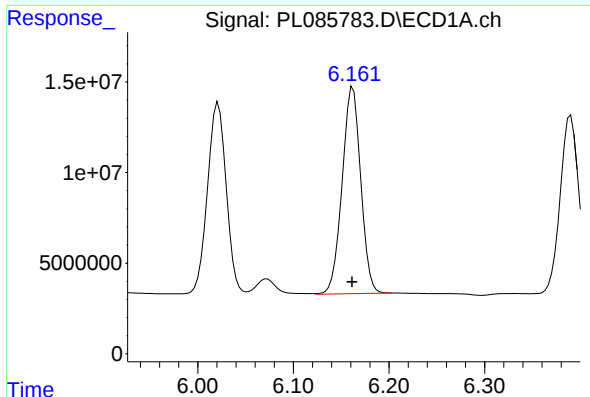
#12 4,4'-DDE

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 148568277
Conc: 53.13 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 44178851
Conc: 53.80 ng/ml



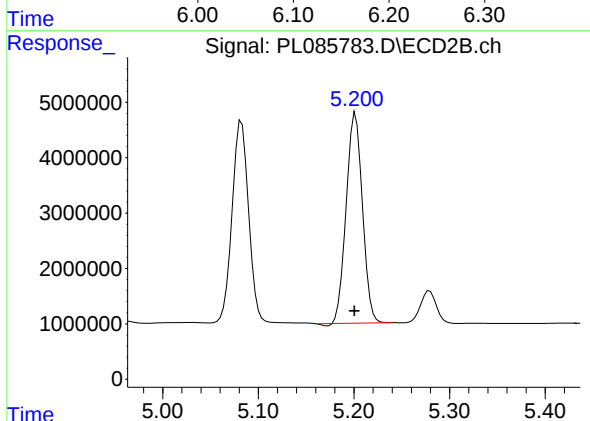
#13 Dieldrin

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 154240388
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

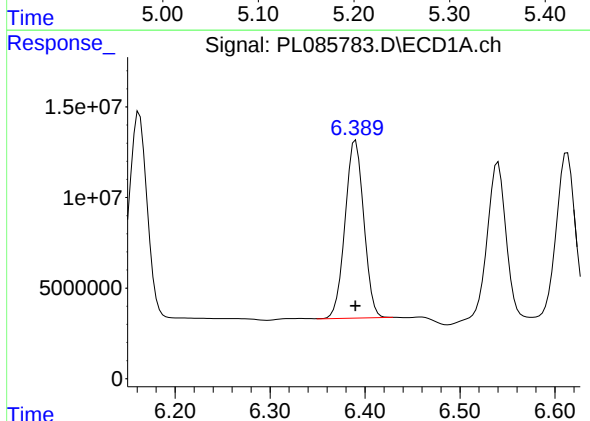
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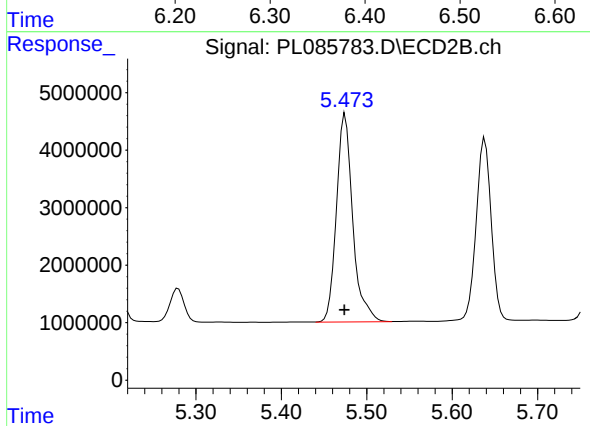
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: 0.001 min
Response: 44919517
Conc: 46.30 ng/ml



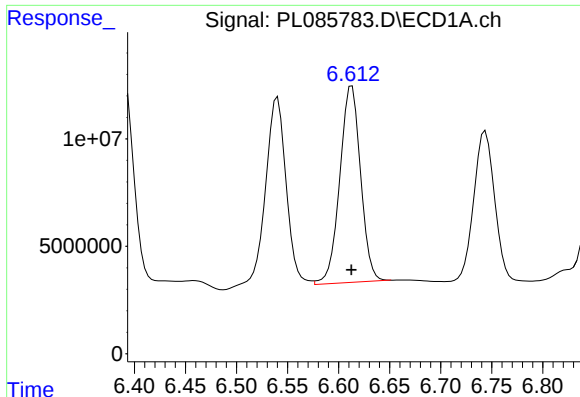
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 134431232
Conc: 47.17 ng/ml m



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 48193331
Conc: 53.61 ng/ml m



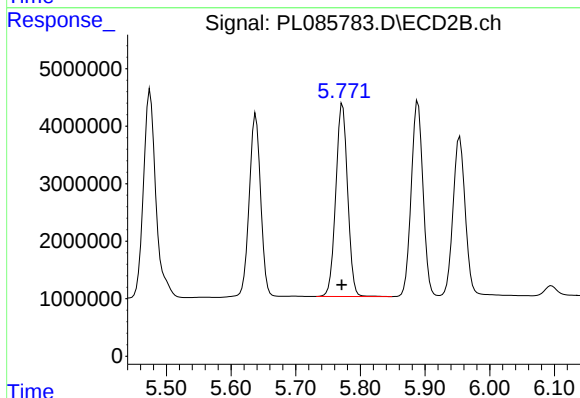
#15 Endosulfan II

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 129536934
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

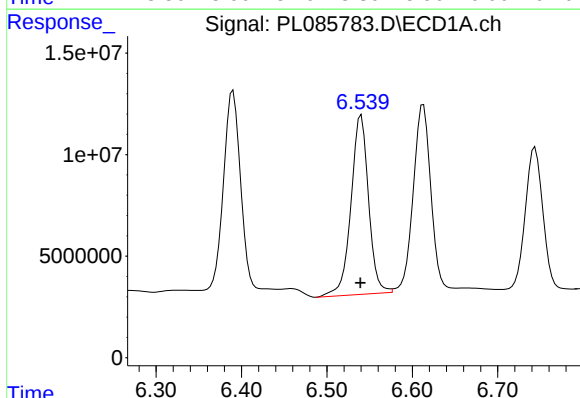
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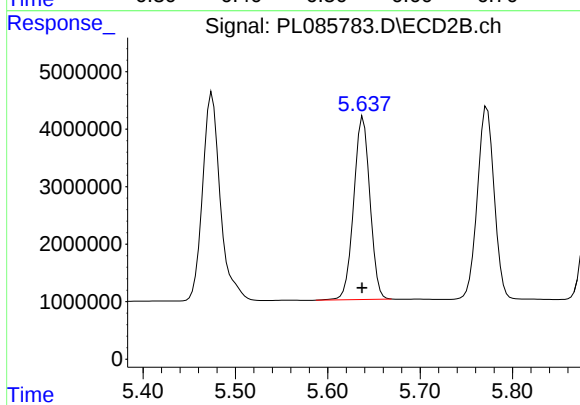
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.001 min
Response: 42544349
Conc: 44.74 ng/ml



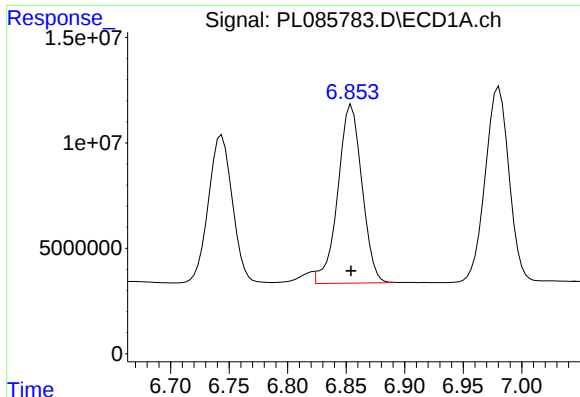
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 125979286
Conc: 62.53 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 38770258
Conc: 55.70 ng/ml



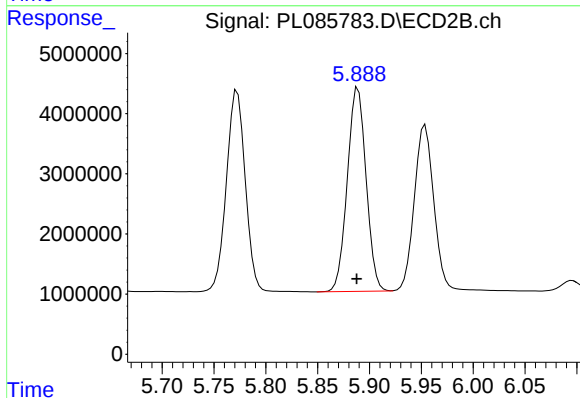
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 121010822
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

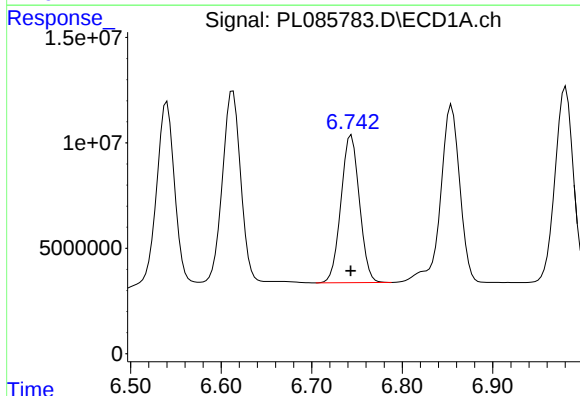
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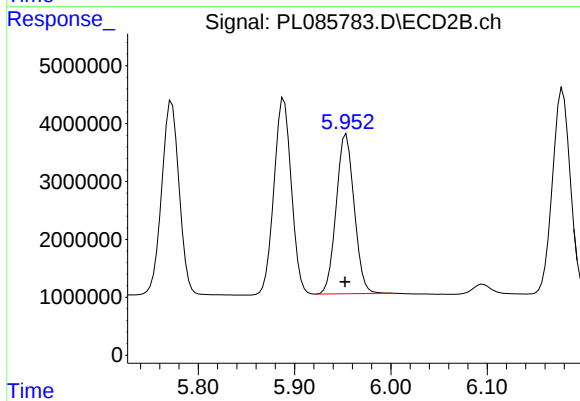
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 42673939
Conc: 53.97 ng/ml



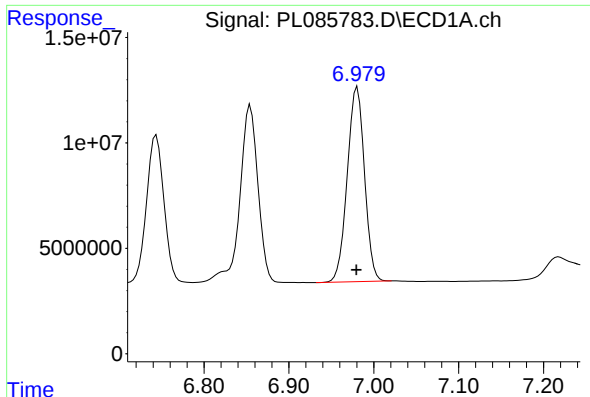
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 99333420
Conc: 49.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 35747630
Conc: 47.94 ng/ml



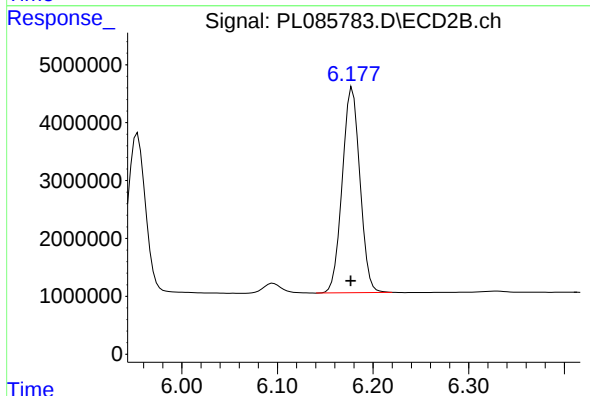
#19 Endosulfan Sulfate

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 130238523
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

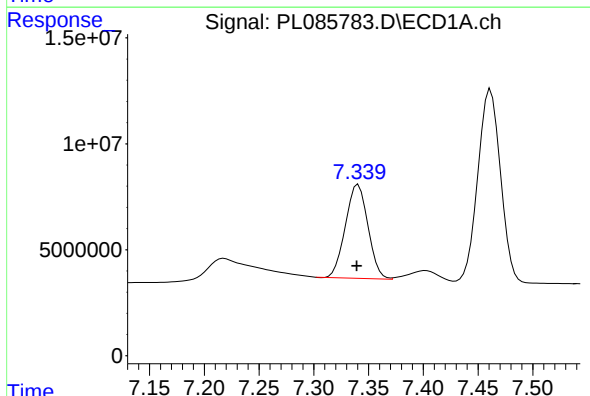
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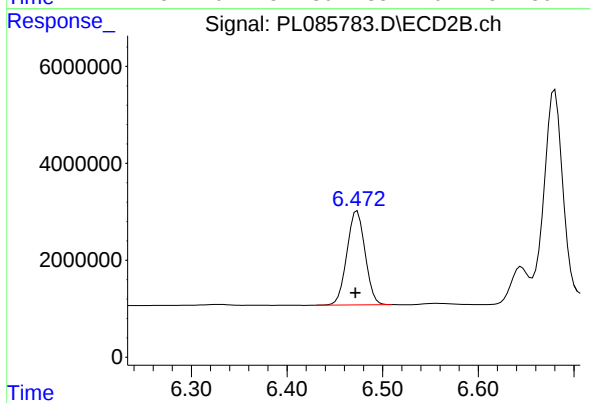
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 45695545
Conc: 50.65 ng/ml



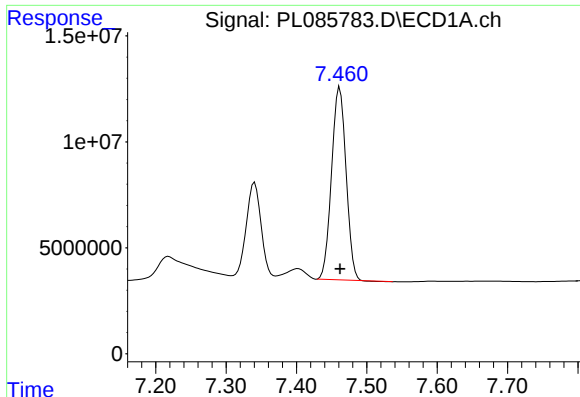
#20 Methoxychlor

R.T.: 7.341 min
Delta R.T.: 0.001 min
Response: 63468546
Conc: 45.44 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 25718005
Conc: 48.89 ng/ml



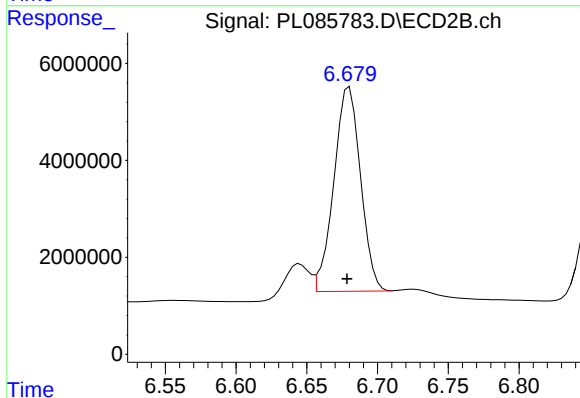
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 130156099
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

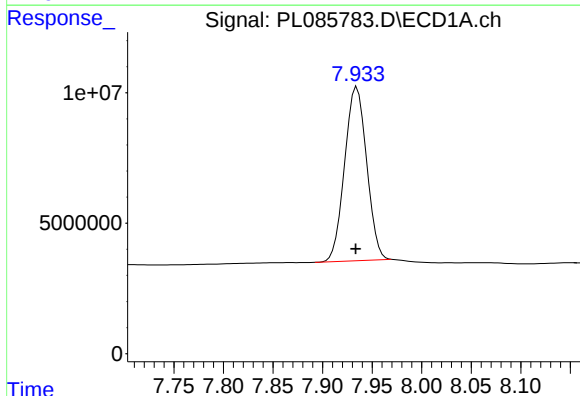
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



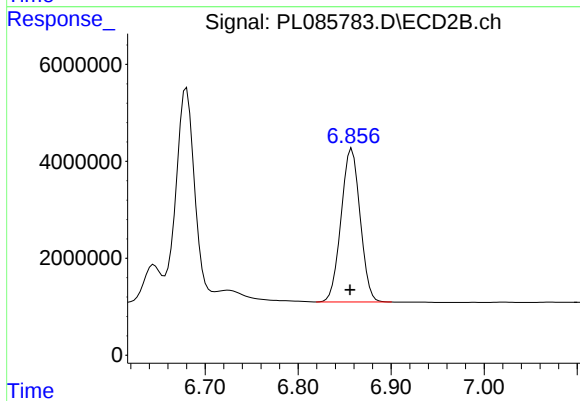
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 54963520
Conc: 47.82 ng/ml m



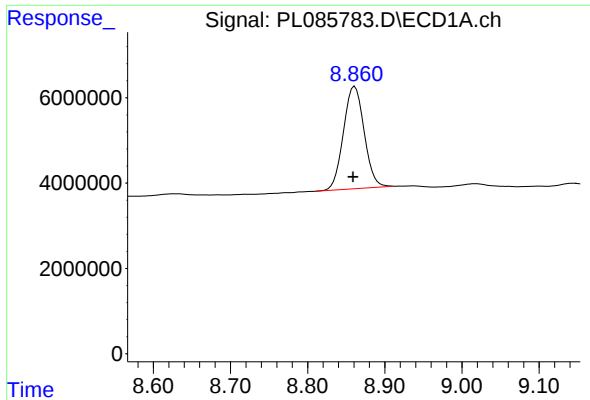
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 103277402
Conc: 46.65 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 44434124
Conc: 47.11 ng/ml



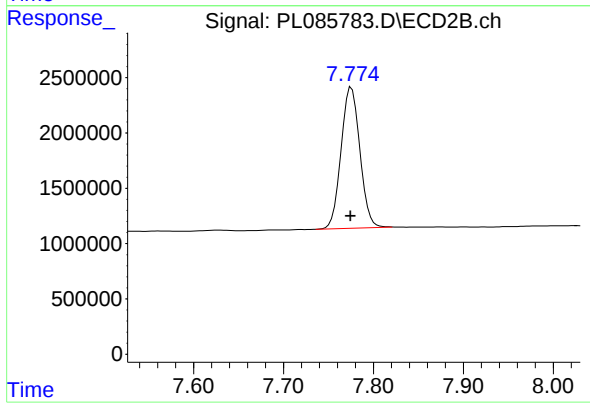
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 44812318
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156213BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 18524509
Conc: 20.07 ng/ml