

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100323\
 Data File : PL085655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 14:55
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2023
 Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 18:08:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 18:03:50 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...	3.368	2.623	298.4E6	95552565	100.478	101.348
28)	SA Decachlor...	8.867	7.778	203.9E6	85786178	97.757m	98.214
Target Compounds							
2)	A alpha-BHC	3.823	3.122	457.5E6	137.5E6	102.784	103.535
3)	MA gamma-BHC...	4.154	3.450	435.7E6	132.1E6	102.481	102.871
4)	MA Heptachlor	4.741	3.787	399.0E6	122.2E6	102.635m	102.883
5)	MB Aldrin	5.082	4.064	399.8E6	118.1E6	101.378	102.762
6)	B beta-BHC	4.357	3.751	151.7E6	49923081	95.322	98.248
7)	B delta-BHC	4.601	3.977	392.4E6	122.0E6	100.601	102.184
8)	B Heptachlo...	5.511	4.569	351.1E6	103.5E6	101.234	101.553
9)	A Endosulfan I	5.895	4.936	323.9E6	100.6E6	101.169	101.570
10)	B gamma-Chl...	5.769	4.821	344.8E6	102.2E6	100.914	102.126
11)	B alpha-Chl...	5.848	4.885	341.6E6	111.4E6	100.617	104.489
12)	B 4,4'-DDE	6.032	5.084	281.1E6	93777563	100.579	106.477
13)	MA Dieldrin	6.172	5.203	332.3E6	103.1E6	100.730	102.889
14)	MA Endrin	6.400	5.477	292.2E6	94330387	101.810	102.541
15)	B Endosulfa...	6.621	5.774	265.7E6	112.8E6	99.115m	111.638
16)	A 4,4'-DDD	6.550	5.639	199.3E6	78670218	99.169	108.559m
17)	MA 4,4'-DDT	6.864	5.889	233.1E6	89102493	99.840	106.142
18)	B Endrin al...	6.753	5.956	195.6E6	69915712	98.518	99.165
19)	B Endosulfa...	6.988	6.179	247.5E6	101.7E6	99.580m	108.402m
20)	A Methoxychlor	7.349	6.474	130.6E6	65384859	101.622	114.834m
21)	B Endrin ke...	7.470	6.680	286.1E6	114.3E6	100.504	102.749m
22)	Mirex	7.942	6.859	212.1E6	90495302	97.834m	99.615

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

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 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC100

Manual Integrations

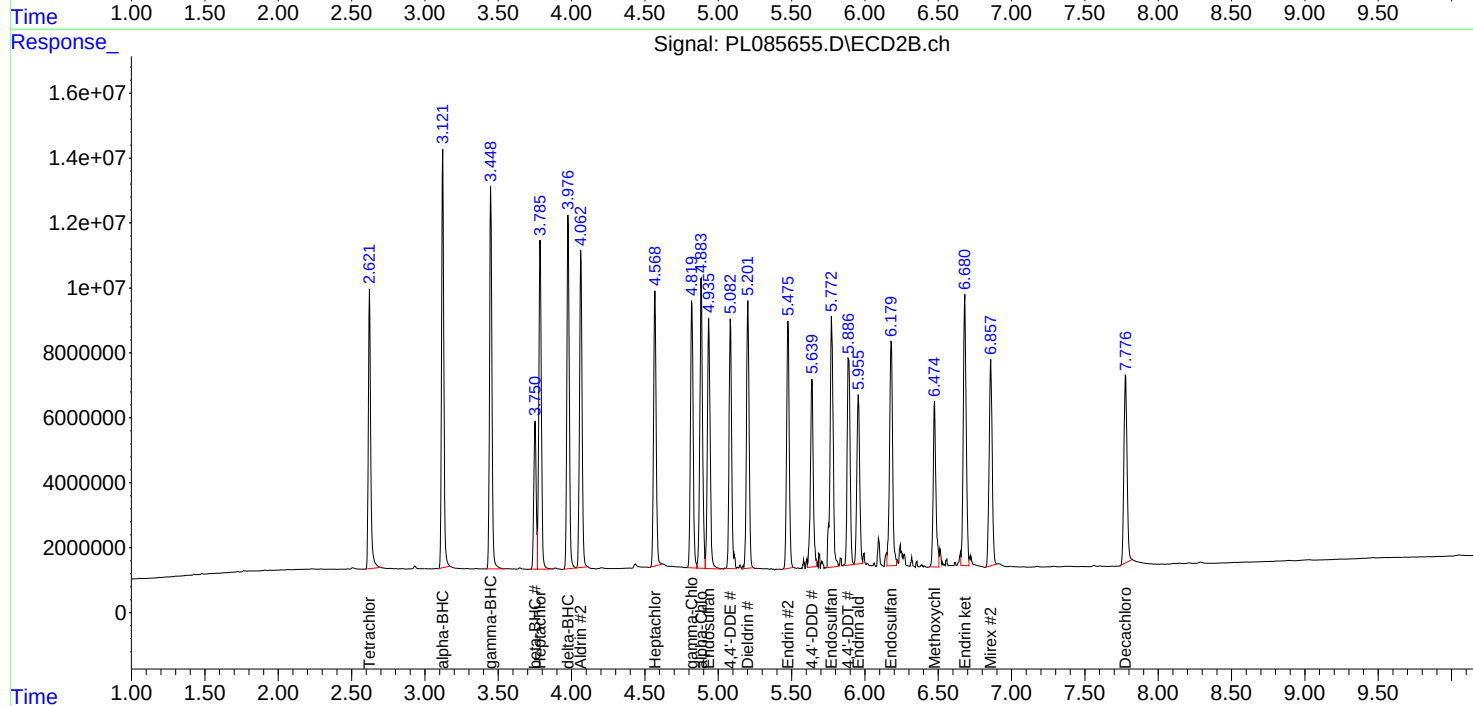
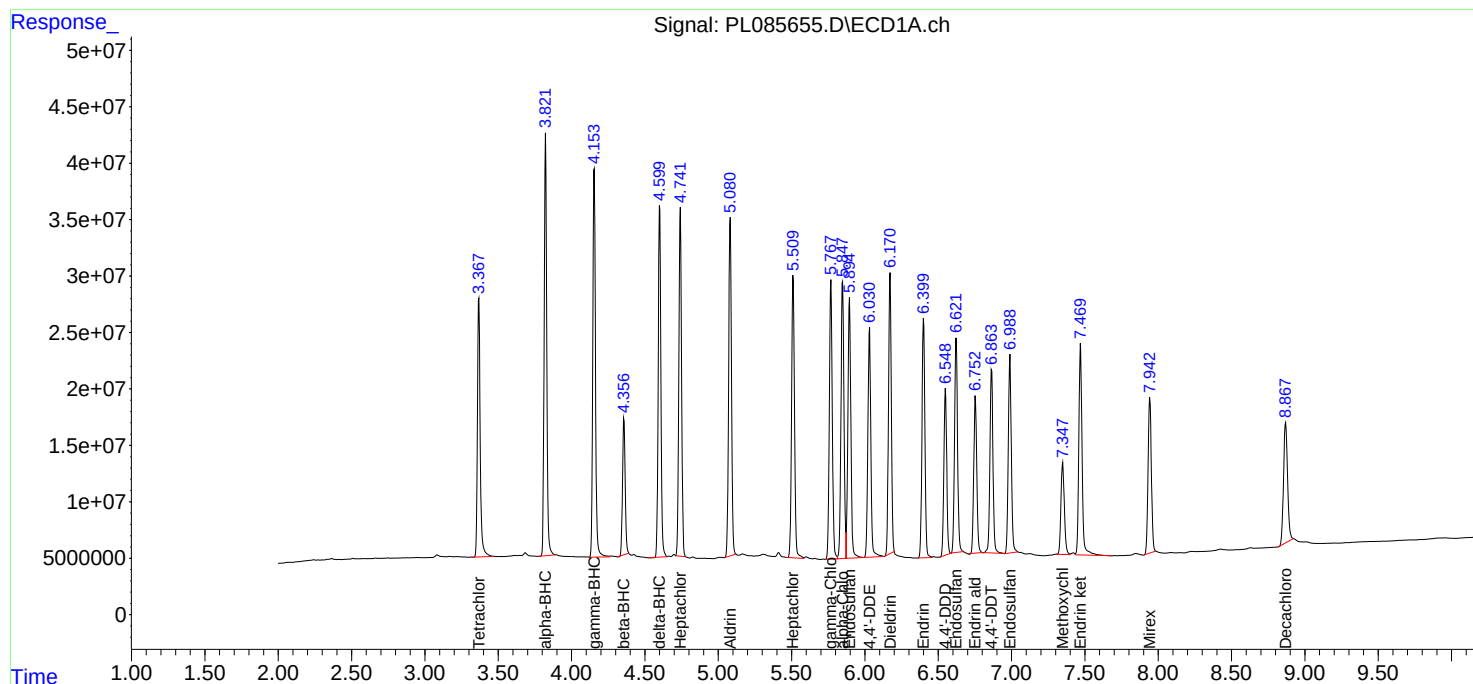
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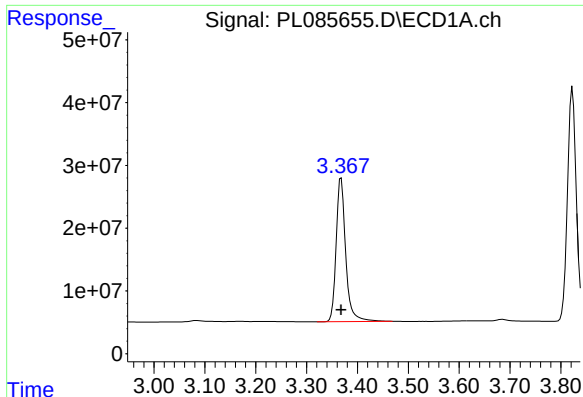
Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 18:08:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
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 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





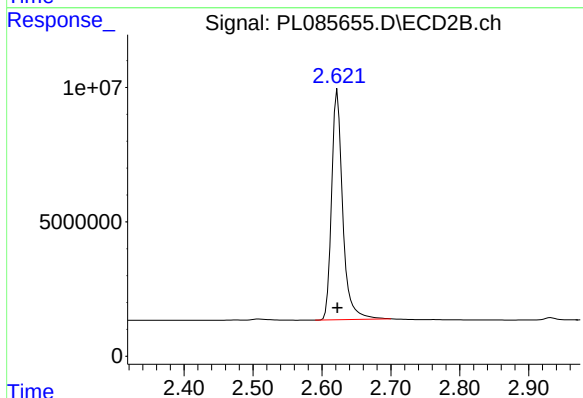
#1 Tetrachloro-m-xylene

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 298422642
Conc: 100.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

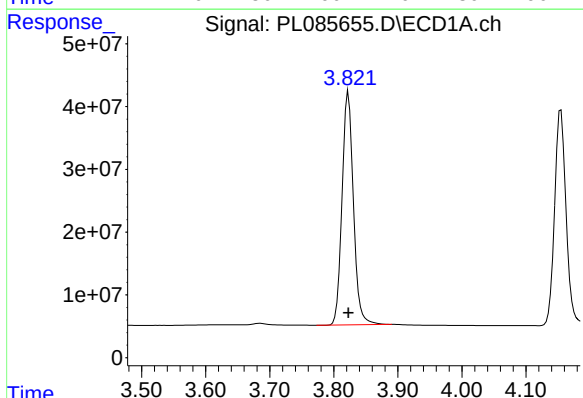
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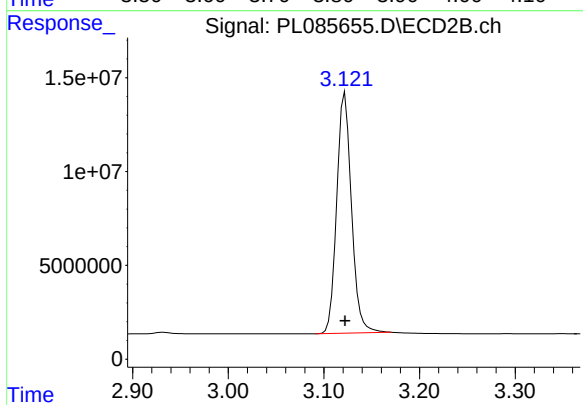
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 95552565
Conc: 101.35 ng/ml



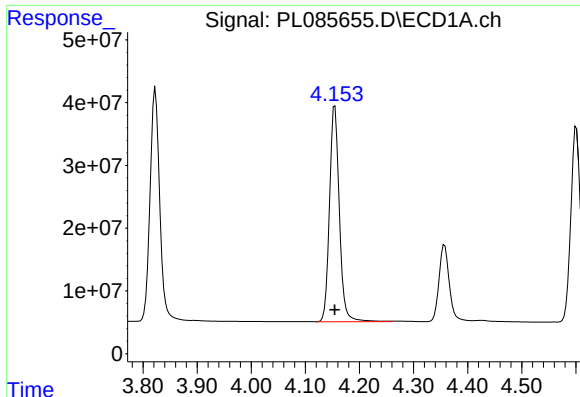
#2 alpha-BHC

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 457495225
Conc: 102.78 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 137460904
Conc: 103.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 435695035
Conc: 102.48 ng/ml

Instrument :

ECD_L

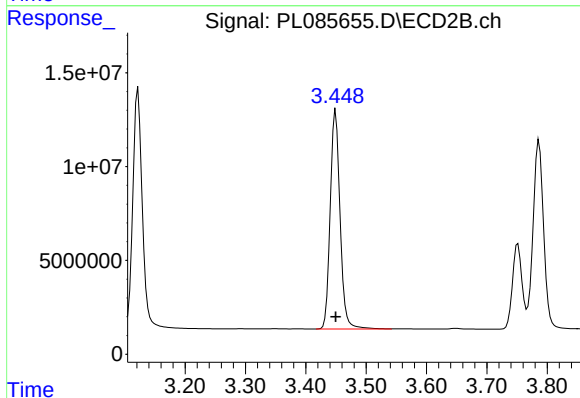
ClientSampleId :

PSTDICC100

Manual Integrations

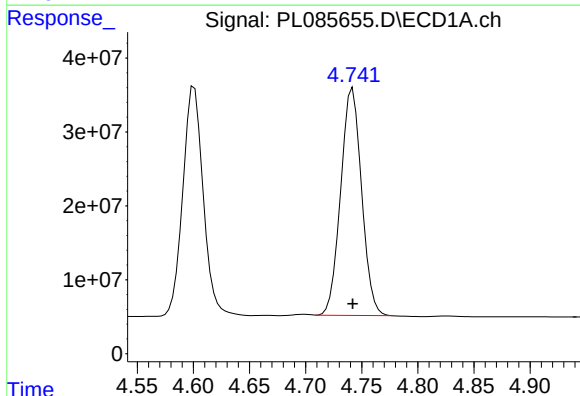
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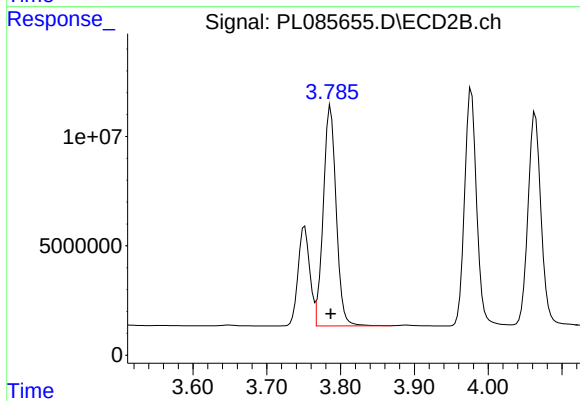
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 132134243
Conc: 102.87 ng/ml



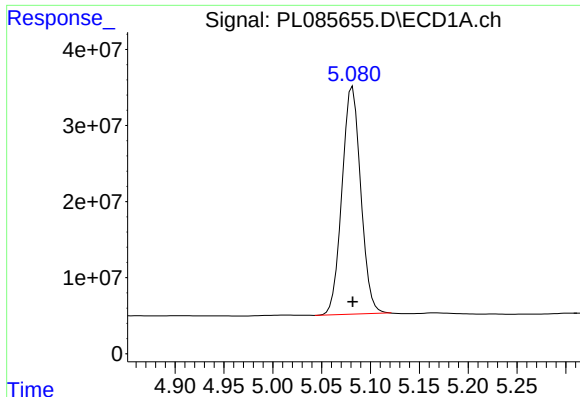
#4 Heptachlor

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 398970759
Conc: 102.63 ng/ml m



#4 Heptachlor

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 122240172
Conc: 102.88 ng/ml



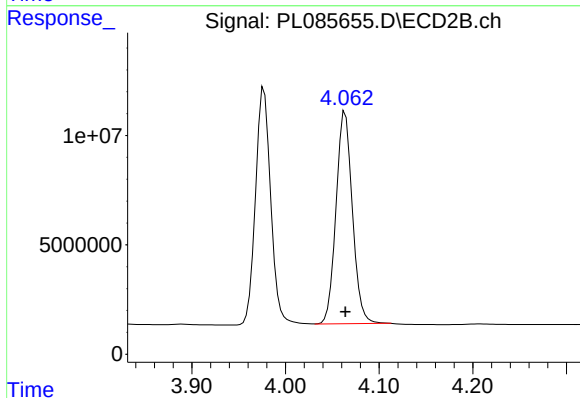
#5 Aldrin

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 399835993
Conc: 101.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

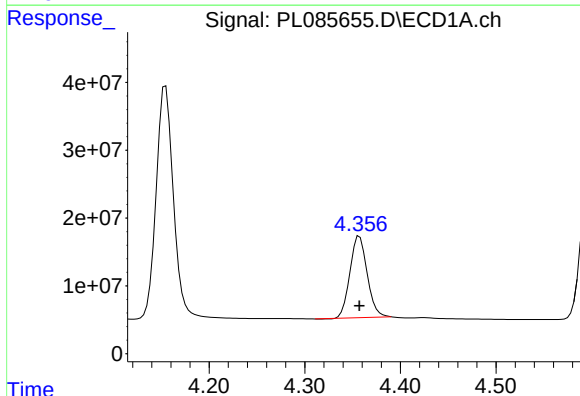
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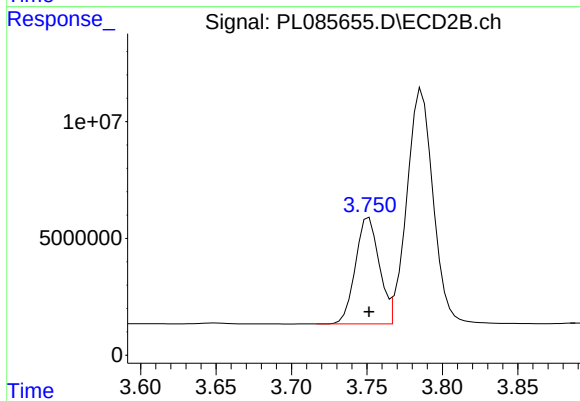
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: 0.000 min
Response: 118074326
Conc: 102.76 ng/ml



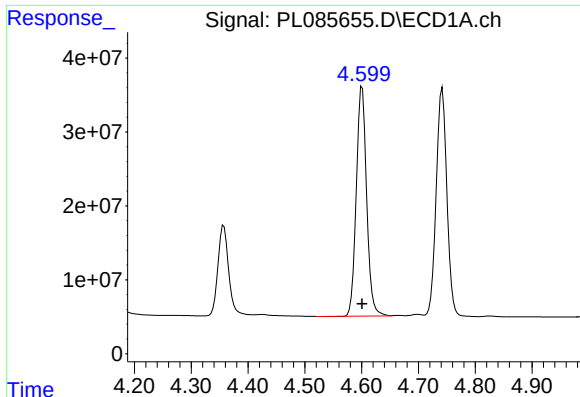
#6 beta-BHC

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 151741951
Conc: 95.32 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 49923081
Conc: 98.25 ng/ml



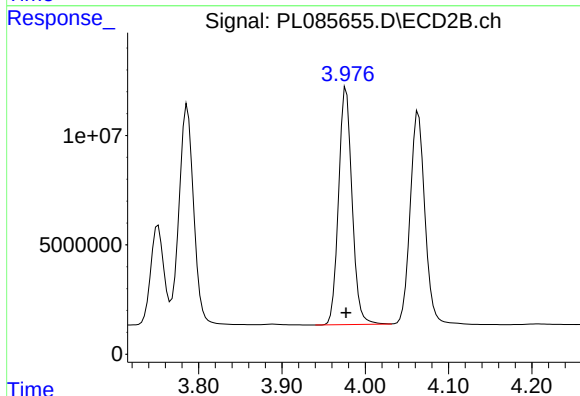
#7 delta-BHC

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 392373351
Conc: 100.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

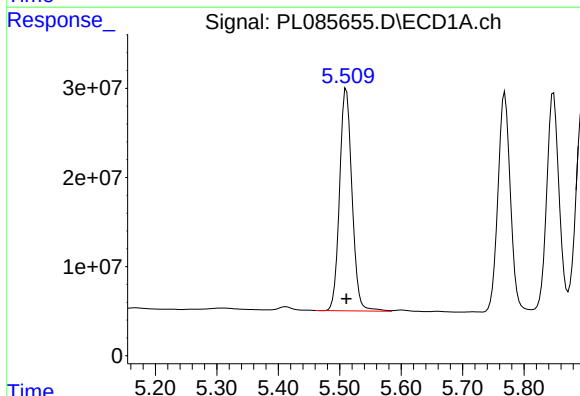
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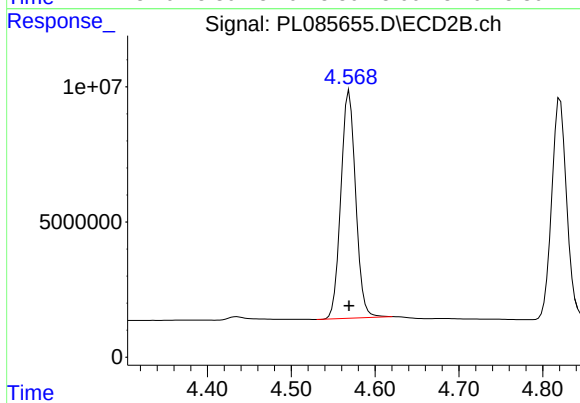
#7 delta-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 121974076
Conc: 102.18 ng/ml



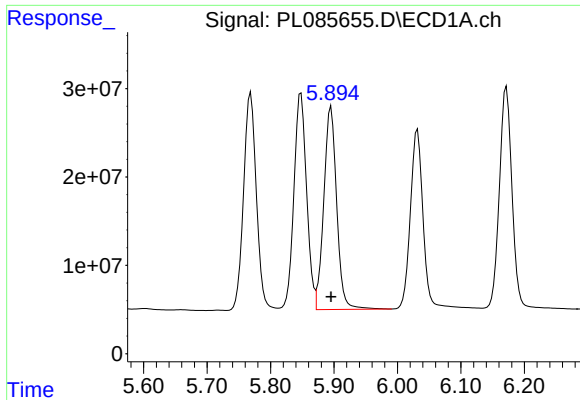
#8 Heptachlor epoxide

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 351105306
Conc: 101.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 103484501
Conc: 101.55 ng/ml



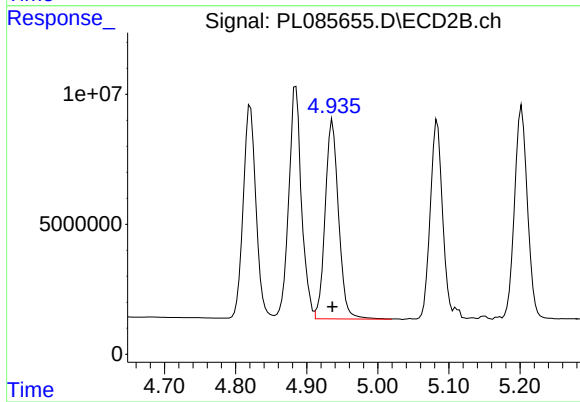
#9 Endosulfan I

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 323854547
Conc: 101.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

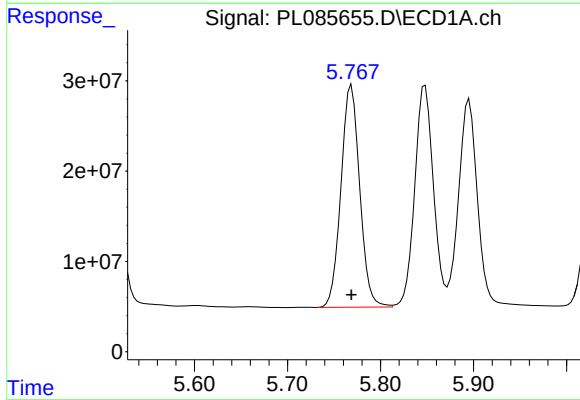
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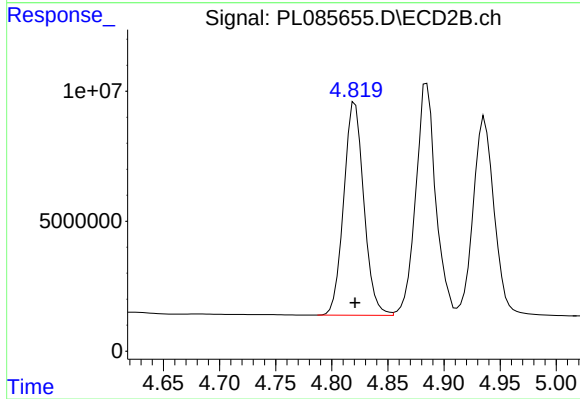
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 100610933
Conc: 101.57 ng/ml



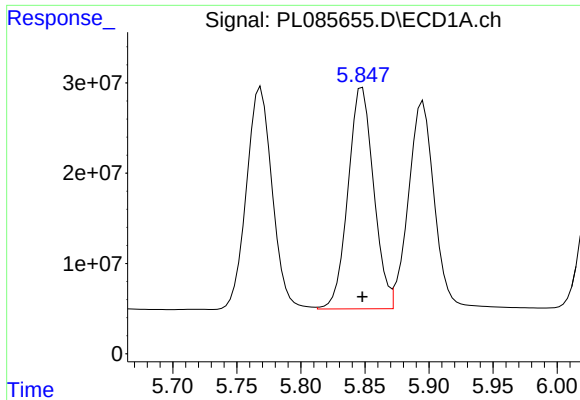
#10 gamma-Chlordane

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 344781089
Conc: 100.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 102210625
Conc: 102.13 ng/ml



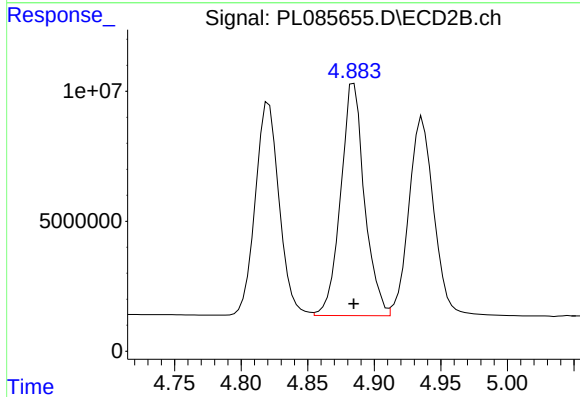
#11 alpha-Chlordane

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 341632560
Conc: 100.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

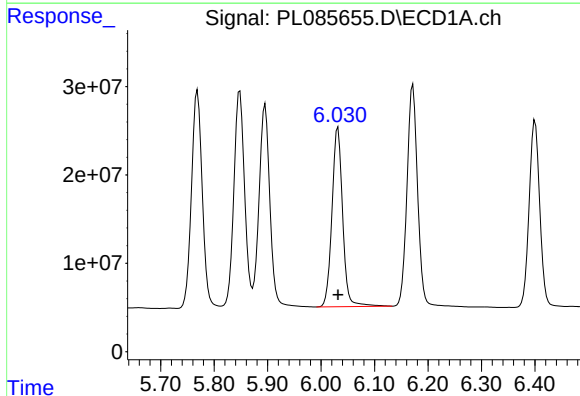
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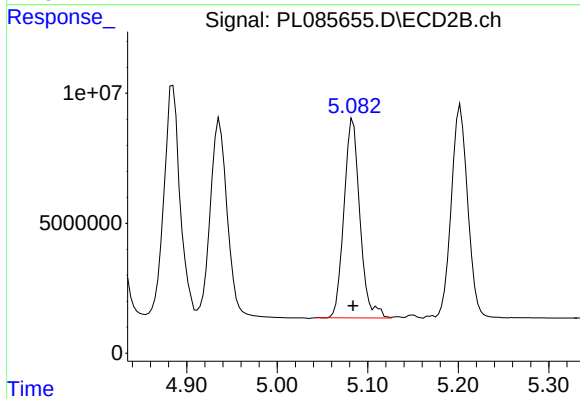
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 111442378
Conc: 104.49 ng/ml



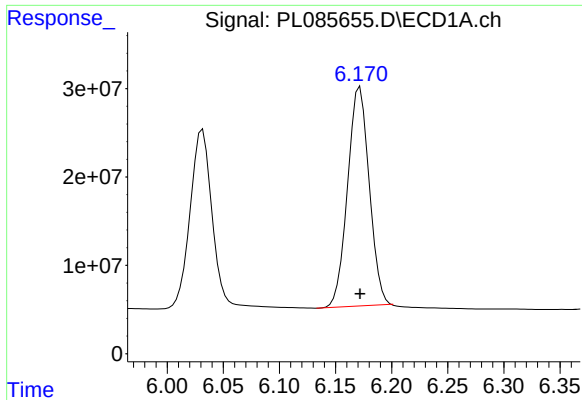
#12 4,4'-DDE

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 281059672
Conc: 100.58 ng/ml



#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 93777563
Conc: 106.48 ng/ml



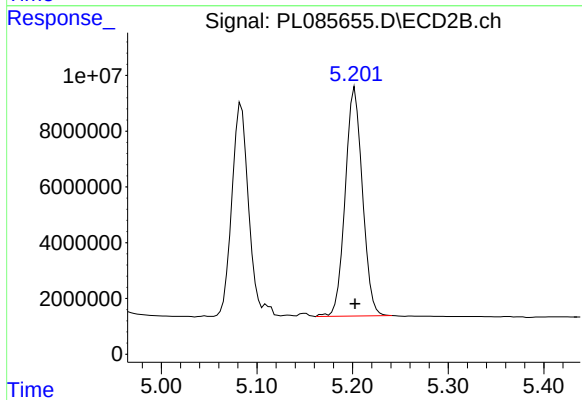
#13 Dieldrin

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 332330603
Conc: 100.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

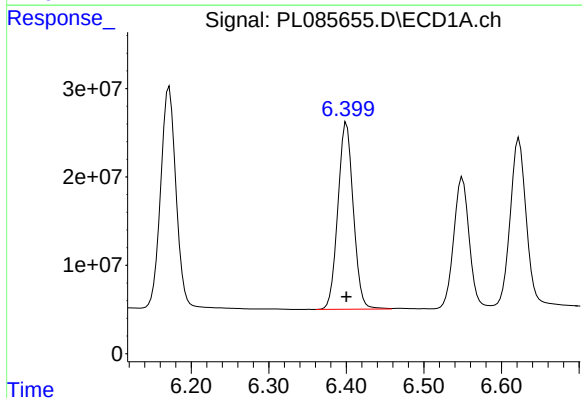
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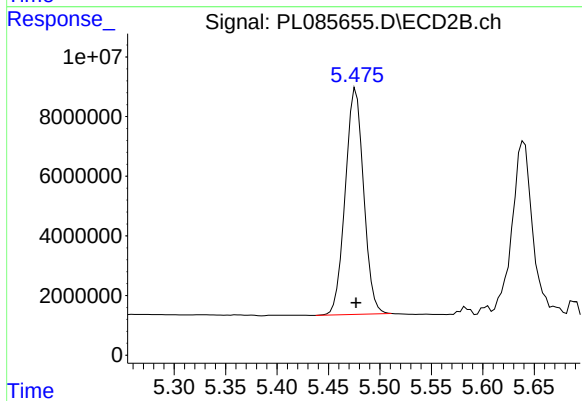
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 103051171
Conc: 102.89 ng/ml



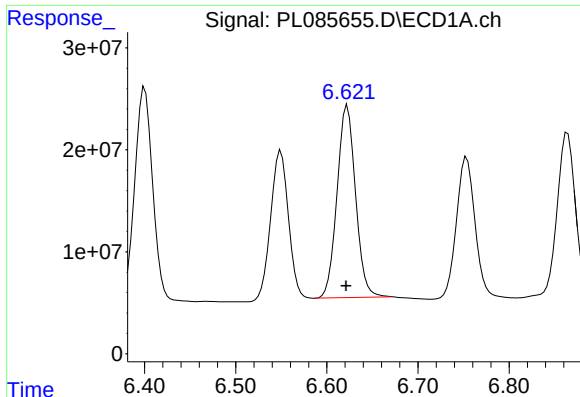
#14 Endrin

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 292214386
Conc: 101.81 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 94330387
Conc: 102.54 ng/ml



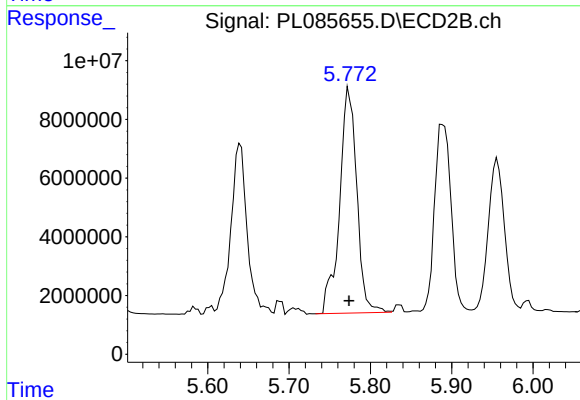
#15 Endosulfan II

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 265718744
Conc: 99.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

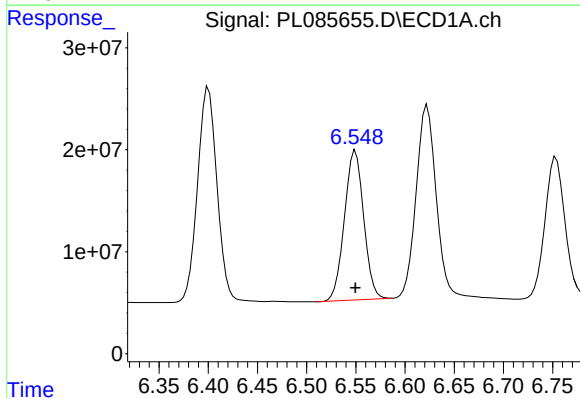
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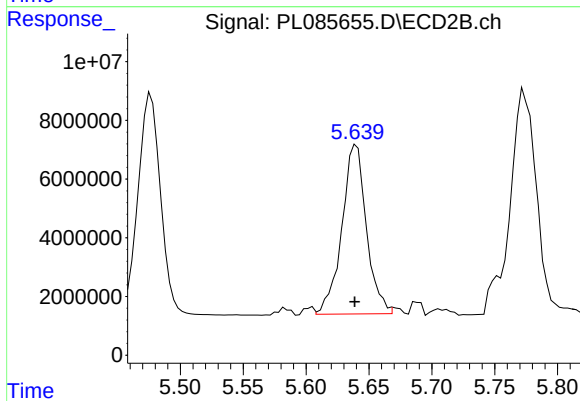
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 112827415
Conc: 111.64 ng/ml



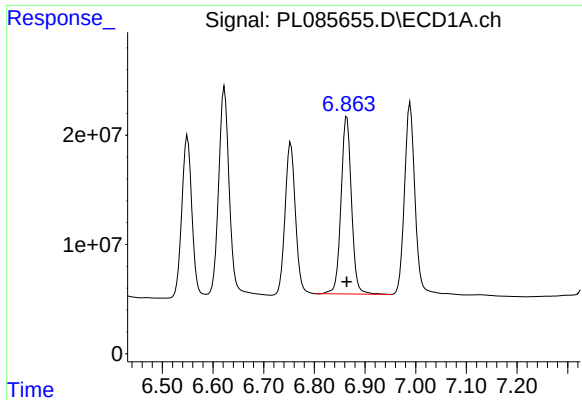
#16 4,4'-DDD

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 199328166
Conc: 99.17 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 78670218
Conc: 108.56 ng/ml m



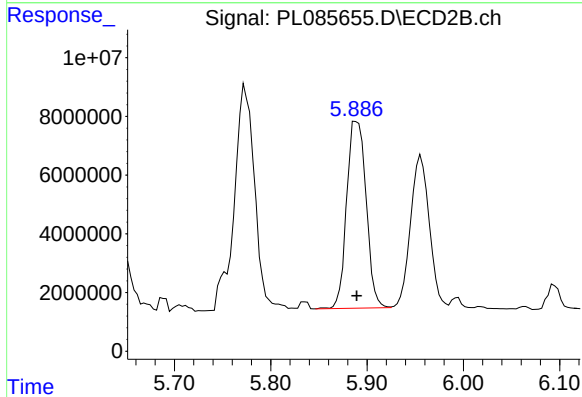
#17 4,4'-DDT

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 233110218
Conc: 99.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

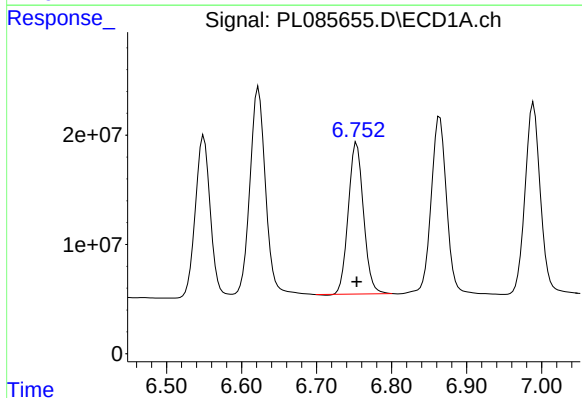
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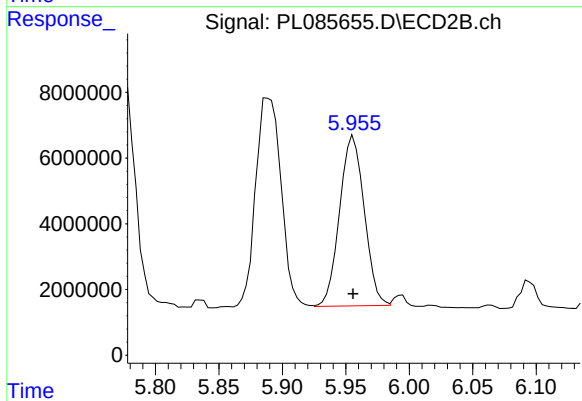
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 89102493
Conc: 106.14 ng/ml



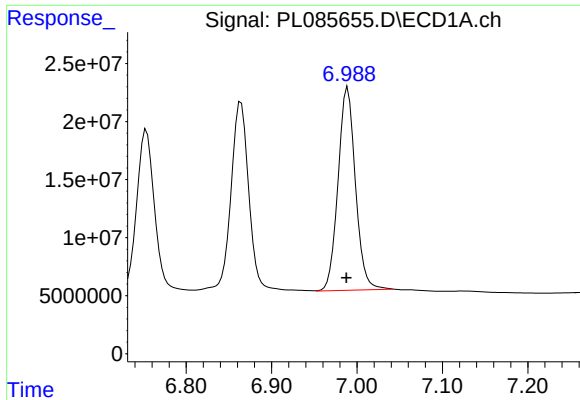
#18 Endrin aldehyde

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 195614381
Conc: 98.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 69915712
Conc: 99.17 ng/ml



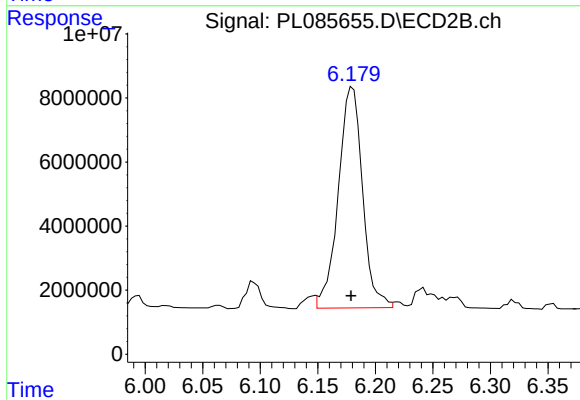
#19 Endosulfan Sulfate

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 247506971
Conc: 99.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

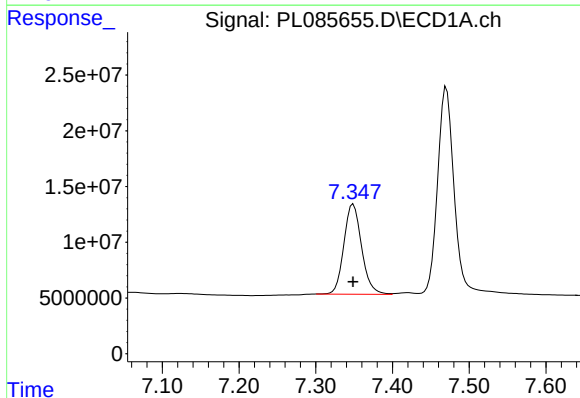
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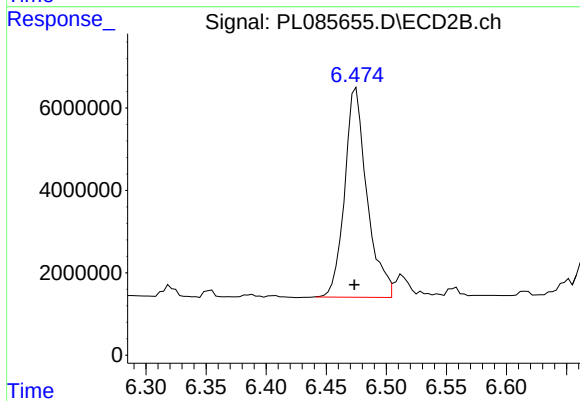
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 101703474
Conc: 108.40 ng/ml m



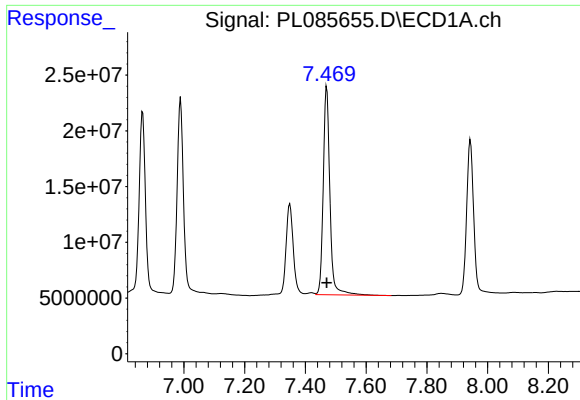
#20 Methoxychlor

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 130588087
Conc: 101.62 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 65384859
Conc: 114.83 ng/ml m



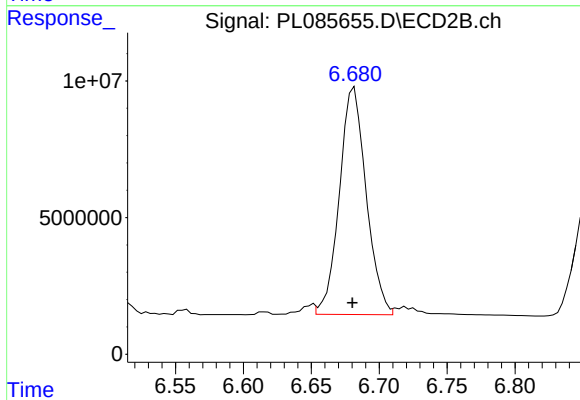
#21 Endrin ketone

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 286121112
Conc: 100.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

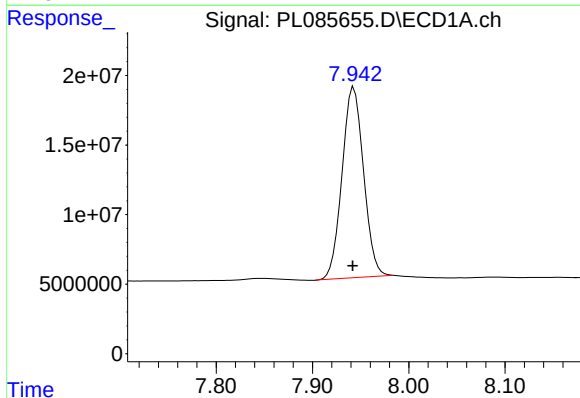
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Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023



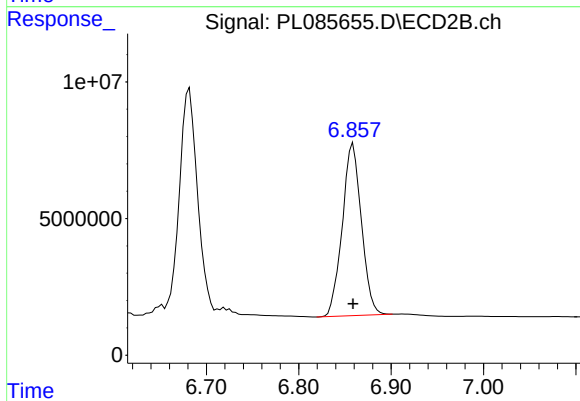
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 114296073
Conc: 102.75 ng/ml m



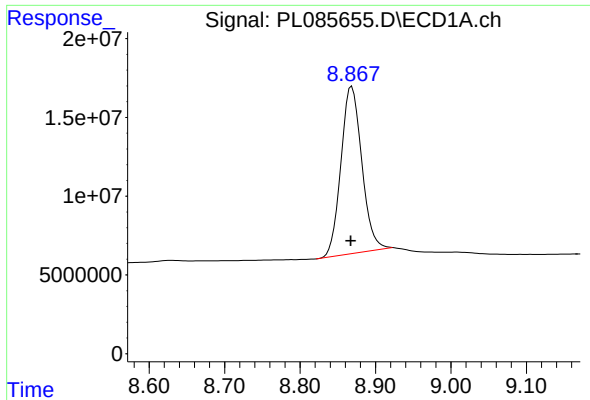
#22 Mirex

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 212057856
Conc: 97.83 ng/ml m



#22 Mirex

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 90495302
Conc: 99.62 ng/ml



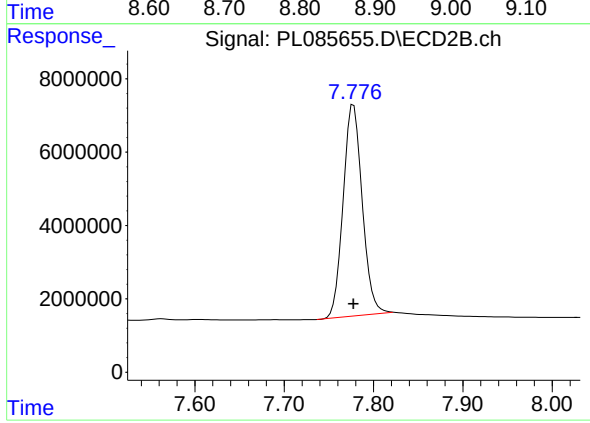
#28 Decachlorobiphenyl

R.T.: 8.867 min
Delta R.T.: 0.000 min
Response: 203874984
Conc: 97.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023



#28 Decachlorobiphenyl

R.T.: 7.778 min
Delta R.T.: 0.000 min
Response: 85786178
Conc: 98.21 ng/ml