

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 09:57
 Operator : AR\AJ
 Sample : 04976-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-426-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2023
 Supervised By : Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:04:19 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...	3.354	2.622	59090930	18506351	19.868m	19.812
28)	SA Decachlor...	8.853	7.771	57660334	24546551	26.473	26.595
Target Compounds							
2)	A alpha-BHC	3.809	3.120	243.9E6	67954832	56.824	54.012
3)	MA gamma-BHC...	4.141	3.445	233.4E6	67572931	56.466	54.788m
4)	MA Heptachlor	4.728	3.783	222.9E6	63635030	57.644	54.713
5)	MB Aldrin	5.067	4.059	224.2E6	65034742	57.835	58.157
6)	B beta-BHC	4.344	3.749	93462873	29229562	56.520	56.147
7)	B delta-BHC	4.587	3.974	232.2E6	66214940	60.565	57.630
8)	B Heptachlo...	5.496	4.564	196.8E6	61458920	57.050m	61.190
9)	A Endosulfan I	5.879	4.932	182.6E6	57525485	56.465m	53.625
10)	B gamma-Chl...	5.753	4.816	201.2E6	63639037	58.815m	64.257
11)	B alpha-Chl...	5.832	4.879	202.8E6	63249793	59.352m	57.989
12)	B 4,4'-DDE	6.017	5.078	181.2E6	55996962	64.795	68.194
13)	MA Dieldrin	6.157	5.197	195.6E6	62042580	59.532	63.947
14)	MA Endrin	6.386	5.471	171.1E6	57269191	60.040	63.703
15)	B Endosulfa...	6.609	5.768	165.3E6	55798392	60.003	58.677
16)	A 4,4'-DDD	6.536	5.634	139.8E6	47877373	69.373	68.785
17)	MA 4,4'-DDT	6.849	5.885	141.1E6	47090993	59.865m	59.552
18)	B Endrin al...	6.740	5.950	130.6E6	46989017	64.415	63.012
19)	B Endosulfa...	6.976	6.174	158.3E6	55402307	63.076	61.414
20)	A Methoxychlor	7.336	6.469	82283945	30126310	58.917	57.266
21)	B Endrin ke...	7.457	6.676	168.5E6	67131261	58.487	58.405
22)	Mirex	7.930	6.852	152.2E6	63517872	68.749	67.345

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 09:57
 Operator : AR\AJ
 Sample : 04976-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

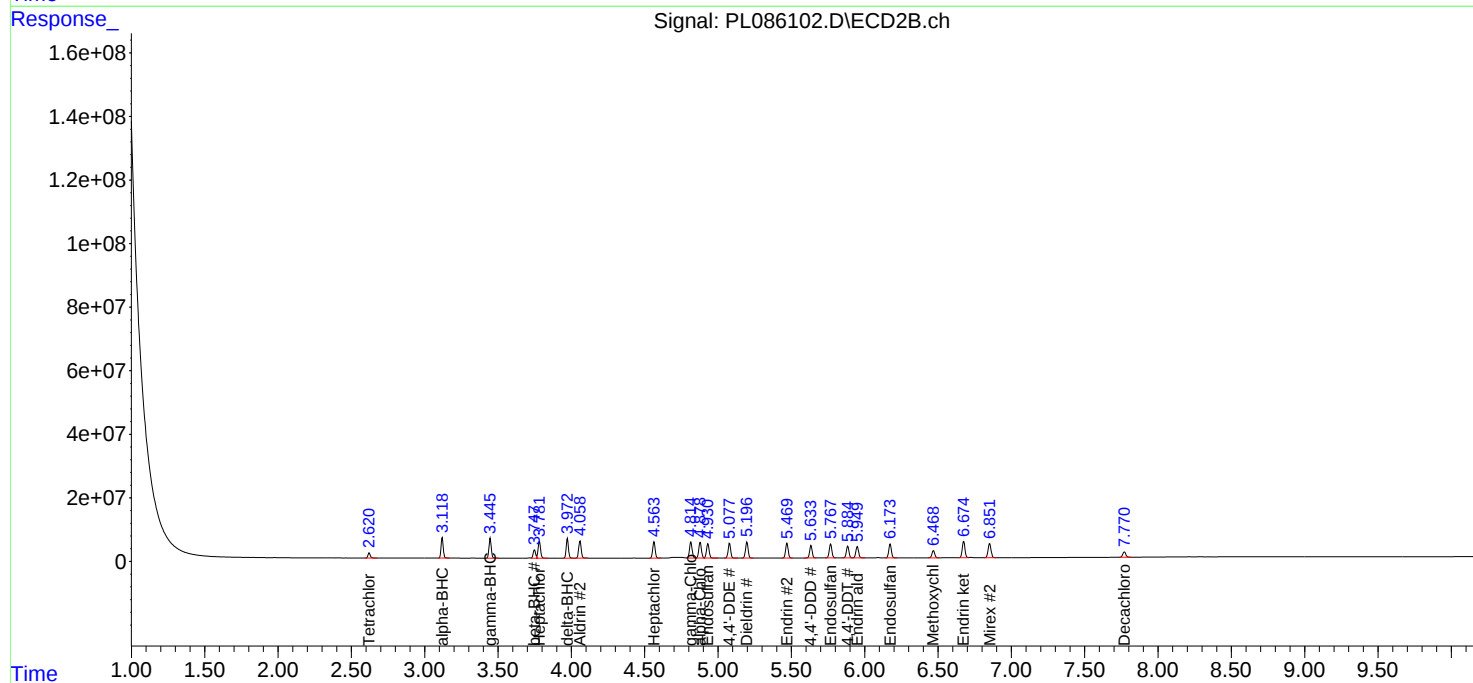
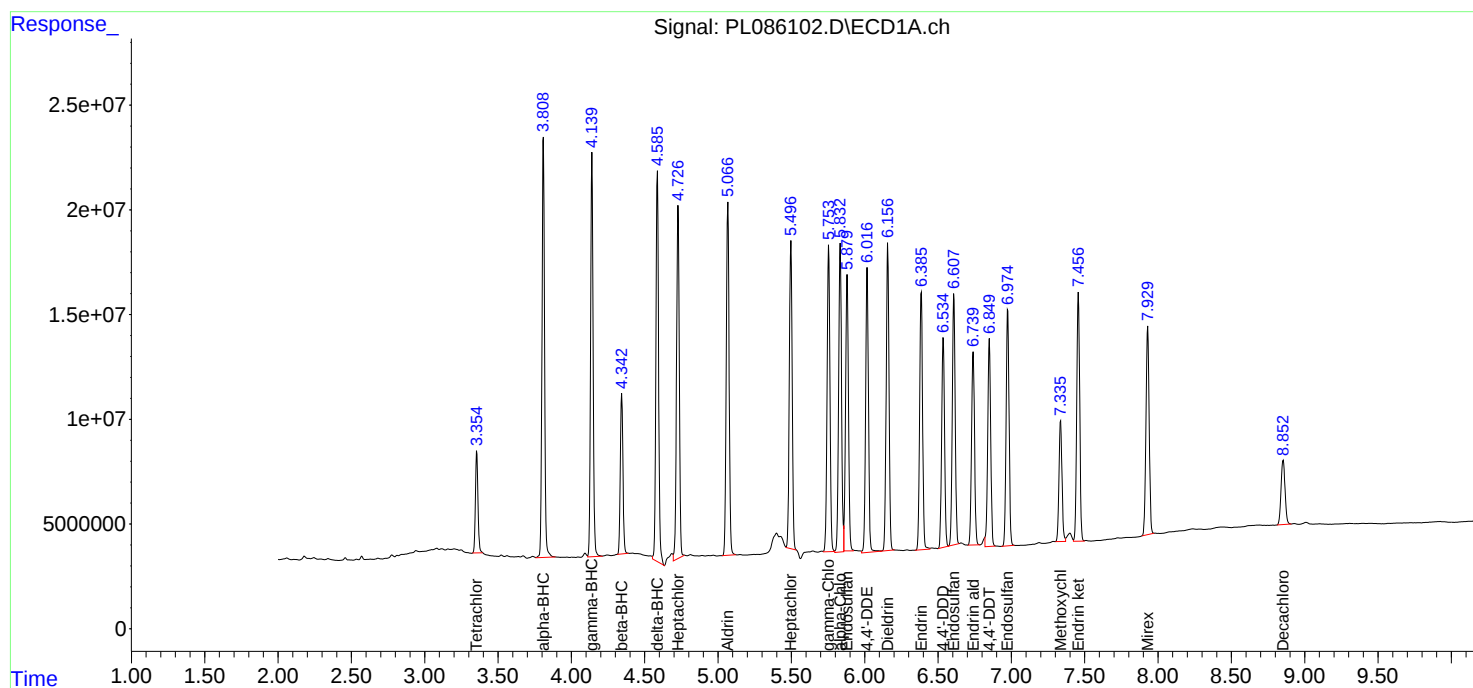
Instrument :
 ECD_L
 ClientSampleId :
 NB-426-COMP-01MS

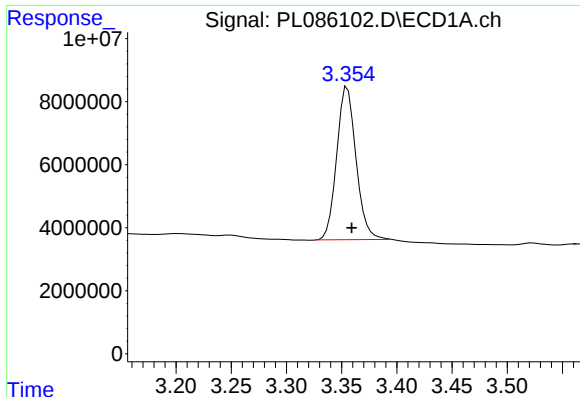
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:04:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





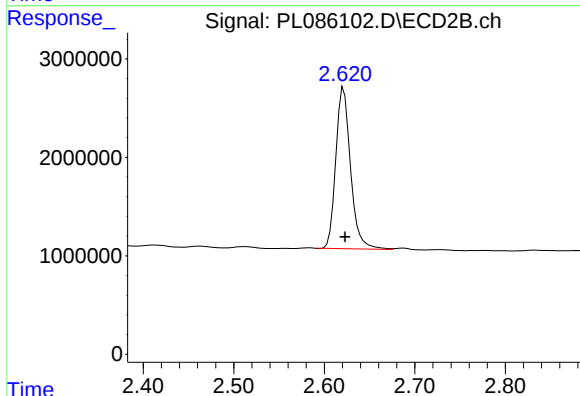
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: -0.005 min
Response: 59090930
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

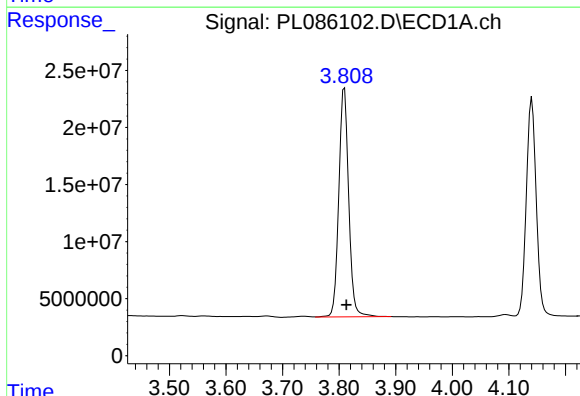
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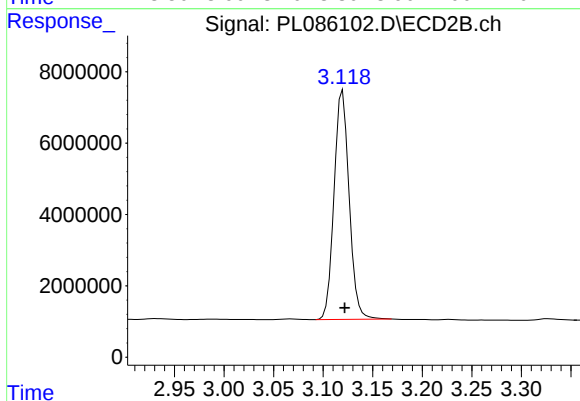
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 18506351
Conc: 19.81 ng/ml



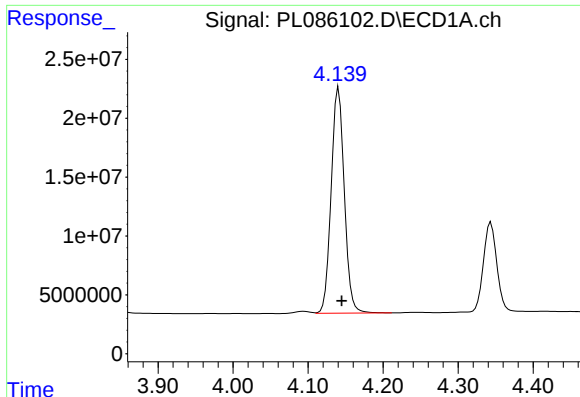
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 243882510
Conc: 56.82 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 67954832
Conc: 54.01 ng/ml



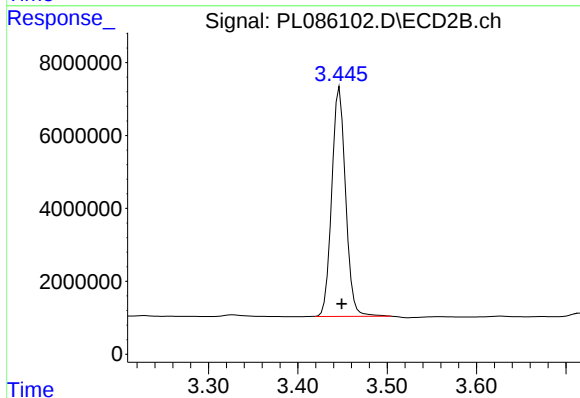
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 233390951
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

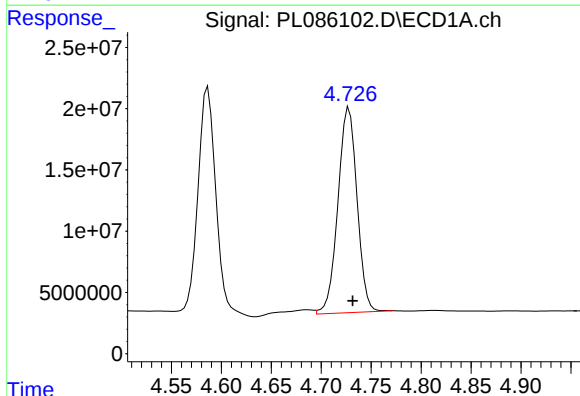
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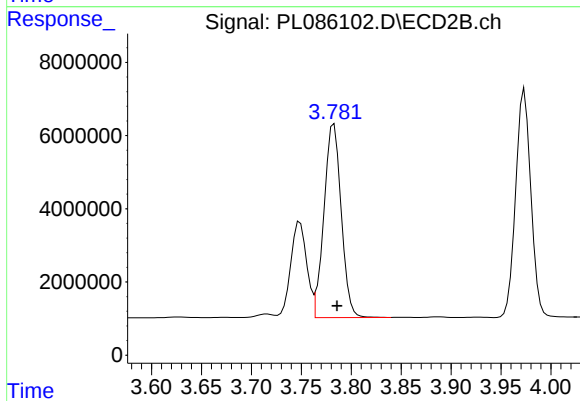
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 67572931
Conc: 54.79 ng/ml m



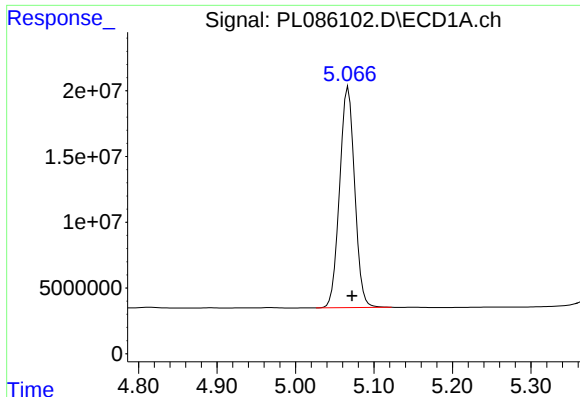
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 222946871
Conc: 57.64 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 63635030
Conc: 54.71 ng/ml



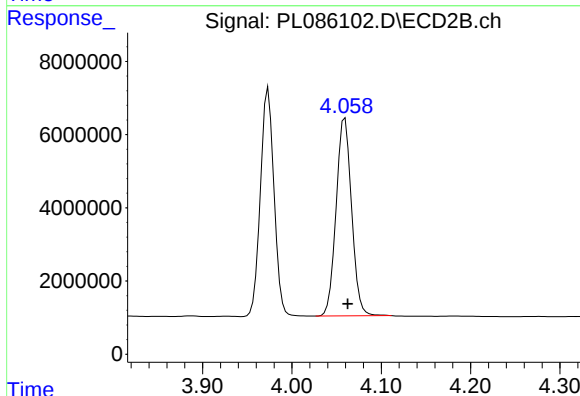
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 224187975
Conc: 57.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

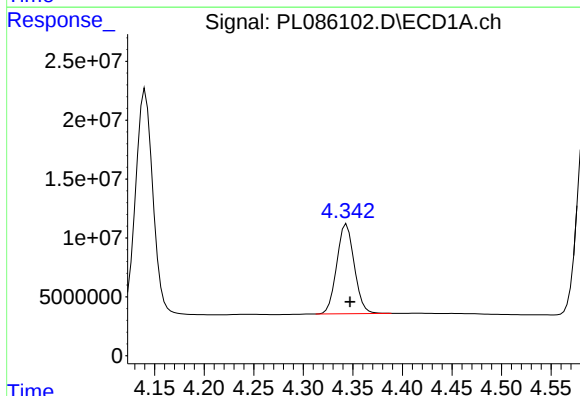
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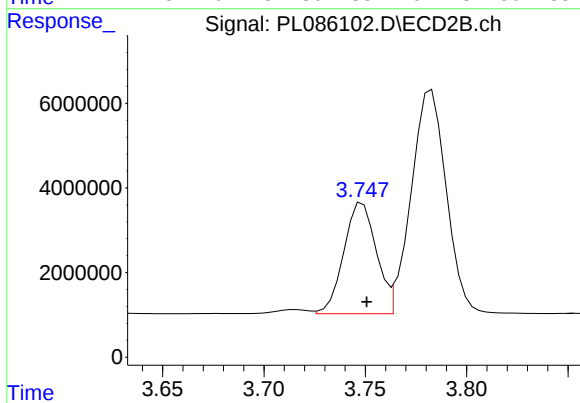
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 65034742
Conc: 58.16 ng/ml



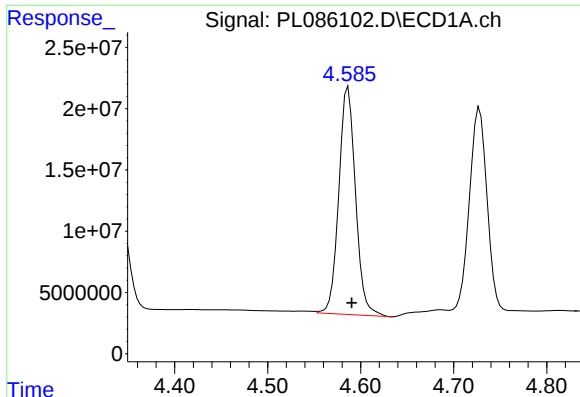
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 93462873
Conc: 56.52 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 29229562
Conc: 56.15 ng/ml



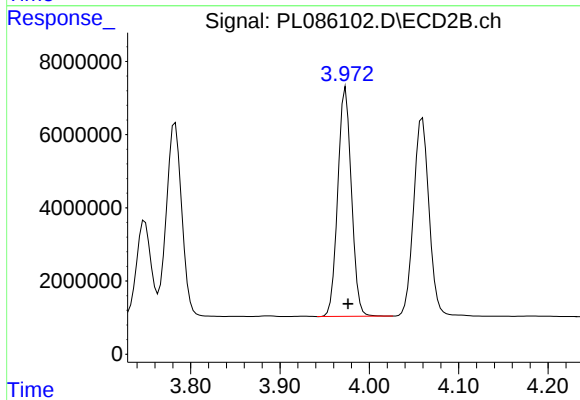
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 232228614
Conc: 60.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

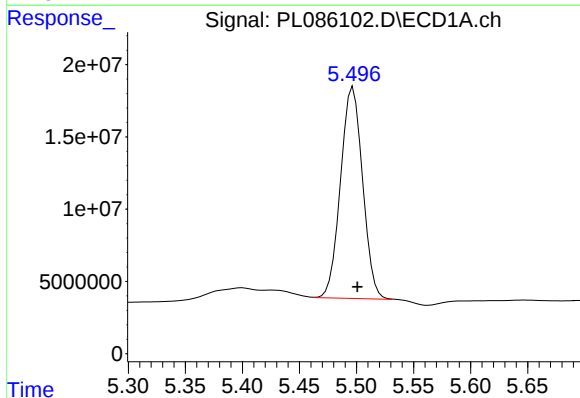
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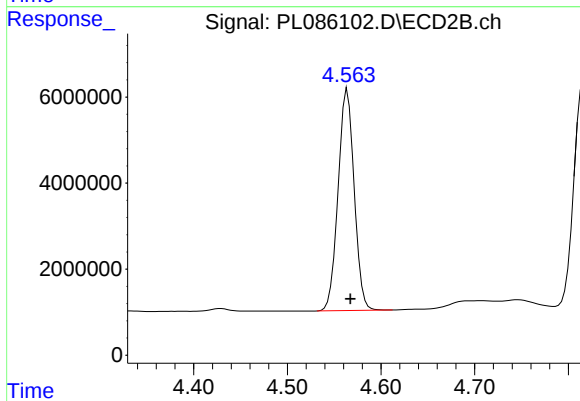
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 66214940
Conc: 57.63 ng/ml



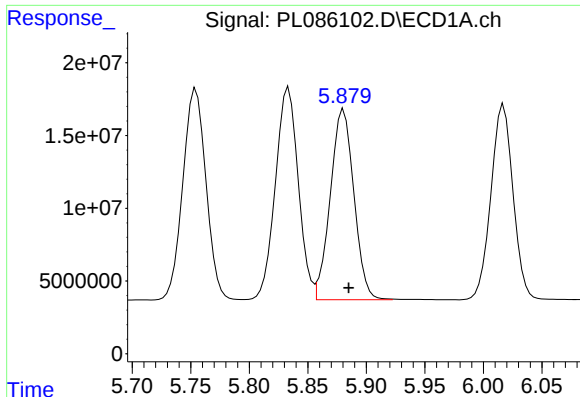
#8 Heptachlor epoxide

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 196811699
Conc: 57.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 61458920
Conc: 61.19 ng/ml



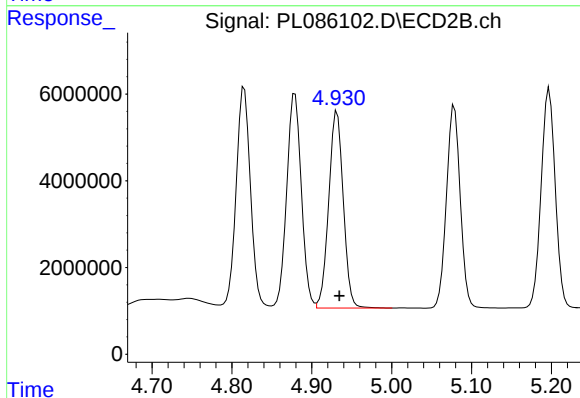
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 182607591
Conc: 56.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

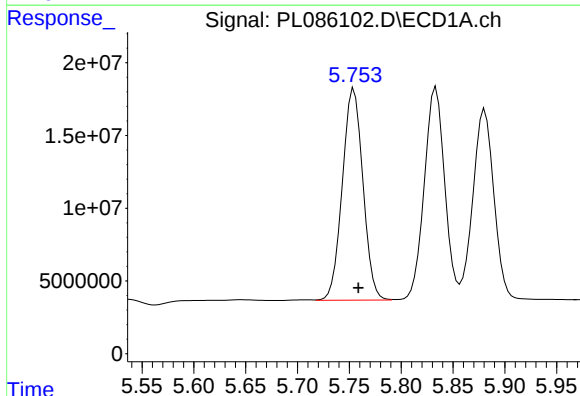
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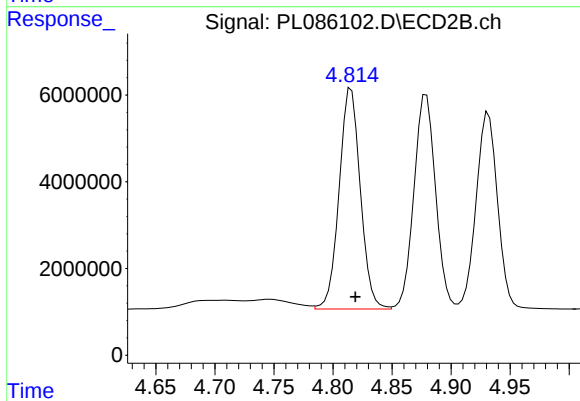
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 57525485
Conc: 53.62 ng/ml



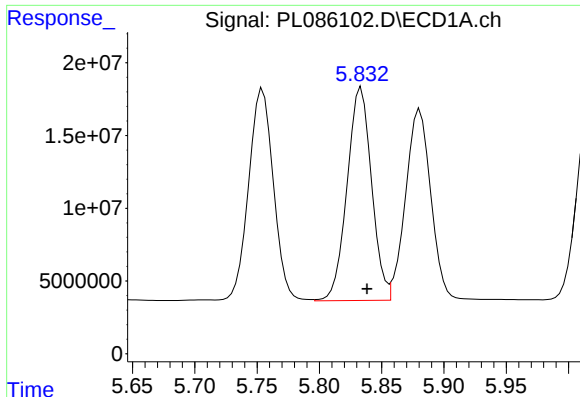
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 201230794
Conc: 58.81 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 63639037
Conc: 64.26 ng/ml



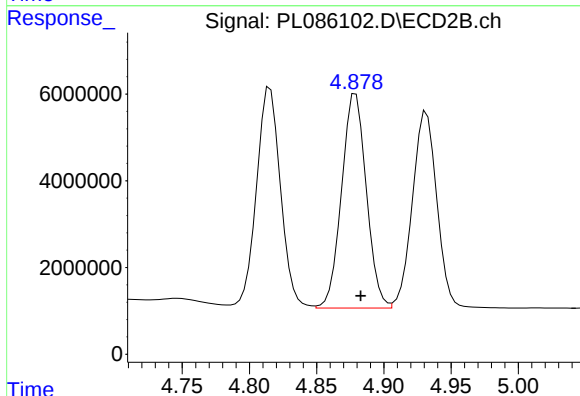
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: -0.006 min
Response: 202845307
Conc: 59.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

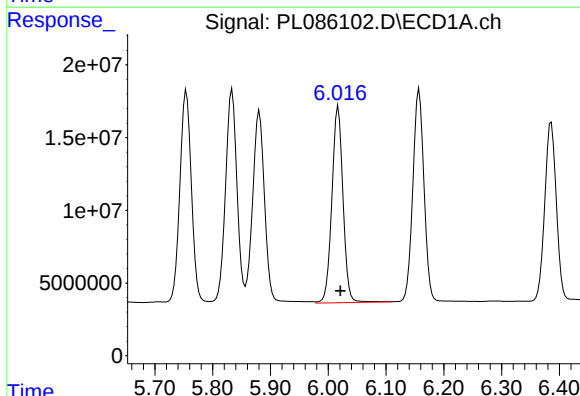
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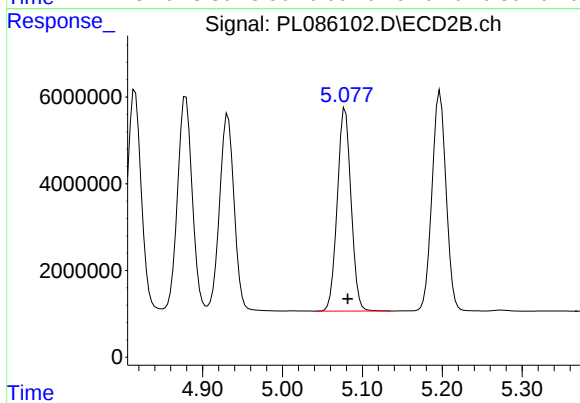
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 63249793
Conc: 57.99 ng/ml



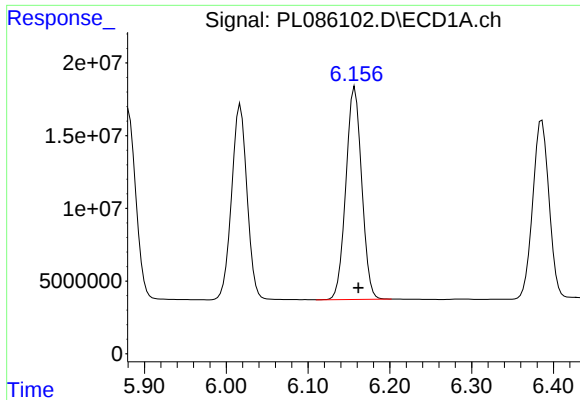
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 181203372
Conc: 64.80 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 55996962
Conc: 68.19 ng/ml



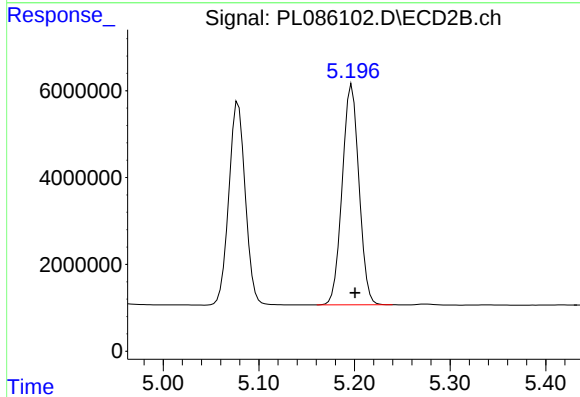
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 195621094
Conc: 59.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
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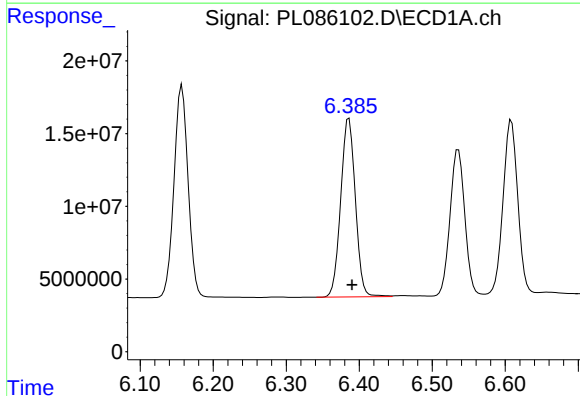
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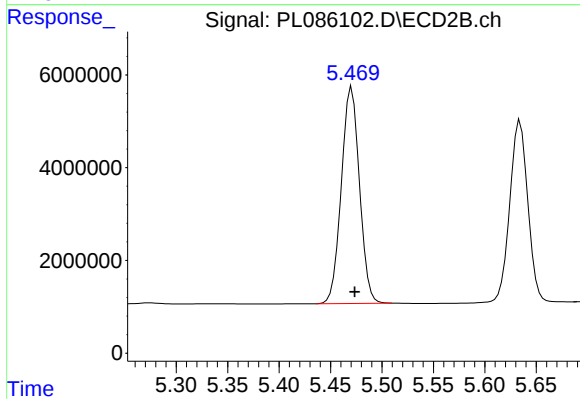
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 62042580
Conc: 63.95 ng/ml



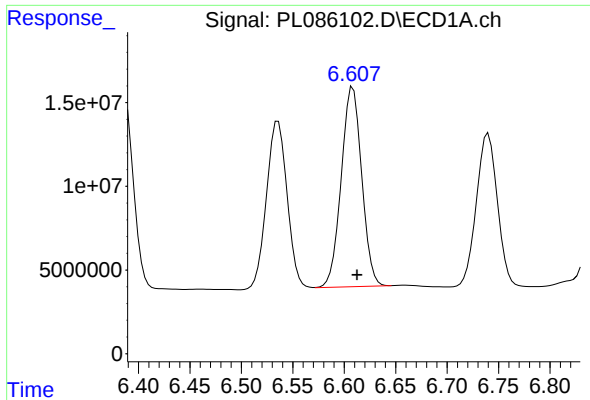
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 171098743
Conc: 60.04 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 57269191
Conc: 63.70 ng/ml



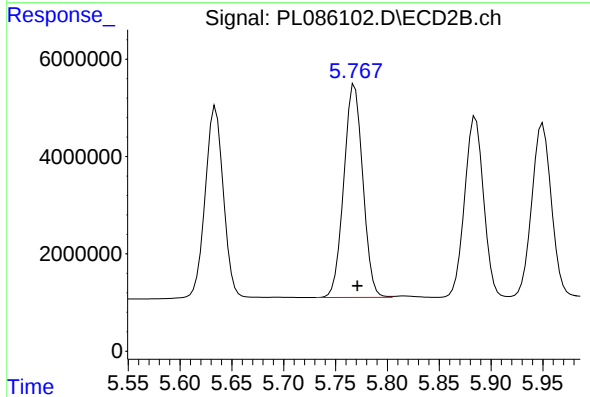
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 165338991
Conc: 60.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

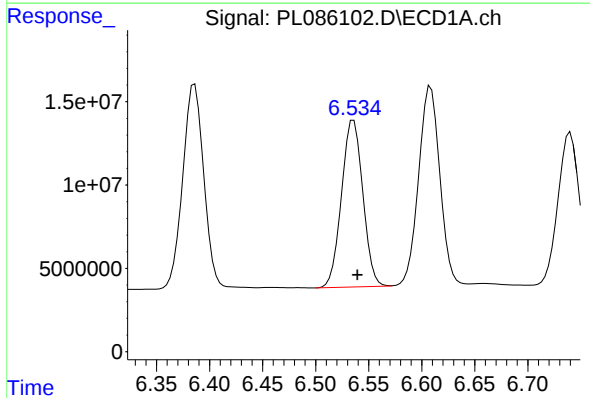
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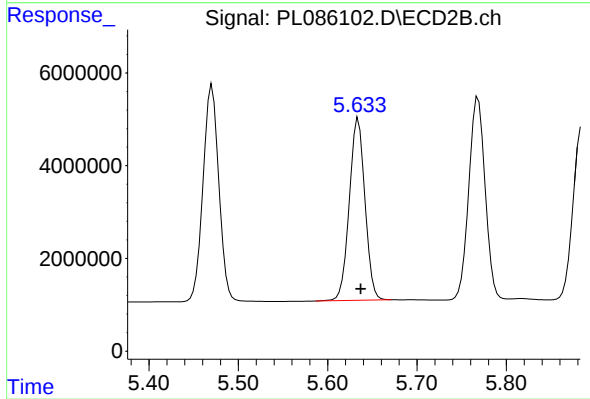
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 55798392
Conc: 58.68 ng/ml



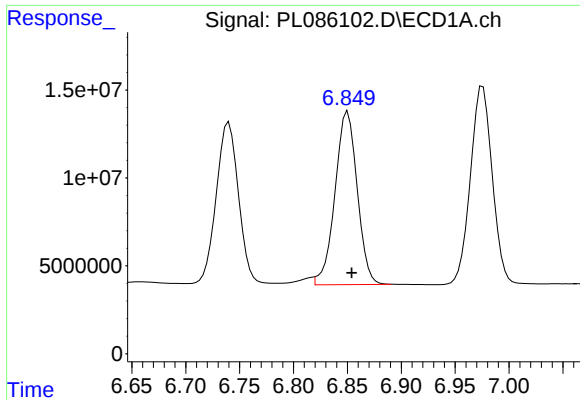
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 139763802
Conc: 69.37 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 47877373
Conc: 68.78 ng/ml



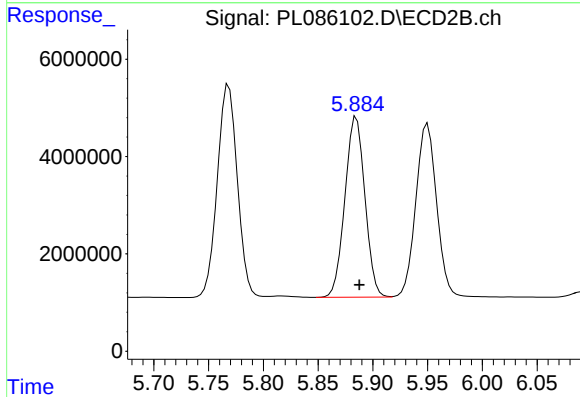
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 141107699
Conc: 59.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

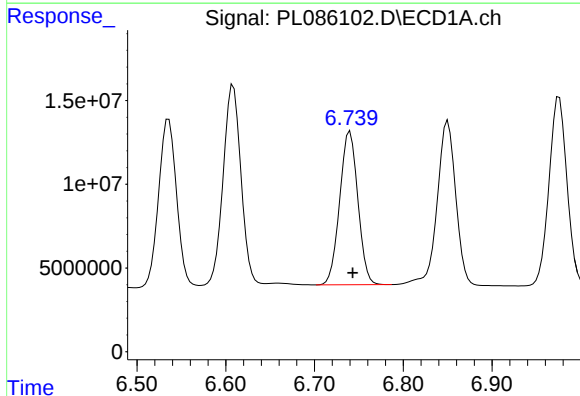
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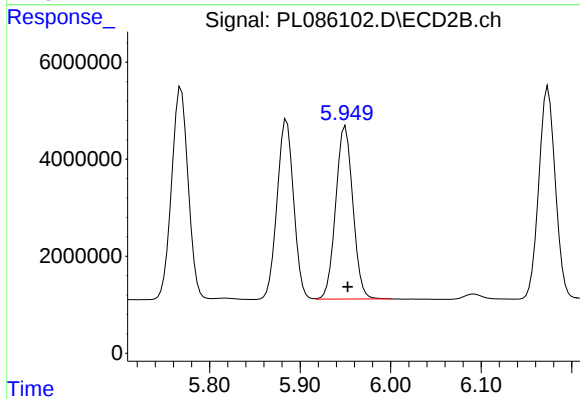
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 47090993
Conc: 59.55 ng/ml



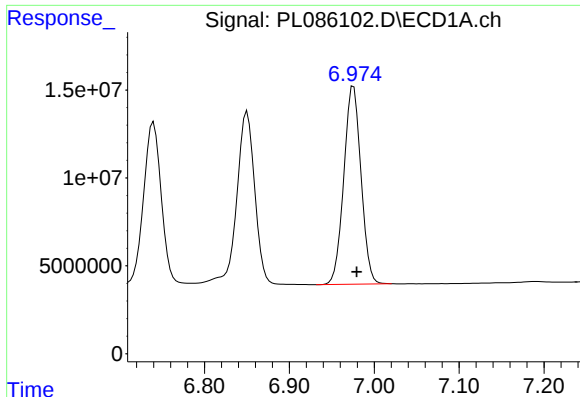
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 130553635
Conc: 64.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 46989017
Conc: 63.01 ng/ml



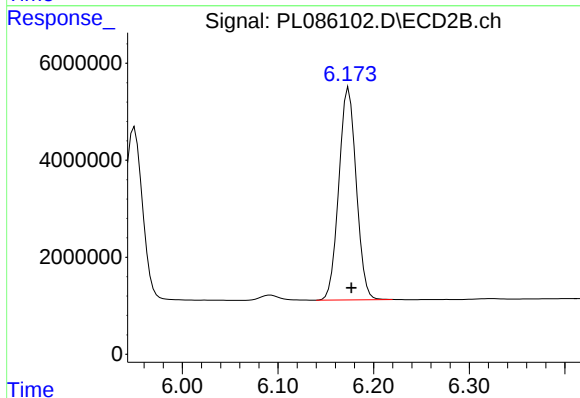
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 158302872
Conc: 63.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

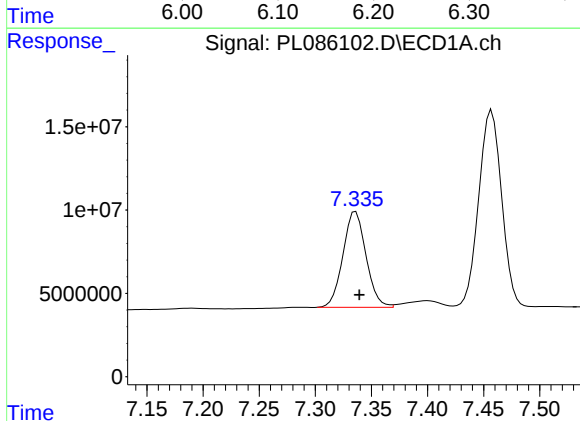
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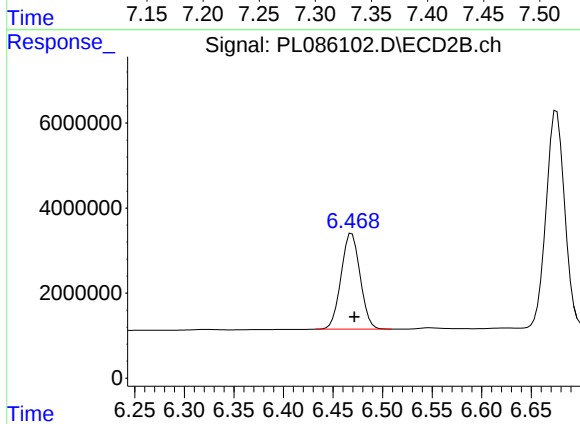
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 55402307
Conc: 61.41 ng/ml



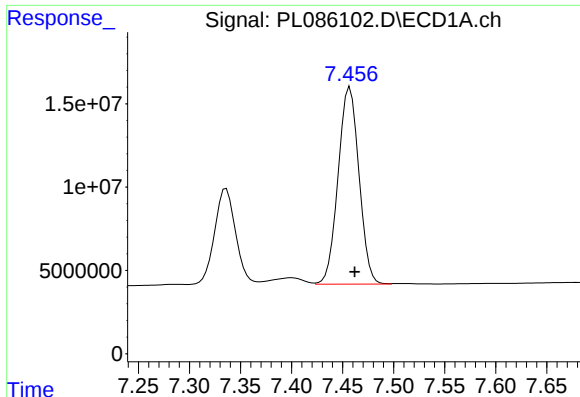
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 82283945
Conc: 58.92 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 30126310
Conc: 57.27 ng/ml



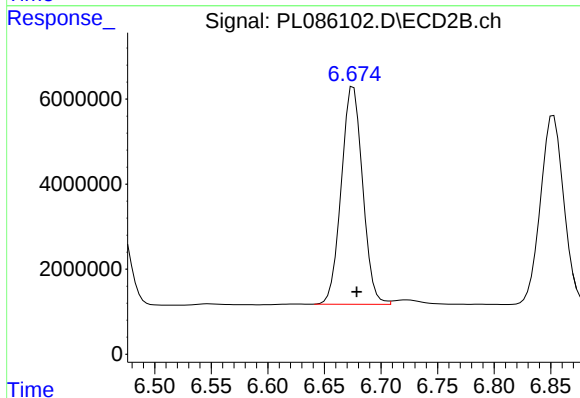
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 168458827
Conc: 58.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

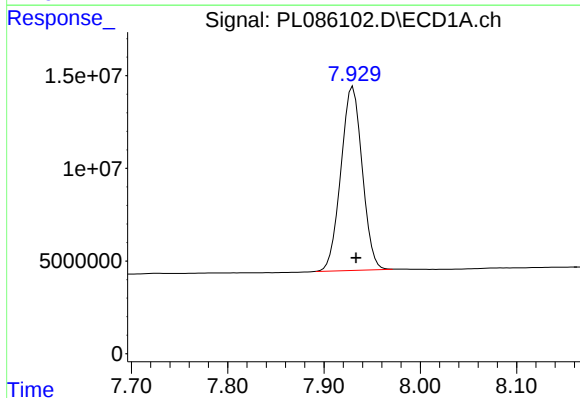
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023



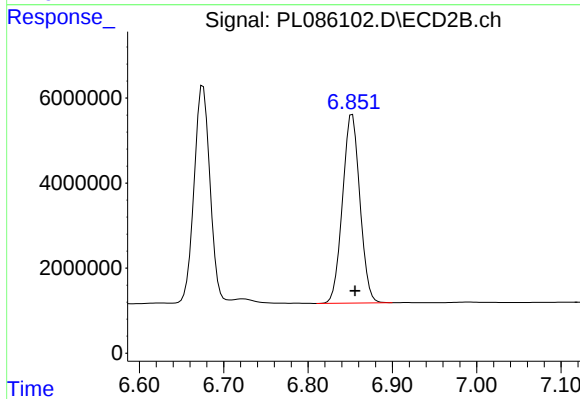
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 67131261
Conc: 58.40 ng/ml



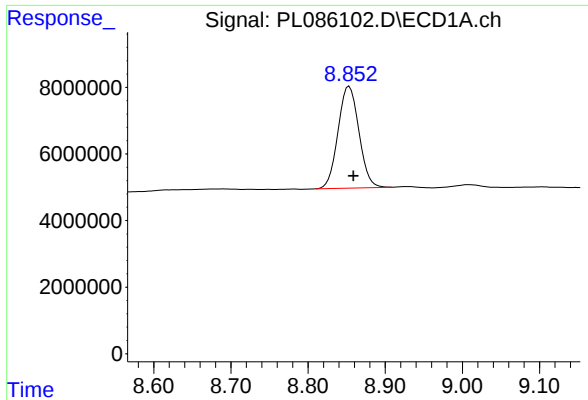
#22 Mirex

R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 152209770
Conc: 68.75 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 63517872
Conc: 67.34 ng/ml



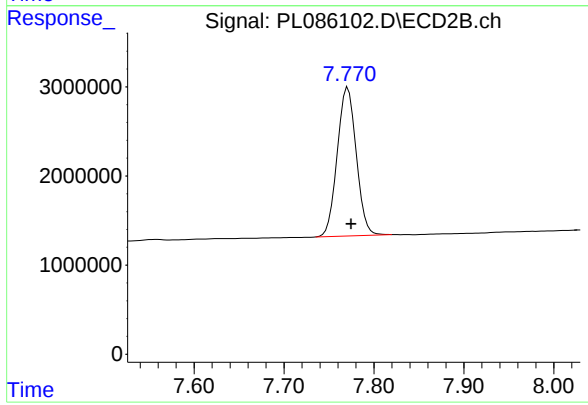
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.005 min
Response: 57660334
Conc: 26.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-426-COMP-01MS

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#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 24546551
Conc: 26.59 ng/ml