

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 10:11
 Operator : AR\AJ
 Sample : 04976-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

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 11:04:50 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	61566227	18452273	20.700m	19.754
28)	SA Decachlor...	8.853	7.771	56748944	24233244	26.055	26.255
Target Compounds							
2)	A alpha-BHC	3.809	3.120	240.5E6	67814631	56.033	53.901
3)	MA gamma-BHC...	4.140	3.446	230.4E6	67449893	55.730	54.689m
4)	MA Heptachlor	4.727	3.783	221.1E6	63774242	57.173	54.833
5)	MB Aldrin	5.067	4.060	221.4E6	65088340	57.109	58.205
6)	B beta-BHC	4.343	3.749	92823126	29354714	56.133	56.388
7)	B delta-BHC	4.586	3.974	230.5E6	66590827	60.116	57.957
8)	B Heptachlo...	5.495	4.564	194.4E6	61568205	56.364m	61.298
9)	A Endosulfan I	5.879	4.931	181.2E6	57664566	56.017m	53.754
10)	B gamma-Chl...	5.752	4.815	199.2E6	63850691	58.224m	64.471
11)	B alpha-Chl...	5.832	4.879	196.7E6	63552954	57.559m	58.266
12)	B 4,4'-DDE	6.017	5.078	180.9E6	56157013	64.692	68.389
13)	MA Dieldrin	6.157	5.197	193.6E6	62301725	58.913	64.214
14)	MA Endrin	6.386	5.471	169.5E6	57212197	59.495	63.639
15)	B Endosulfa...	6.609	5.769	164.7E6	56245036	59.758	59.147
16)	A 4,4'-DDD	6.536	5.634	139.1E6	48128537	69.041	69.146
17)	MA 4,4'-DDT	6.849	5.885	139.1E6	46814465	59.010m	59.202
18)	B Endrin al...	6.740	5.950	129.2E6	47209757	63.755	63.309
19)	B Endosulfa...	6.976	6.174	156.7E6	55710684	62.456	61.756
20)	A Methoxychlor	7.336	6.469	80061754	29858520	57.325	56.757
21)	B Endrin ke...	7.457	6.675	169.0E6	67315887	58.683	58.565
22)	Mirex	7.929	6.852	149.3E6	63380905	67.454	67.200

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 10:11
 Operator : AR\AJ
 Sample : 04976-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

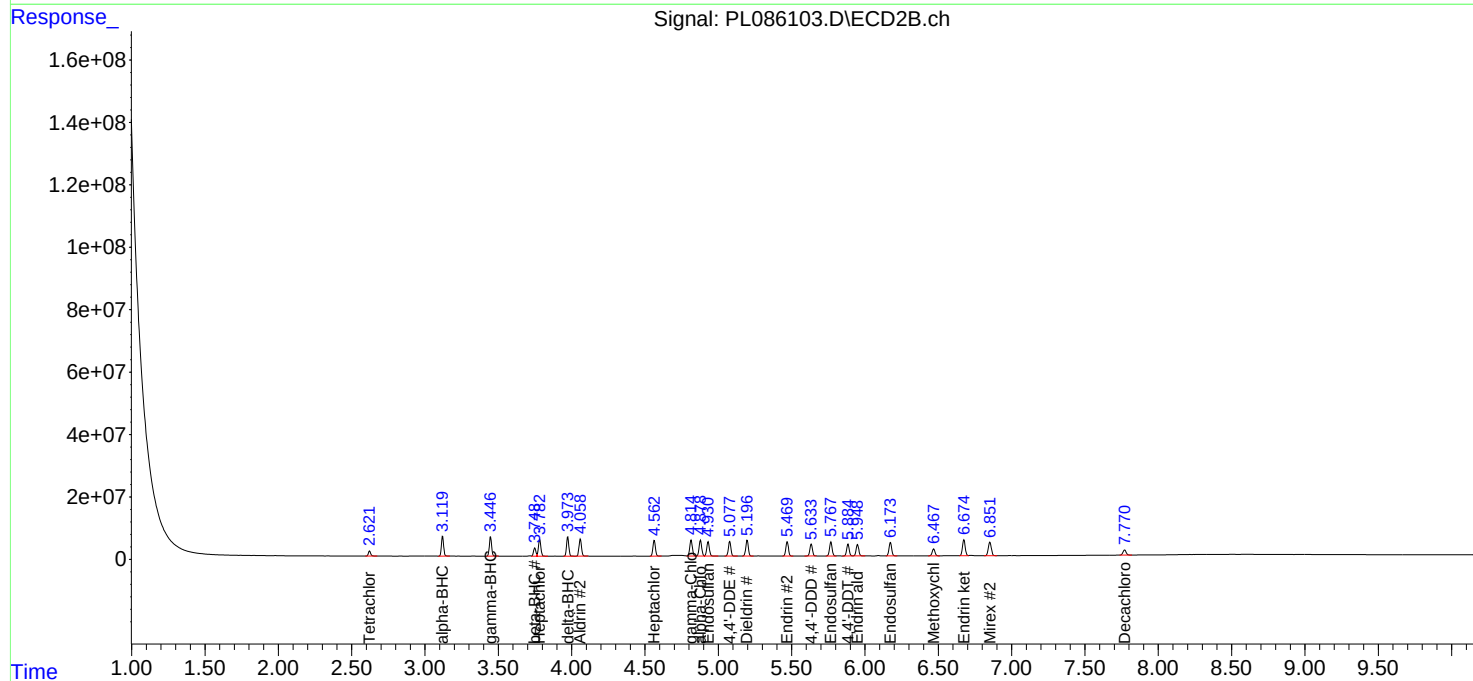
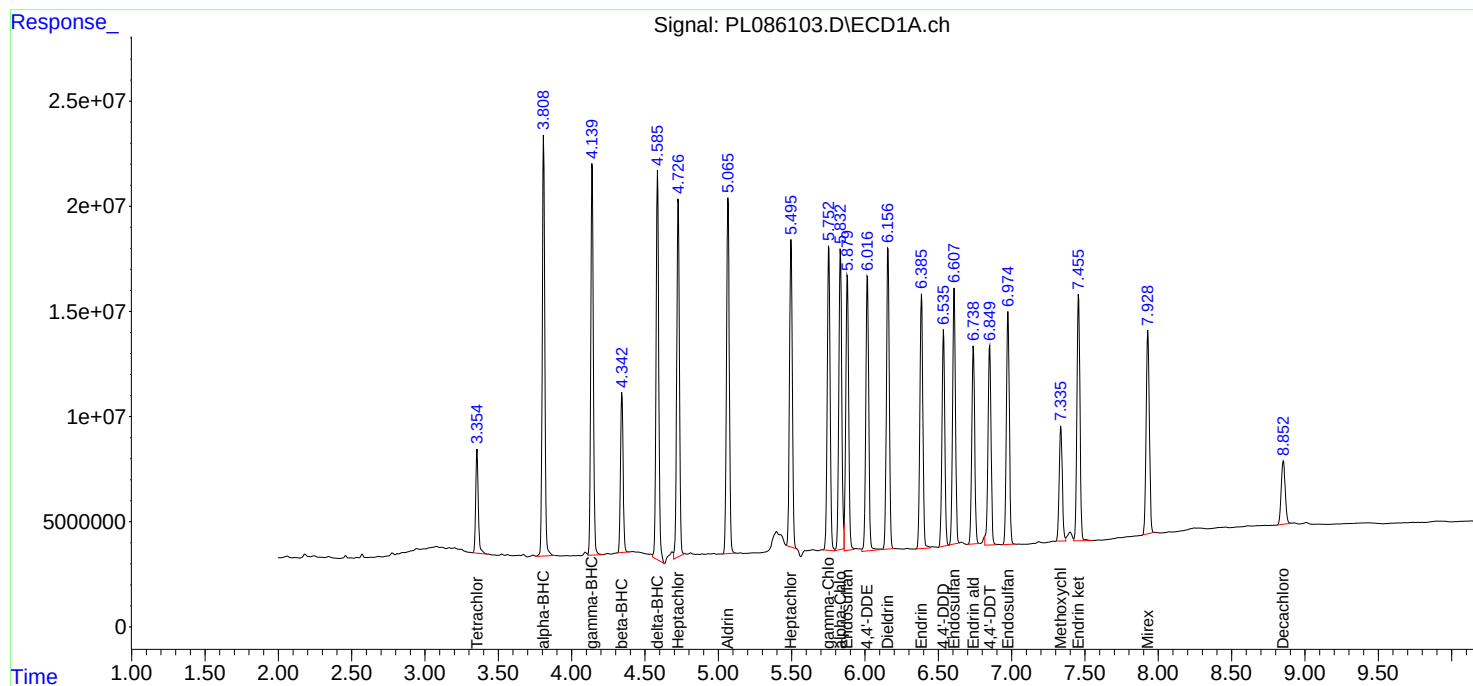
Instrument :
 ECD_L
 ClientSampleId :
 NB-426-COMP-01MSD

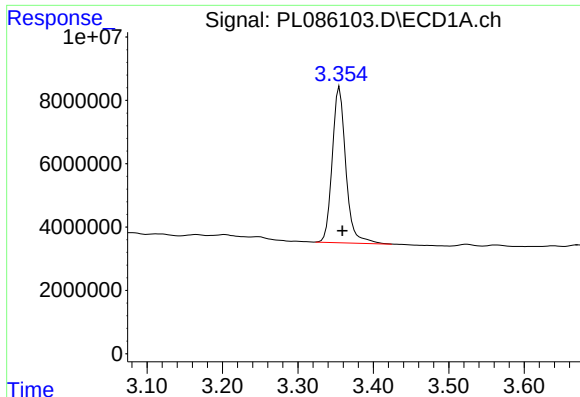
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:04:50 2023
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 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





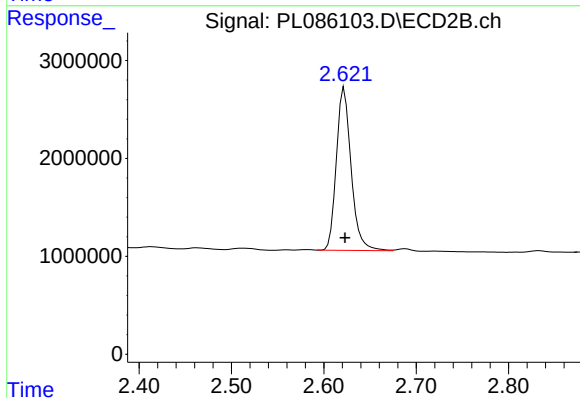
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: -0.005 min
Response: 61566227
Conc: 20.70 ng/ml

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

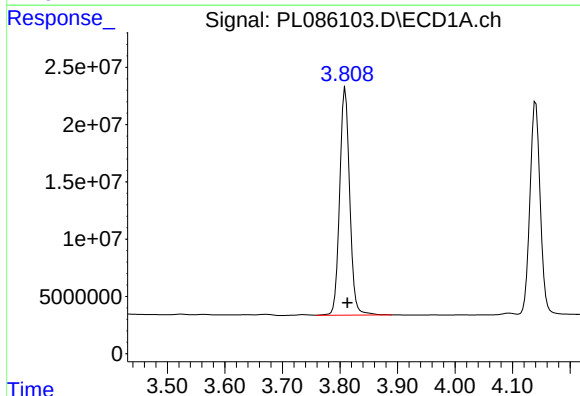
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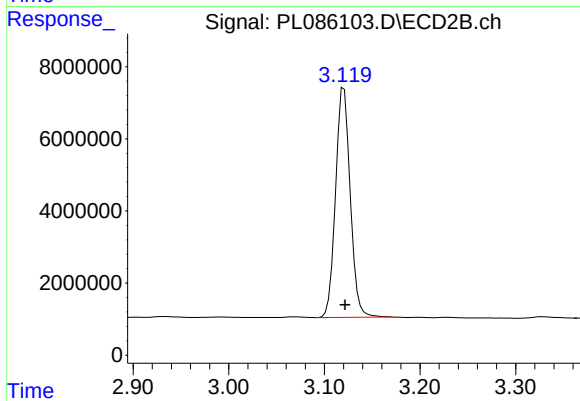
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 18452273
Conc: 19.75 ng/ml



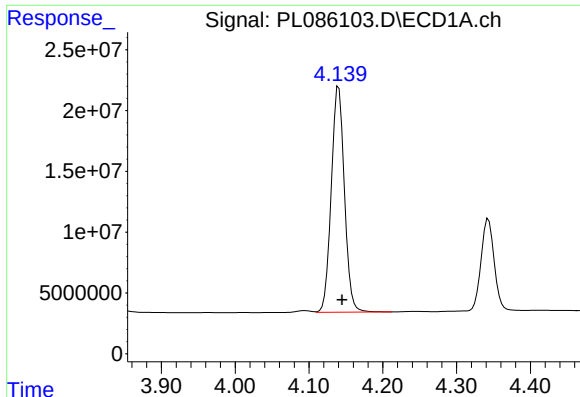
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 240490374
Conc: 56.03 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 67814631
Conc: 53.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 230351621
Conc: 55.73 ng/ml

Instrument :

ECD_L

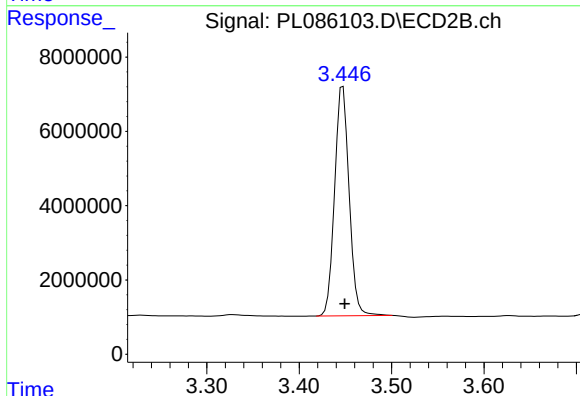
ClientSampleId :

NB-426-COMP-01MSD

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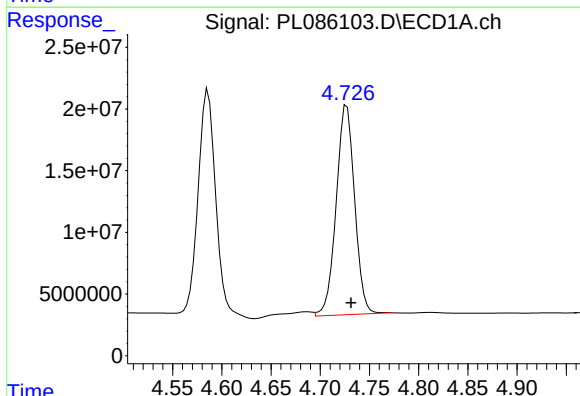
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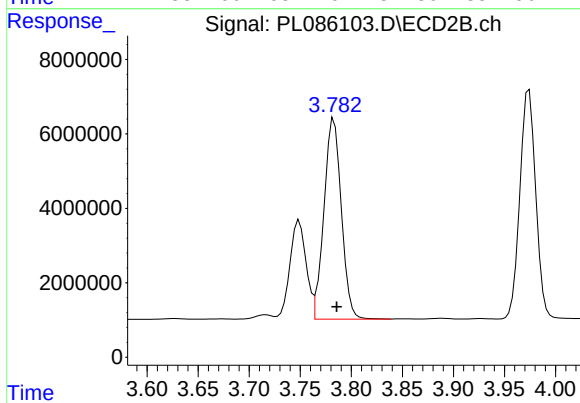
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 67449893
Conc: 54.69 ng/ml m



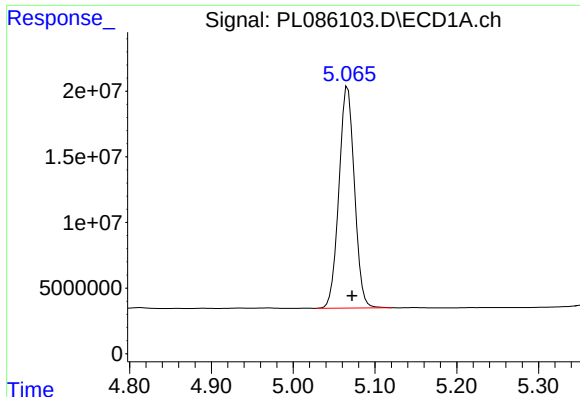
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 221124852
Conc: 57.17 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 63774242
Conc: 54.83 ng/ml



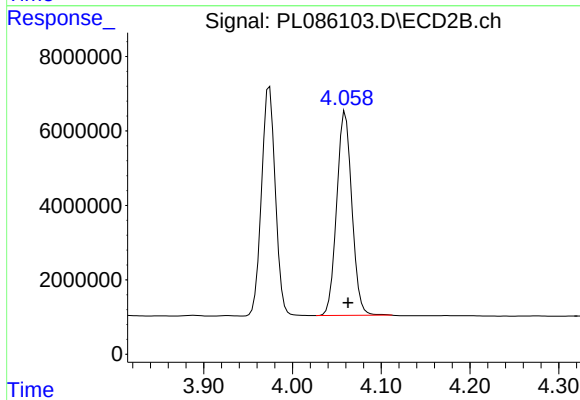
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 221375089
Conc: 57.11 ng/ml

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

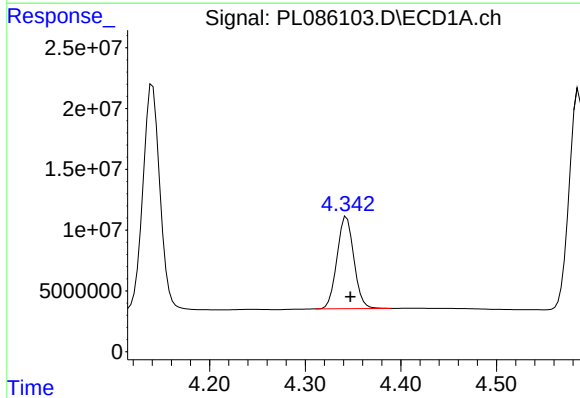
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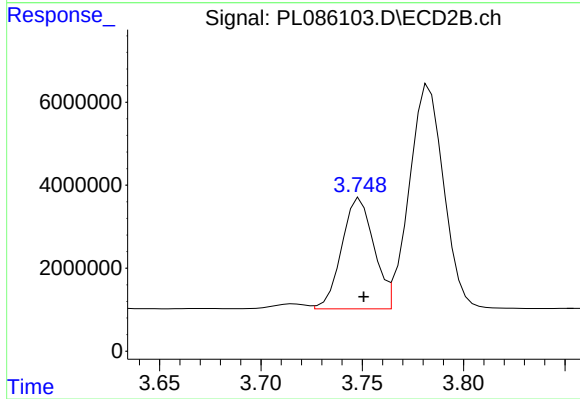
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 65088340
Conc: 58.20 ng/ml



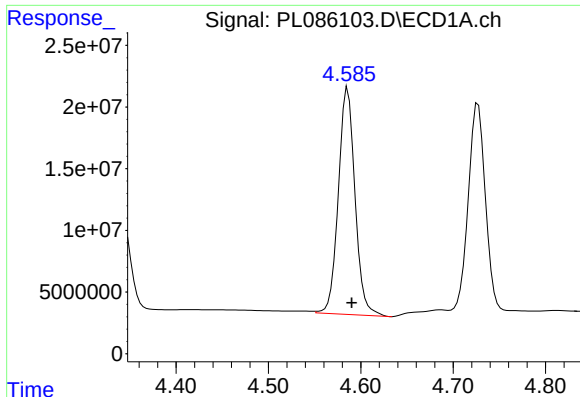
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 92823126
Conc: 56.13 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 29354714
Conc: 56.39 ng/ml



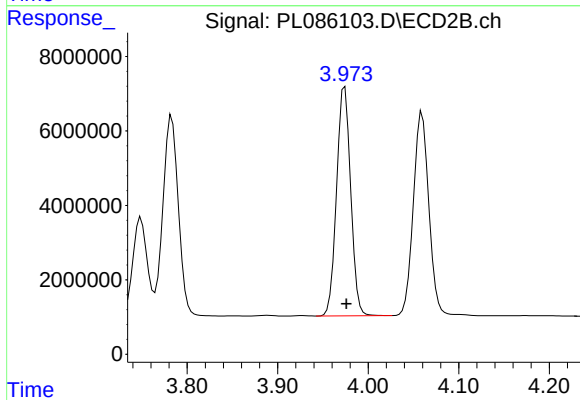
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 230510070
Conc: 60.12 ng/ml

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

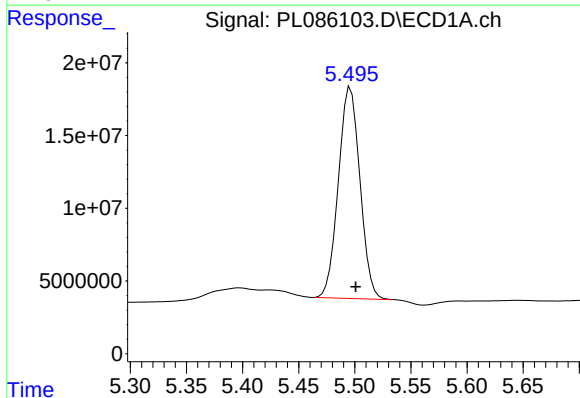
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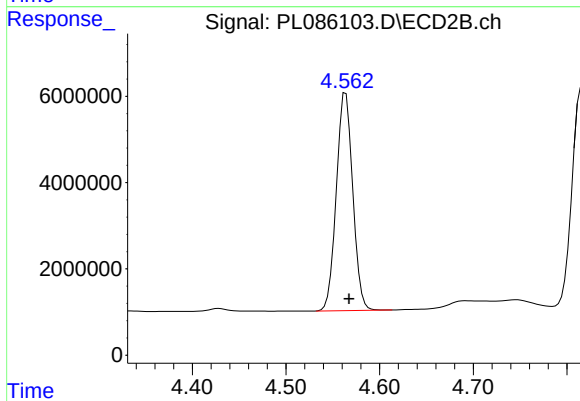
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 66590827
Conc: 57.96 ng/ml



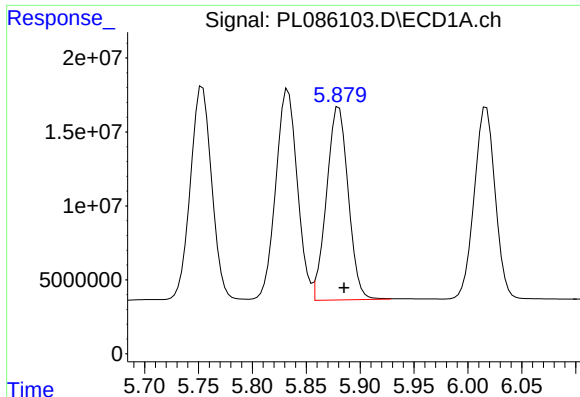
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: -0.006 min
Response: 194446438
Conc: 56.36 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 61568205
Conc: 61.30 ng/ml



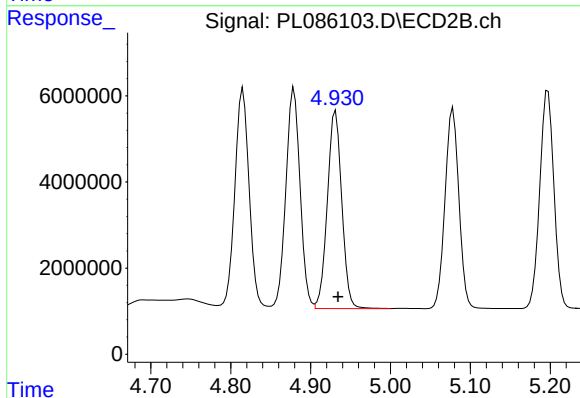
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 181160888
Conc: 56.02 ng/ml

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

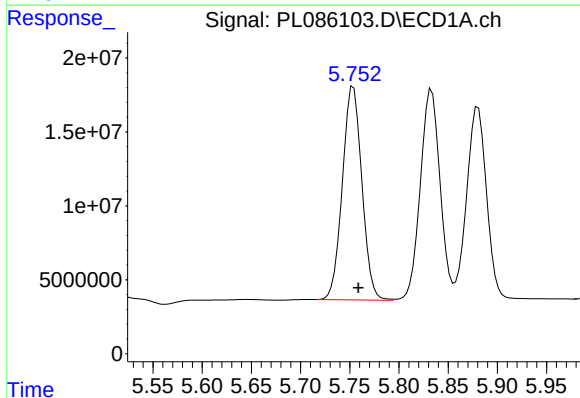
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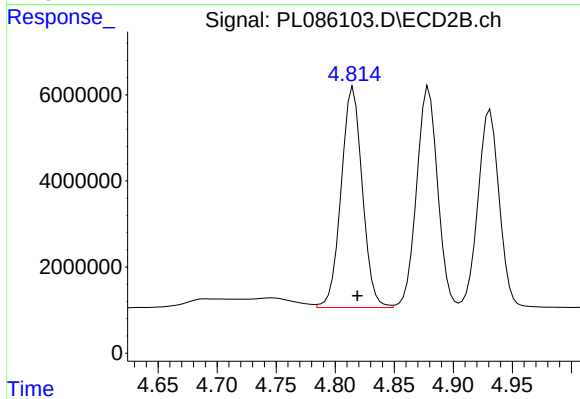
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 57664566
Conc: 53.75 ng/ml



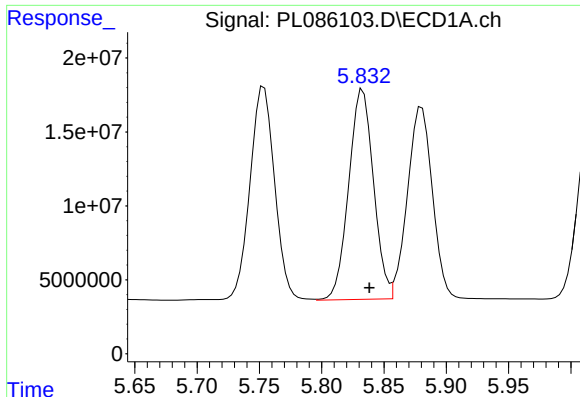
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 199209125
Conc: 58.22 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 63850691
Conc: 64.47 ng/ml



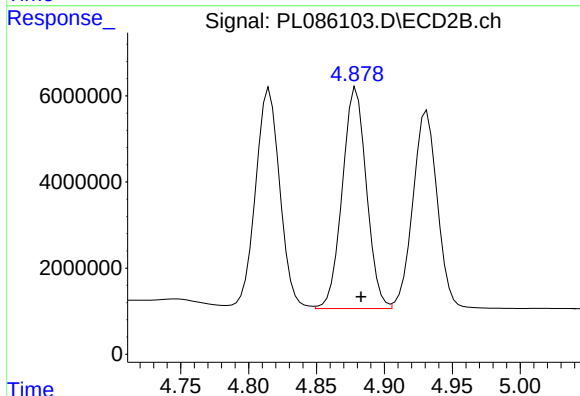
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 196715566
Conc: 57.56 ng/ml

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

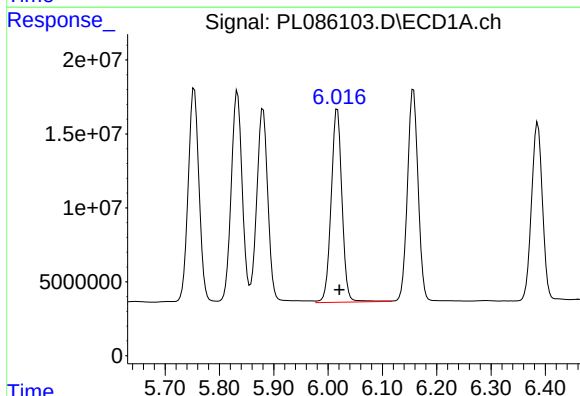
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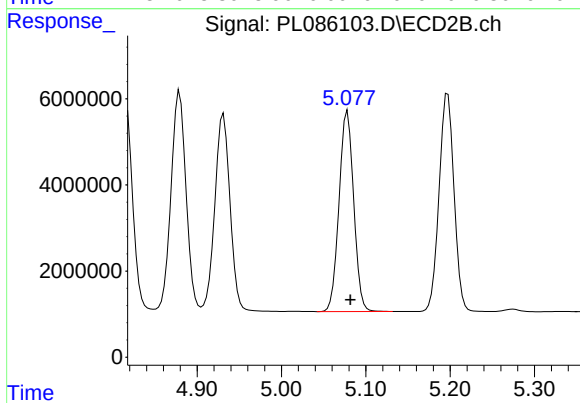
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 63552954
Conc: 58.27 ng/ml



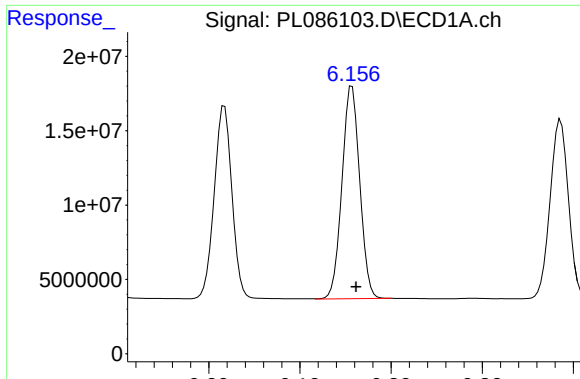
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 180913609
Conc: 64.69 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 56157013
Conc: 68.39 ng/ml



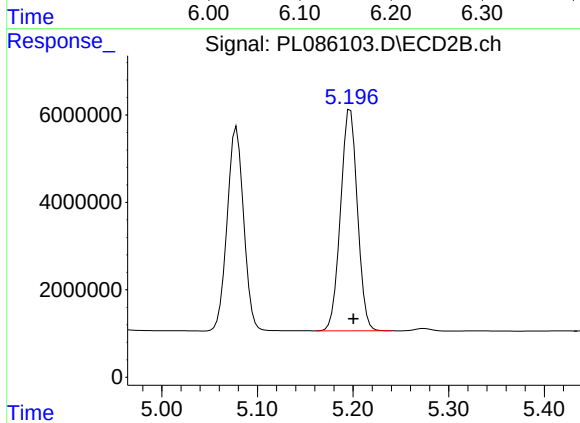
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 193588675
Conc: 58.91 ng/ml

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

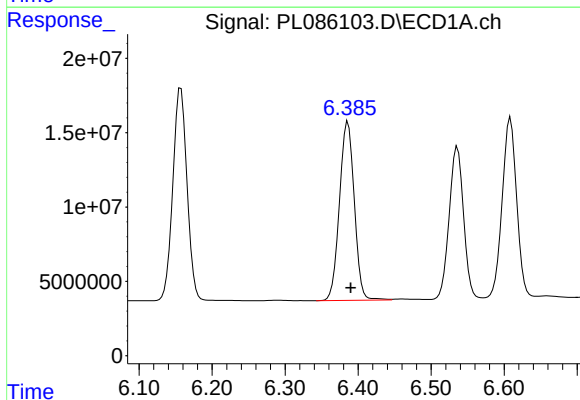
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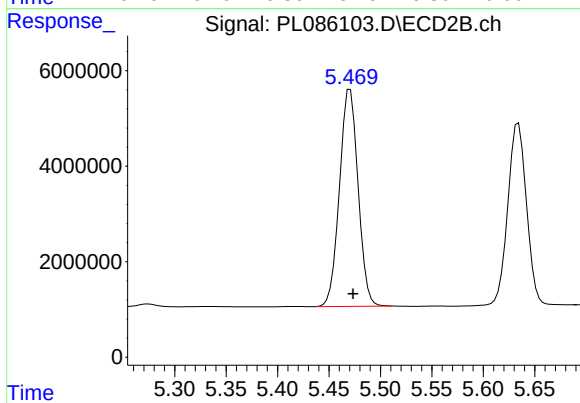
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 62301725
Conc: 64.21 ng/ml



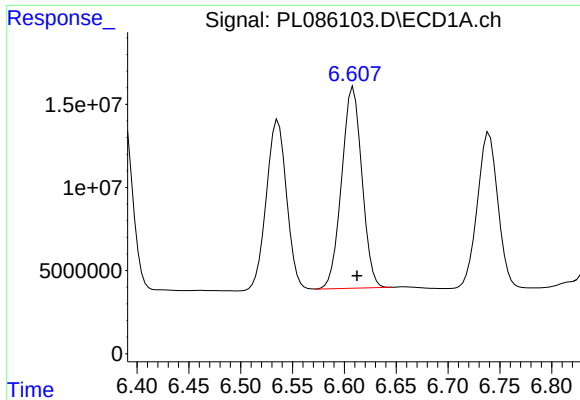
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 169545405
Conc: 59.49 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 57212197
Conc: 63.64 ng/ml



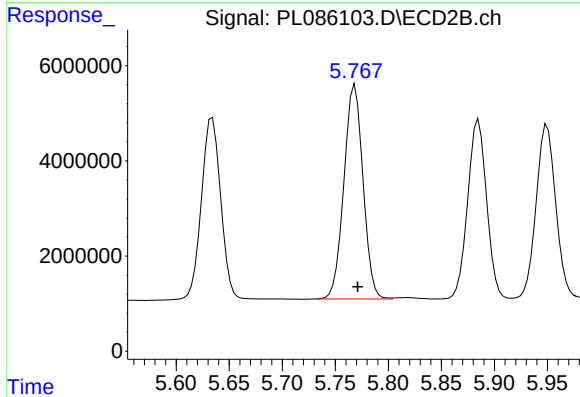
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 164663576
Conc: 59.76 ng/ml

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

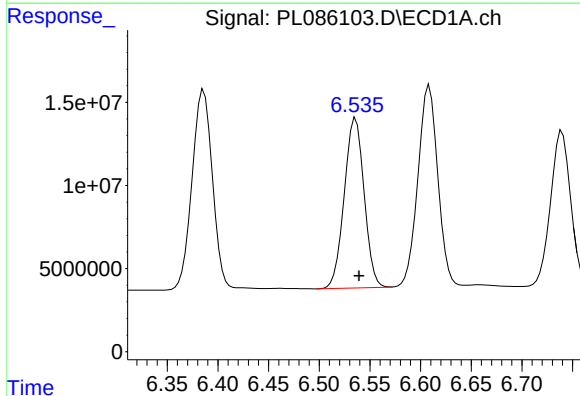
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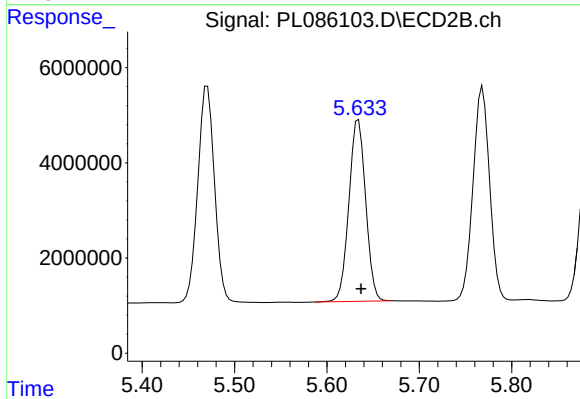
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 56245036
Conc: 59.15 ng/ml



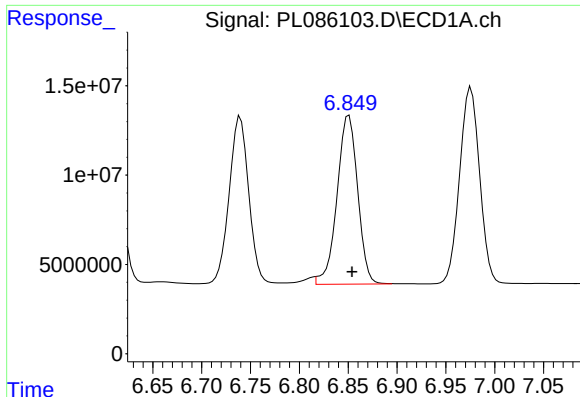
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 139093391
Conc: 69.04 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 48128537
Conc: 69.15 ng/ml



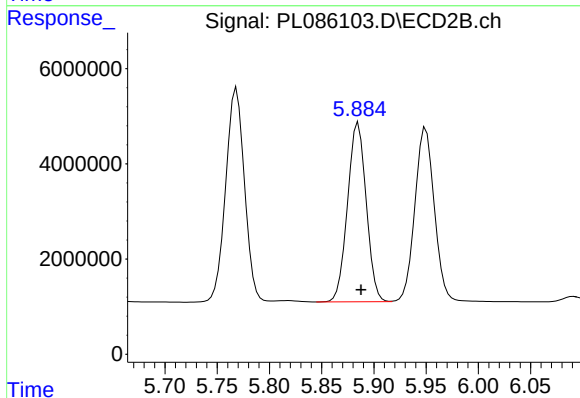
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 139091829
Conc: 59.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
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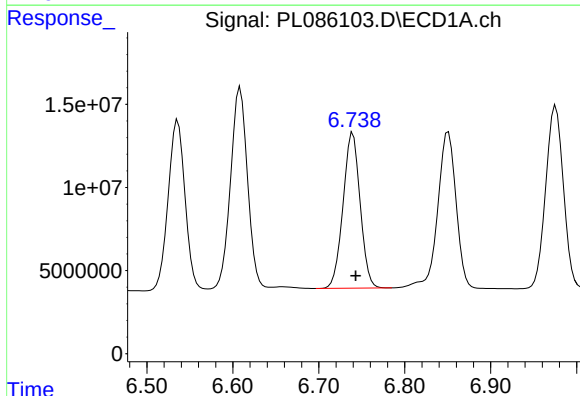
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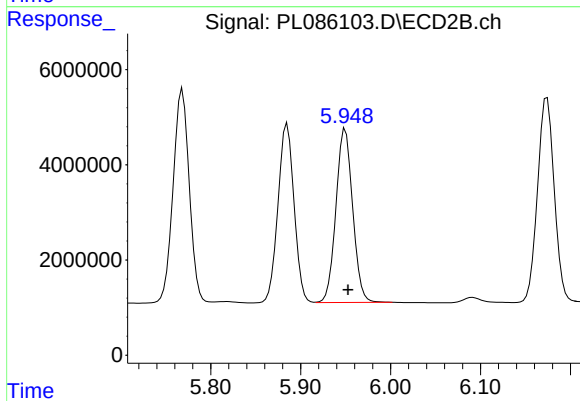
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 46814465
Conc: 59.20 ng/ml



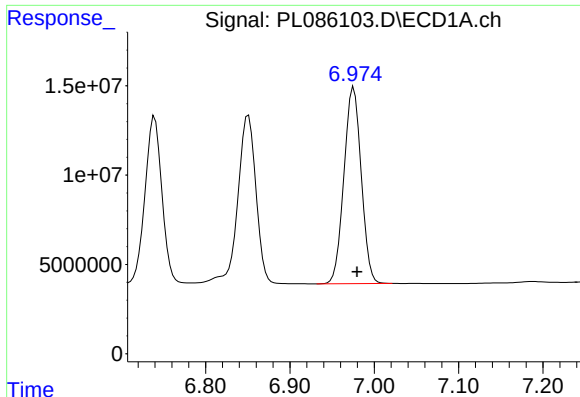
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 129216150
Conc: 63.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 47209757
Conc: 63.31 ng/ml



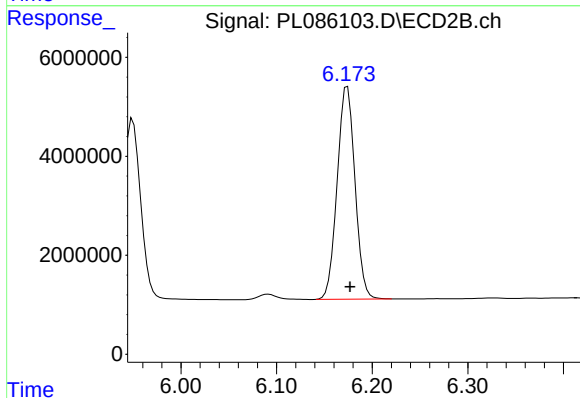
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 156748093
Conc: 62.46 ng/ml

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

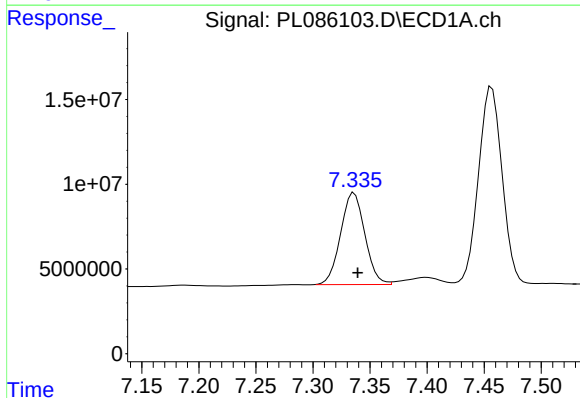
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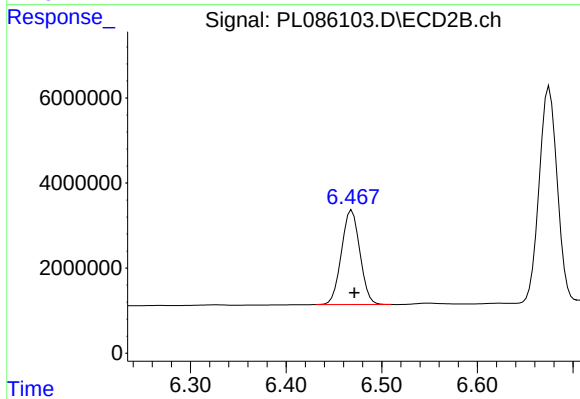
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 55710684
Conc: 61.76 ng/ml



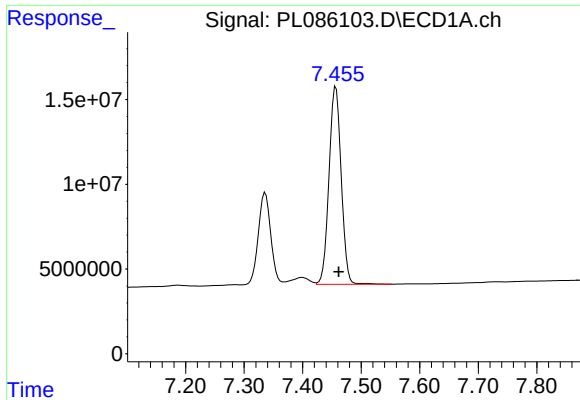
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 80061754
Conc: 57.33 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 29858520
Conc: 56.76 ng/ml



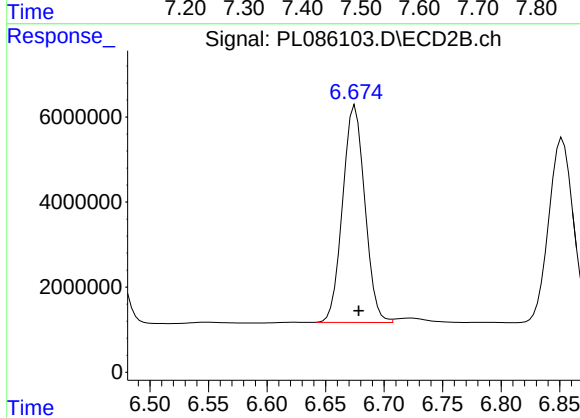
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 169021952
Conc: 58.68 ng/ml

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

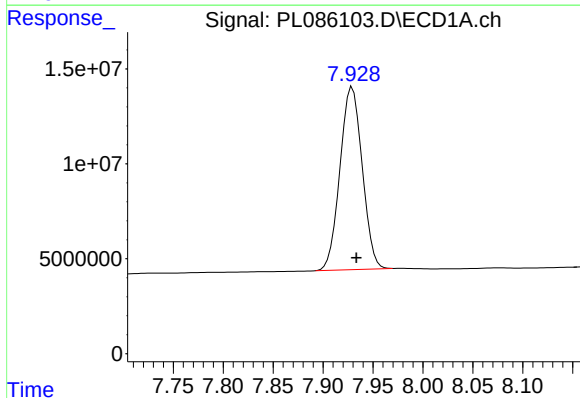
Manual Integrations
APPROVED

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



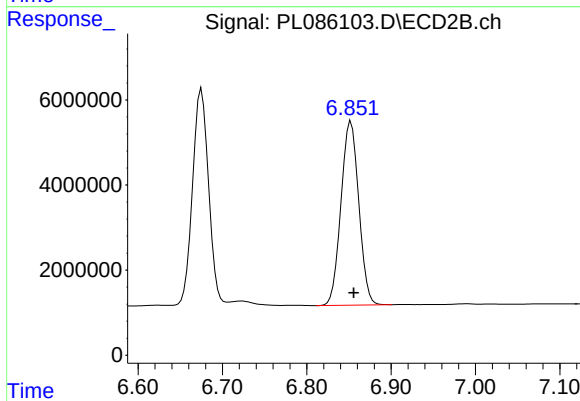
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 67315887
Conc: 58.57 ng/ml



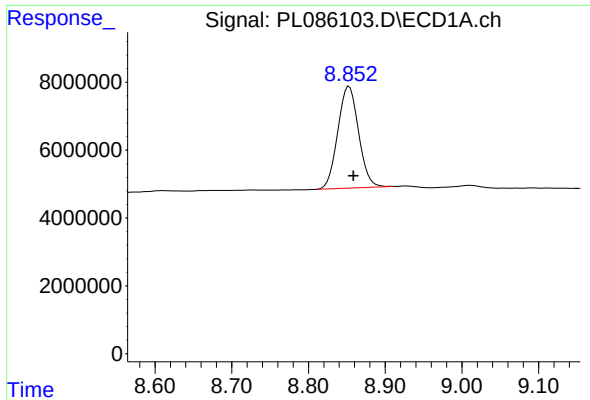
#22 Mirex

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 149343135
Conc: 67.45 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 63380905
Conc: 67.20 ng/ml



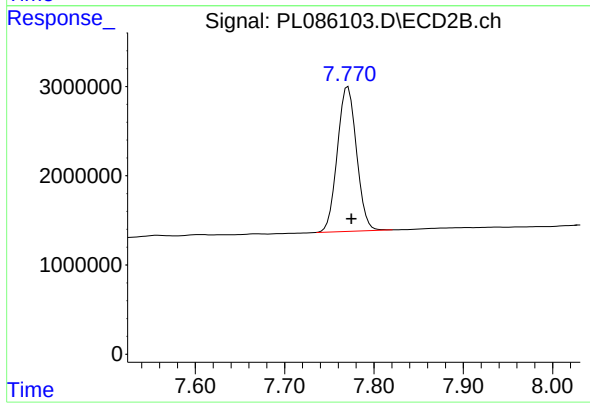
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.006 min
Response: 56748944
Conc: 26.05 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 24233244
Conc: 26.26 ng/ml