

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
 Data File : PL086347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 09:45
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 05:21:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:21:32 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...	3.352	2.618	15847159	4666894	4.994	4.902
28)	SA Decachlor...	8.854	7.770	14553419	6447742	5.503	5.621
Target Compounds							
2)	A alpha-BHC	3.806	3.116	21878429	5368700	4.635	4.137
3)	MA gamma-BHC...	4.138	3.444	21054357	5798782	4.621	4.415
4)	MA Heptachlor	4.725	3.780	21142465	6145926	4.851	4.738
5)	MB Aldrin	5.065	4.056	21043446	5703413	4.752	4.476
6)	B beta-BHC	4.342	3.746	11533795	2990604	5.848	5.211
7)	B delta-BHC	4.583	3.971	19240684	5302720	4.414m	4.195
8)	B Heptachlo...	5.494	4.561	18654446	5763500	4.840m	4.821
9)	A Endosulfan I	5.879	4.927	18763189	6413629	5.104	5.393m
10)	B gamma-Chl...	5.753	4.813	20000933	5432585	5.041	4.591
11)	B alpha-Chl...	5.832	4.877	20251452	6368887	5.088	5.098
12)	B 4,4'-DDE	6.016	5.076	15063780	4222293	4.747	4.279
13)	MA Dieldrin	6.156	5.194	18632873	5392086	4.846	4.515
14)	MA Endrin	6.385	5.468	16297189	5046069	4.882	4.579
15)	B Endosulfa...	6.608	5.767	16627802	5139257	5.163	4.768
16)	A 4,4'-DDD	6.534	5.632	11463183	3605644	4.833	4.427
17)	MA 4,4'-DDT	6.849	5.883	12355785	4156525	4.736	4.409
18)	B Endrin al...	6.739	5.948	13079952	4454769	5.374	5.283
19)	B Endosulfa...	6.975	6.173	16280164	5278304	5.272	5.007
20)	A Methoxychlor	7.336	6.468	7179092	3016013	5.176	5.161
21)	B Endrin ke...	7.457	6.674	15783887	5861001	4.946	4.699
22)	Mirex	7.930	6.851	15318350	6501523	5.614	5.683

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 09:45
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

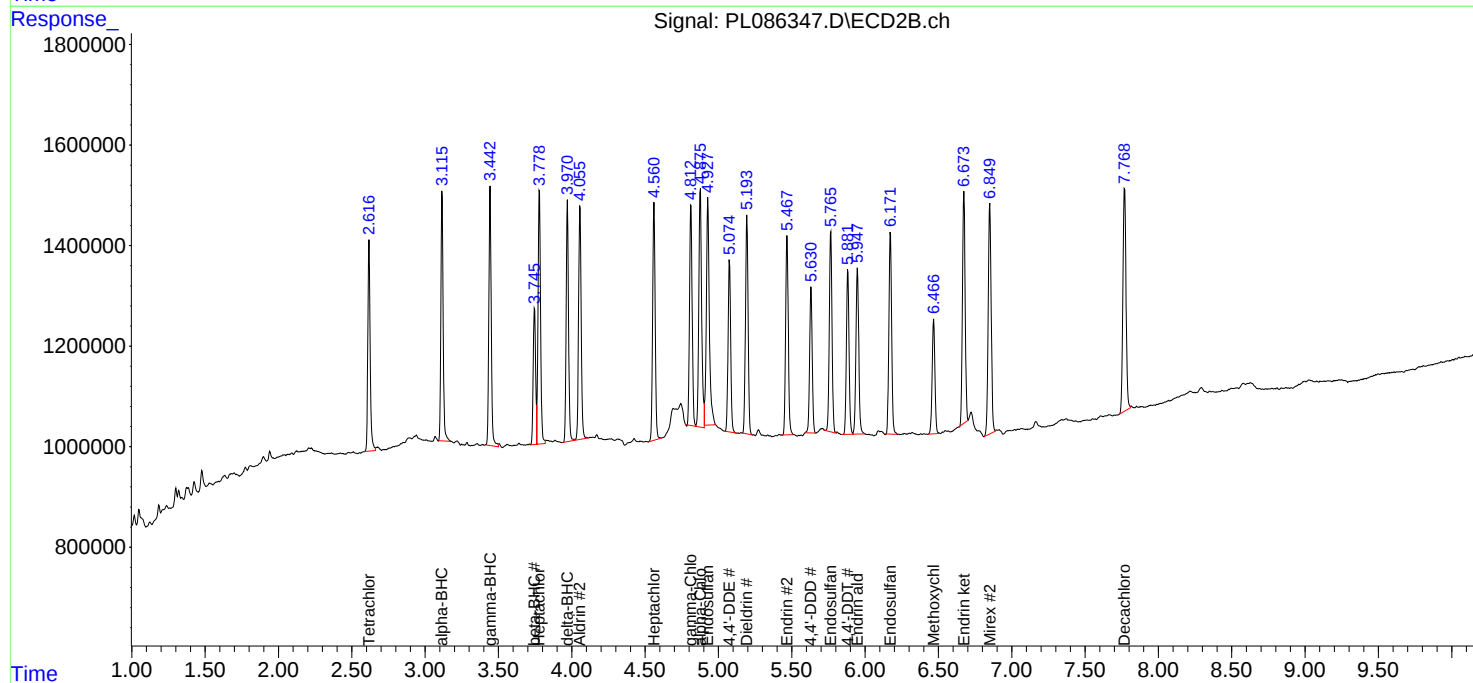
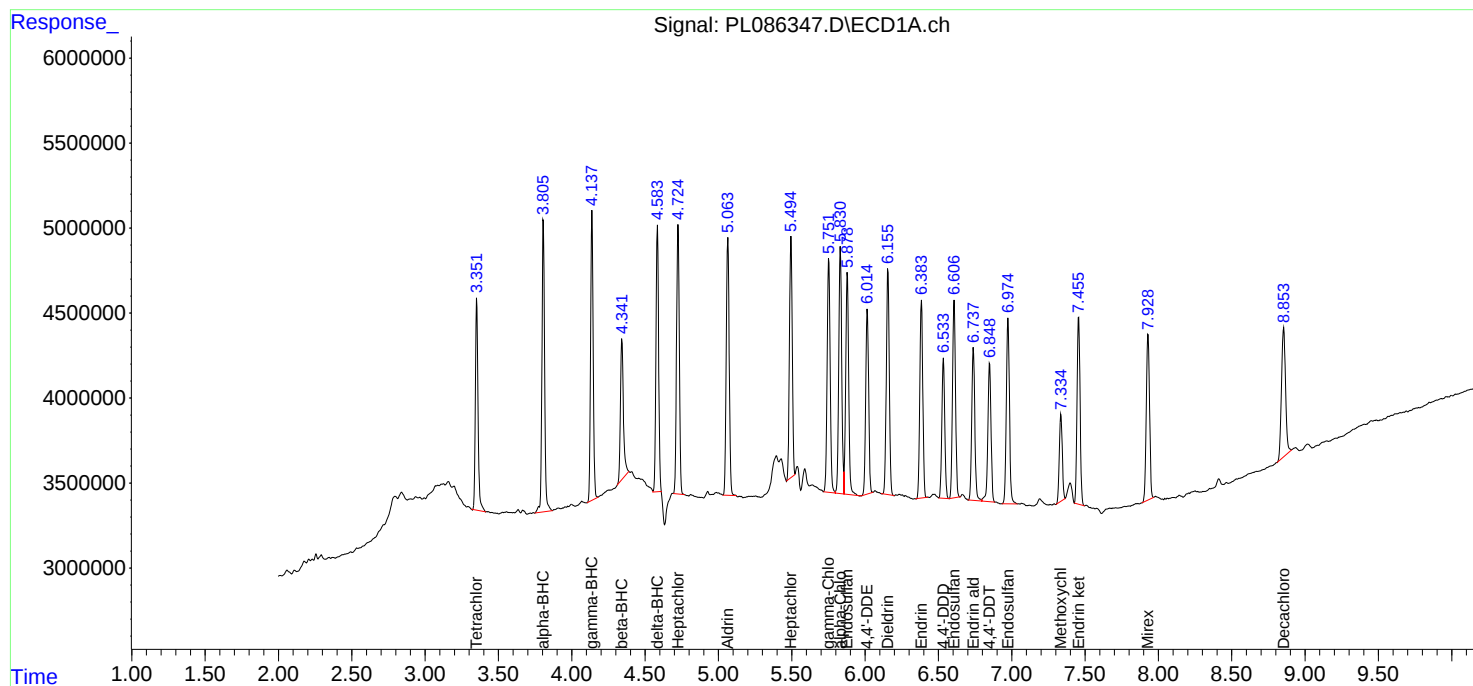
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

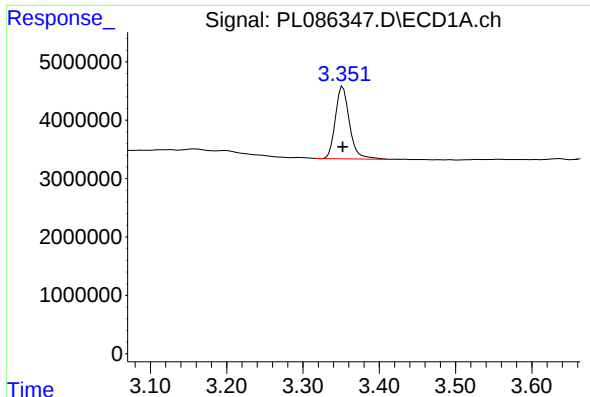
Manual Integrations
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Reviewed By : Abdul Mirza 11/02/2023
Supervised By : mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:21:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:21:32 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





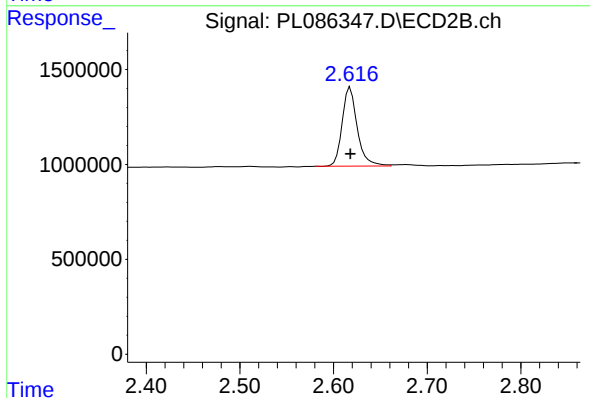
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 15847159
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

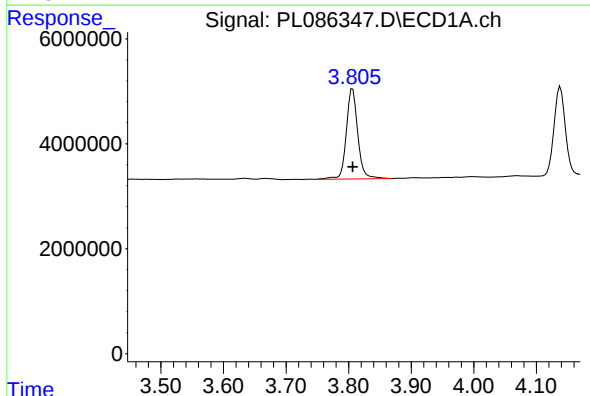
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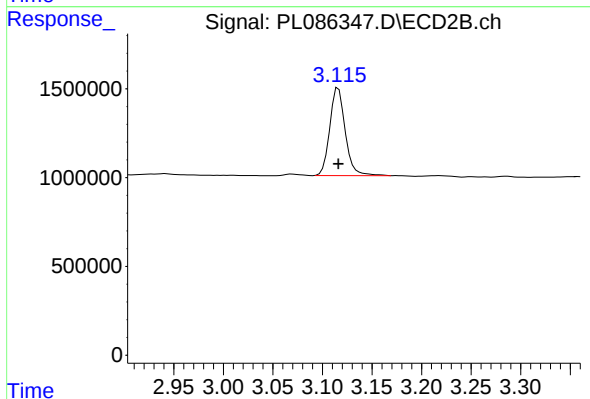
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 4666894
Conc: 4.90 ng/ml



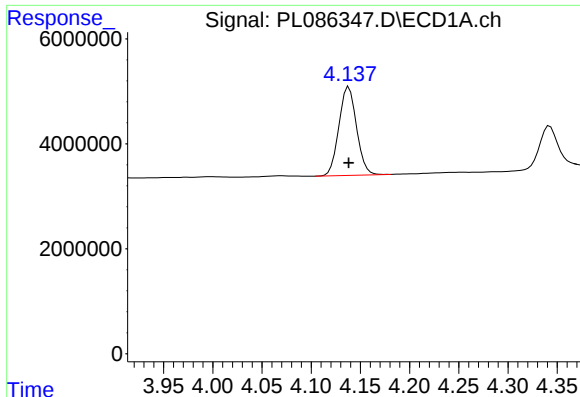
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 21878429
Conc: 4.64 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 5368700
Conc: 4.14 ng/ml



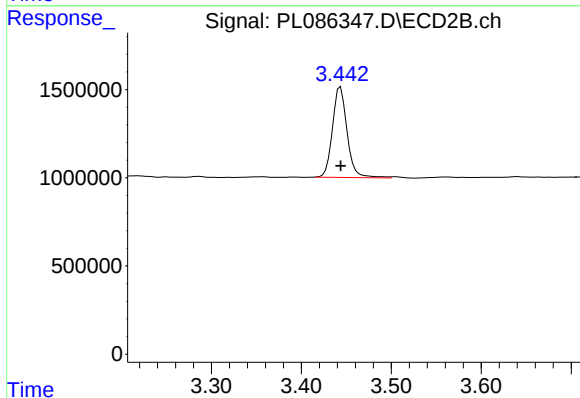
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 21054357
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

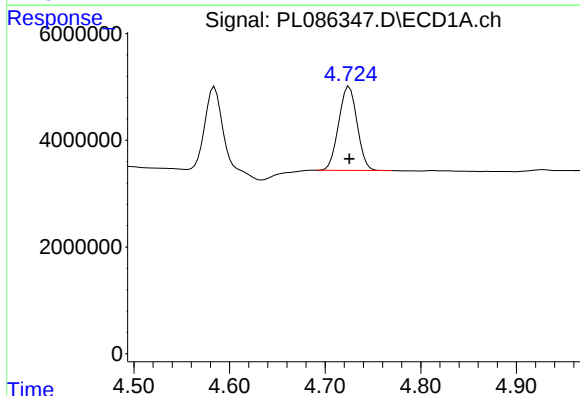
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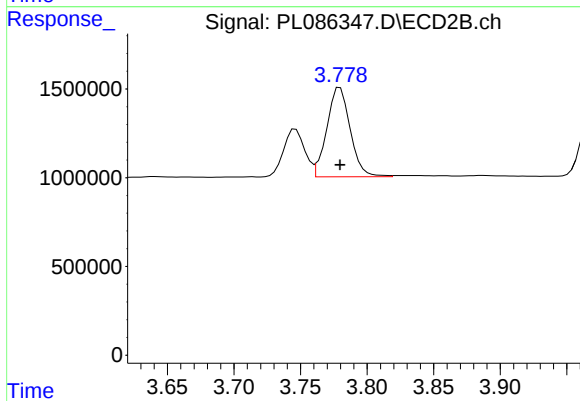
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 5798782
Conc: 4.41 ng/ml



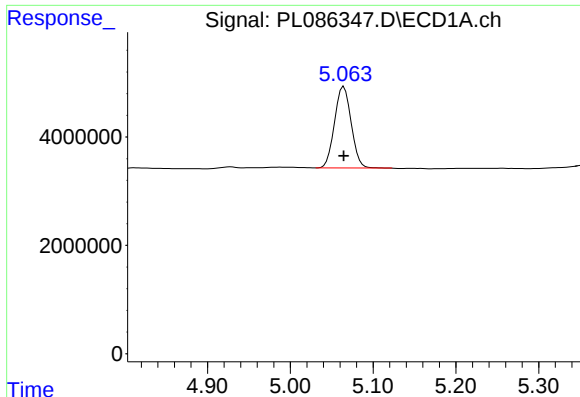
#4 Heptachlor

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 21142465
Conc: 4.85 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 6145926
Conc: 4.74 ng/ml



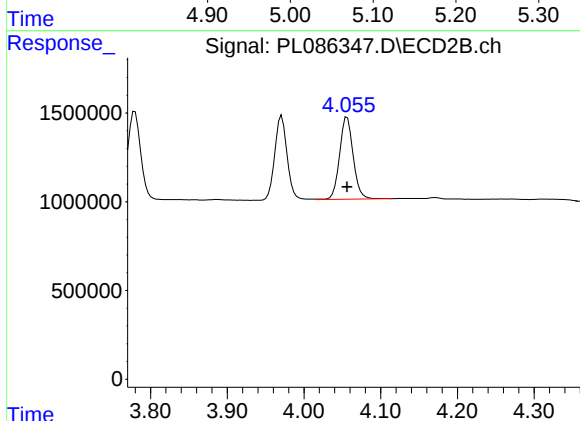
#5 Aldrin

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 21043446
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

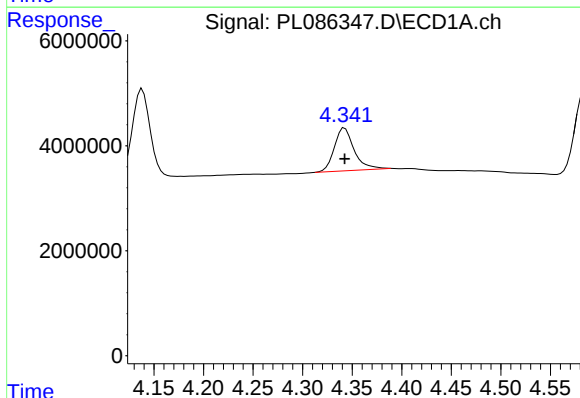
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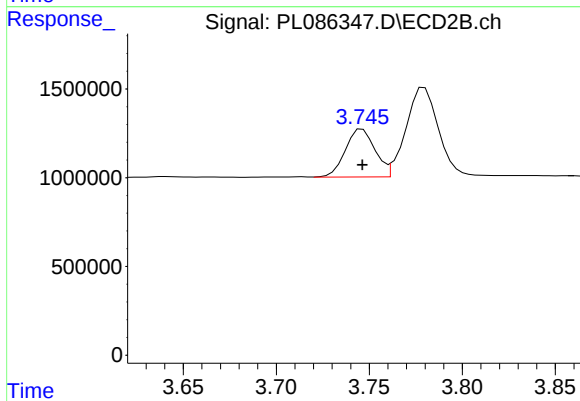
#5 Aldrin

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 5703413
Conc: 4.48 ng/ml



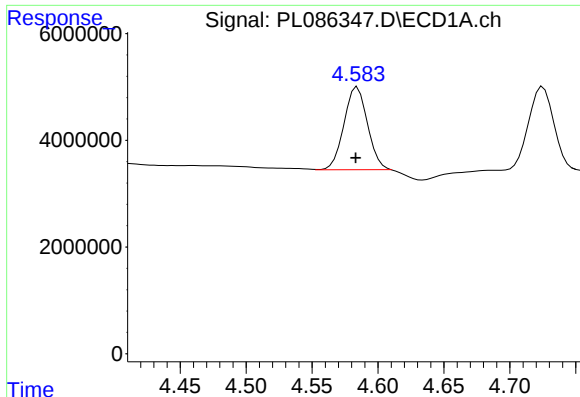
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 11533795
Conc: 5.85 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 2990604
Conc: 5.21 ng/ml



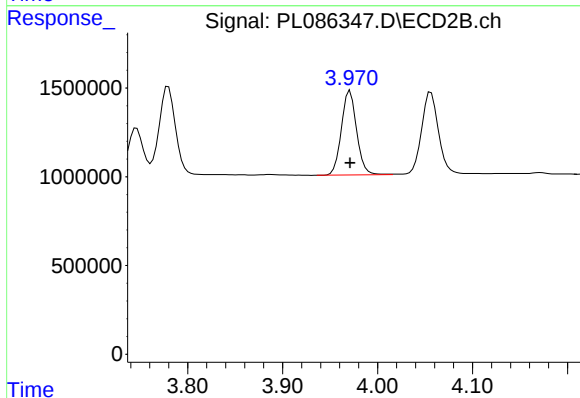
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 19240684
Conc: 4.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

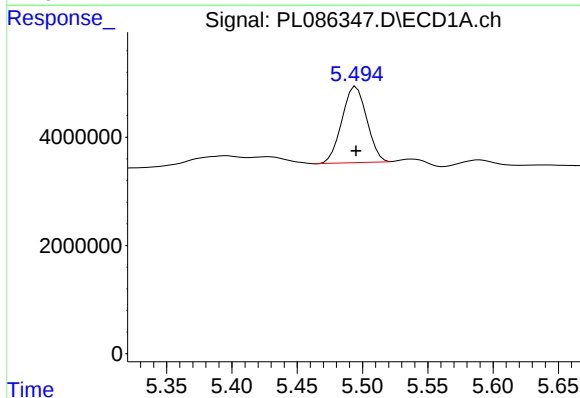
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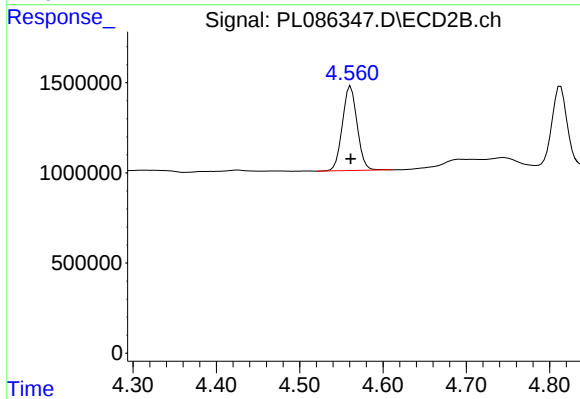
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 5302720
Conc: 4.20 ng/ml



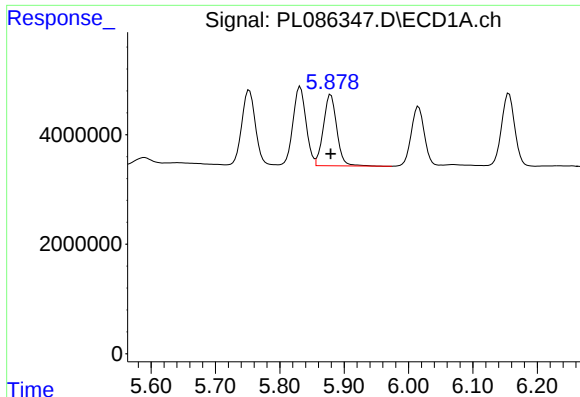
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 18654446
Conc: 4.84 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 5763500
Conc: 4.82 ng/ml



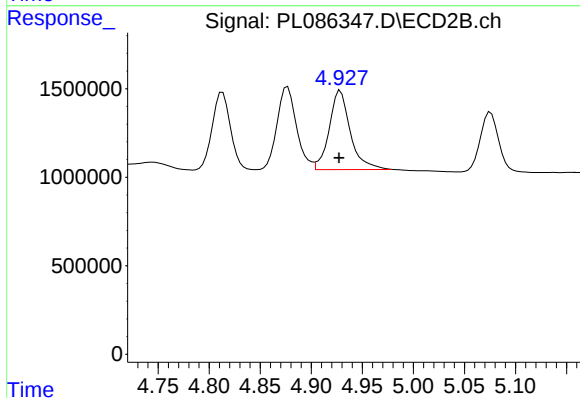
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 18763189
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

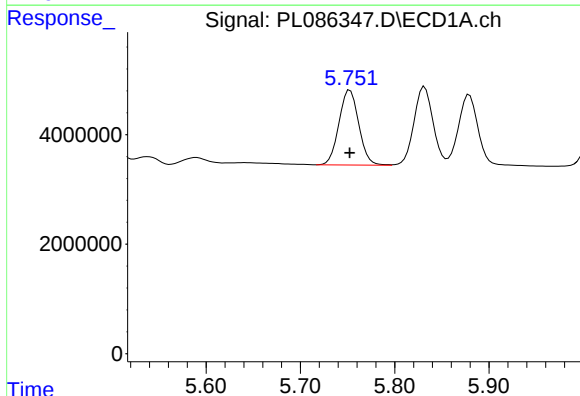
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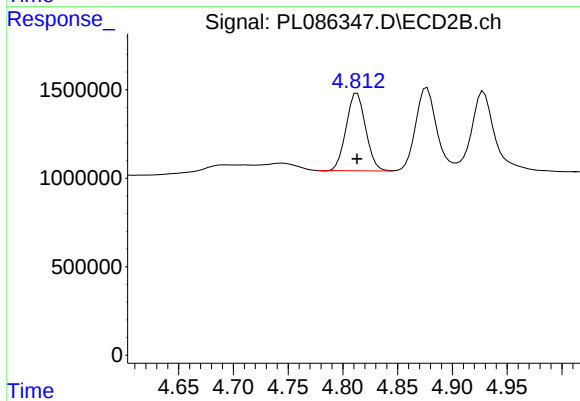
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 6413629
Conc: 5.39 ng/ml m



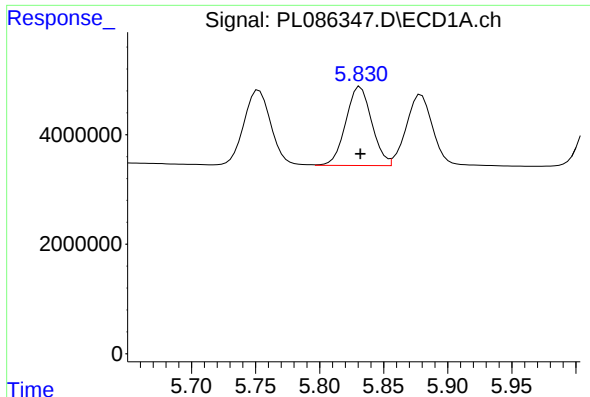
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 20000933
Conc: 5.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 5432585
Conc: 4.59 ng/ml



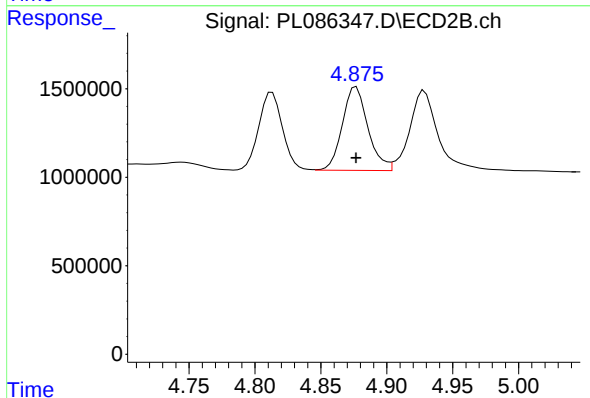
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 20251452
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

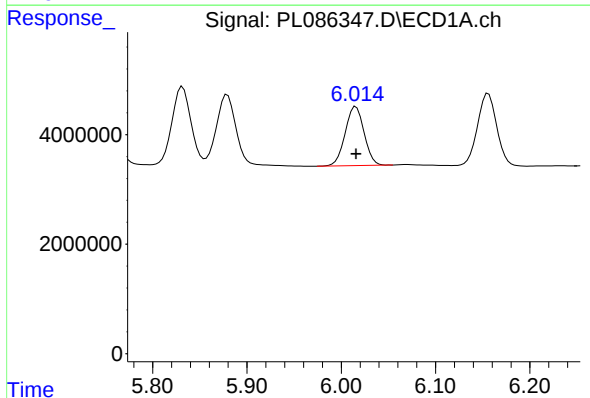
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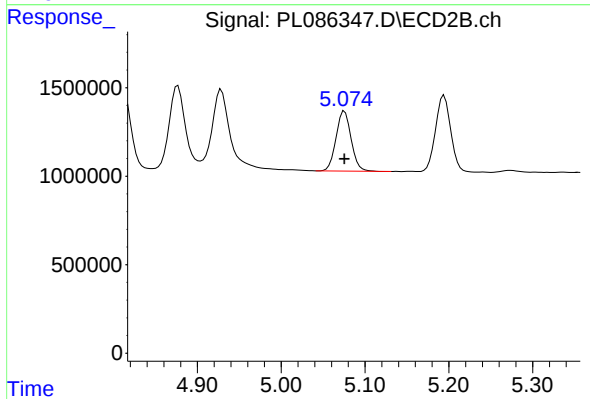
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 6368887
Conc: 5.10 ng/ml



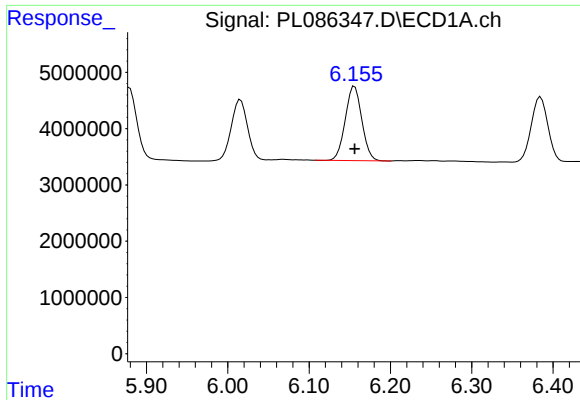
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 15063780
Conc: 4.75 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 4222293
Conc: 4.28 ng/ml



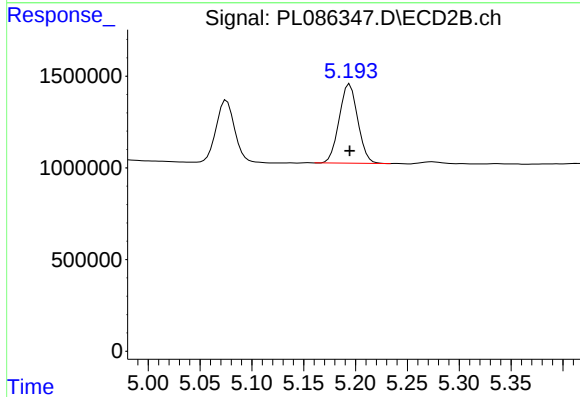
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 18632873
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

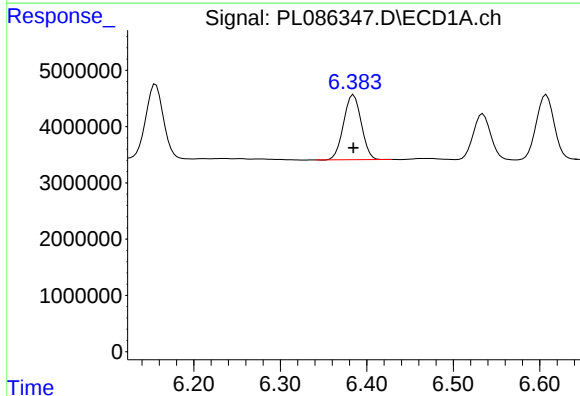
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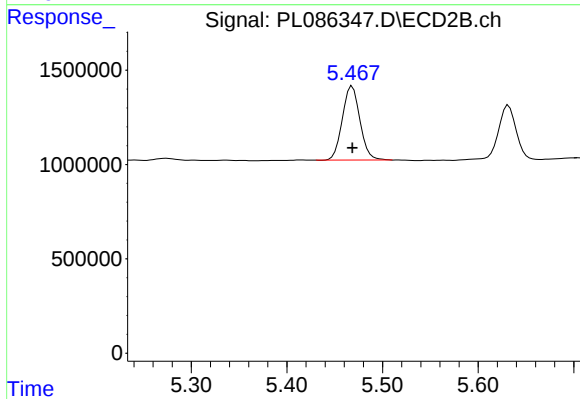
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 5392086
Conc: 4.52 ng/ml



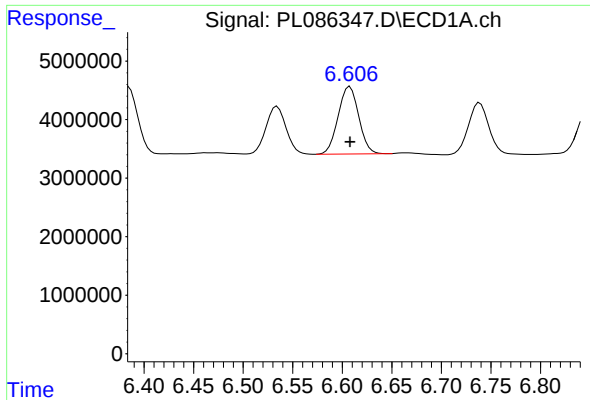
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 16297189
Conc: 4.88 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 5046069
Conc: 4.58 ng/ml



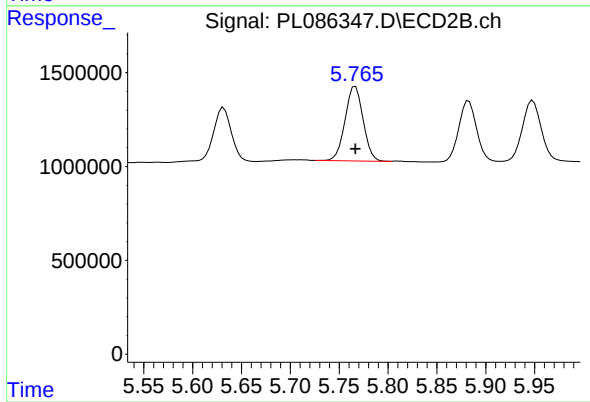
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 16627802
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

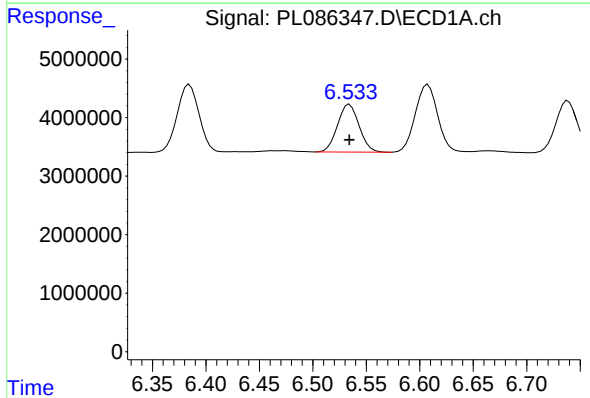
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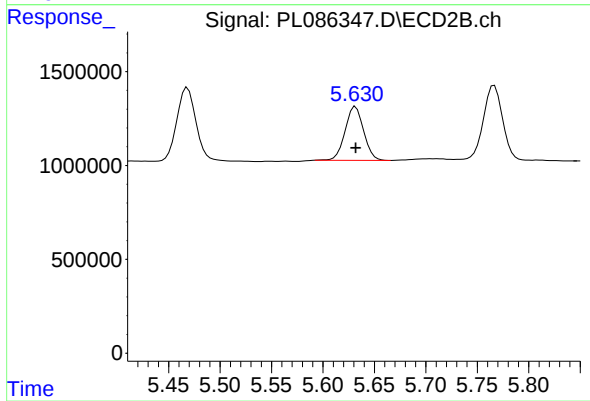
#15 Endosulfan II

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 5139257
Conc: 4.77 ng/ml



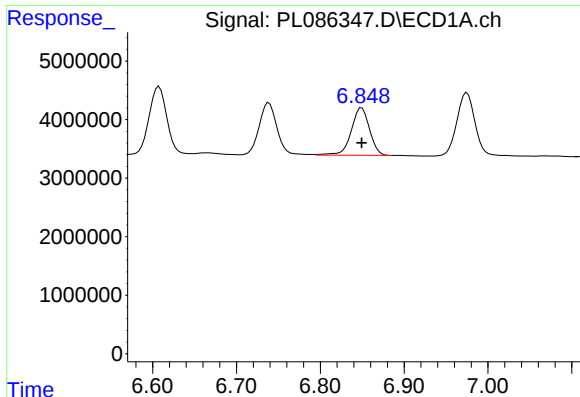
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 11463183
Conc: 4.83 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 3605644
Conc: 4.43 ng/ml



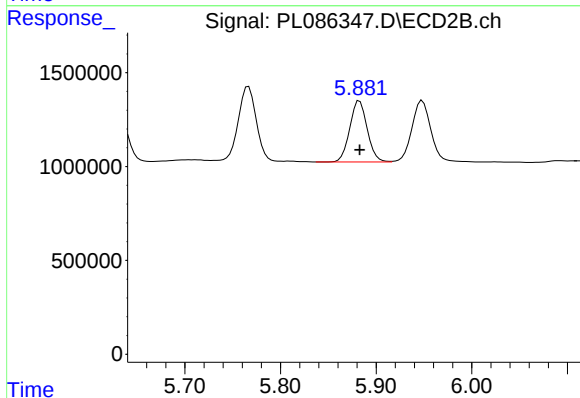
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 12355785
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

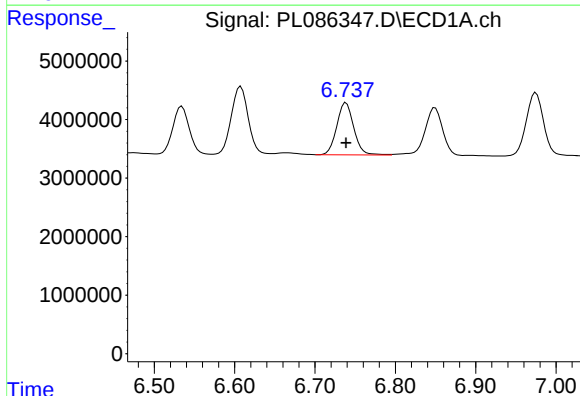
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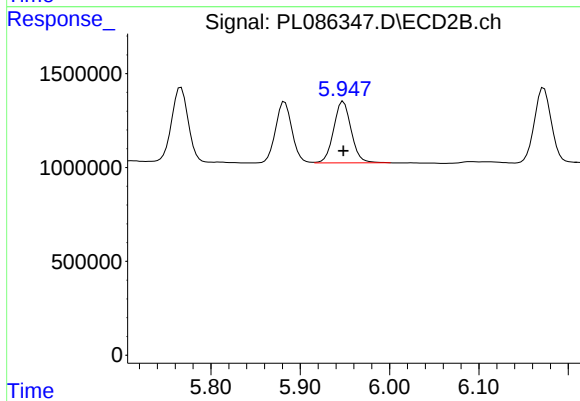
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 4156525
Conc: 4.41 ng/ml



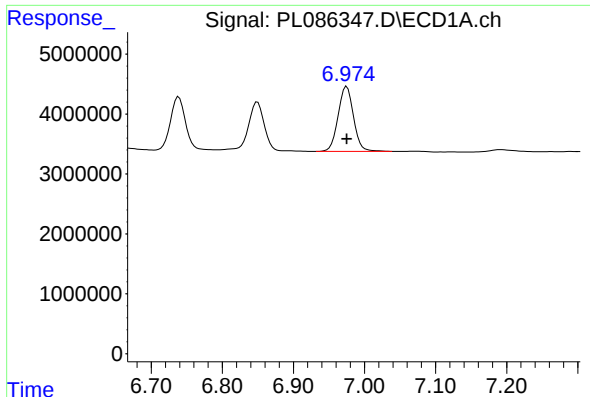
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 13079952
Conc: 5.37 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 4454769
Conc: 5.28 ng/ml



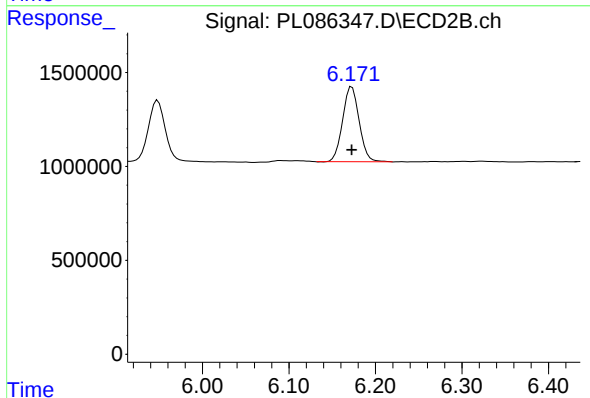
#19 Endosulfan Sulfate

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 16280164
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

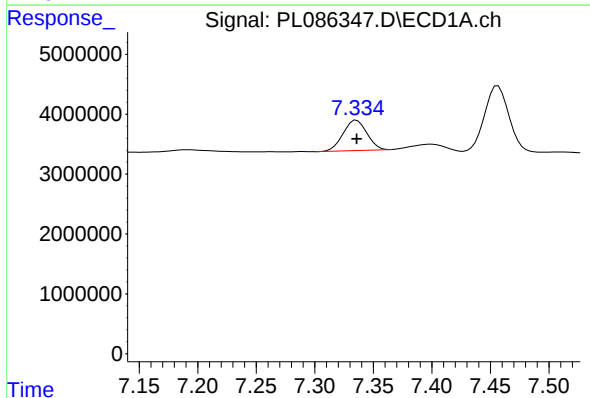
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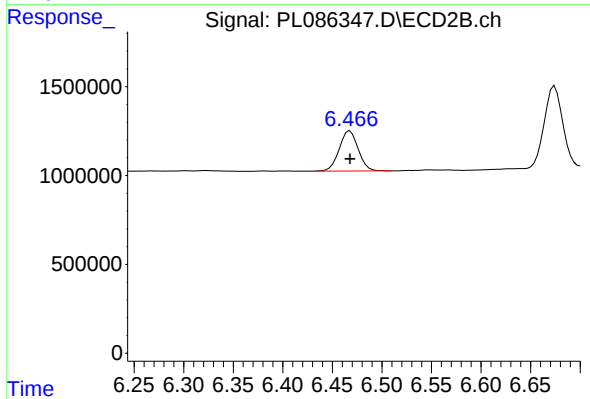
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 5278304
Conc: 5.01 ng/ml



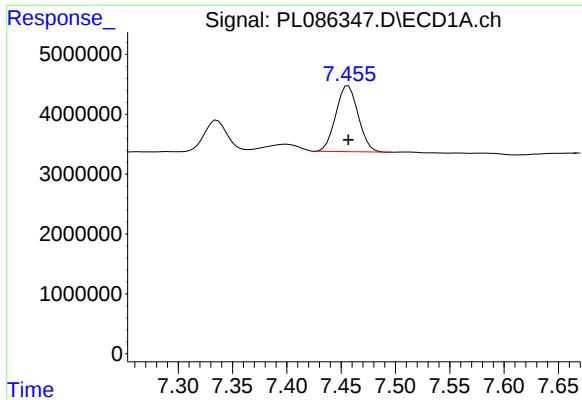
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 7179092
Conc: 5.18 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 3016013
Conc: 5.16 ng/ml



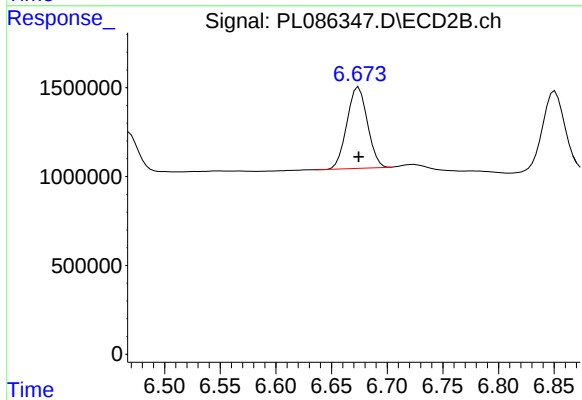
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 15783887
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

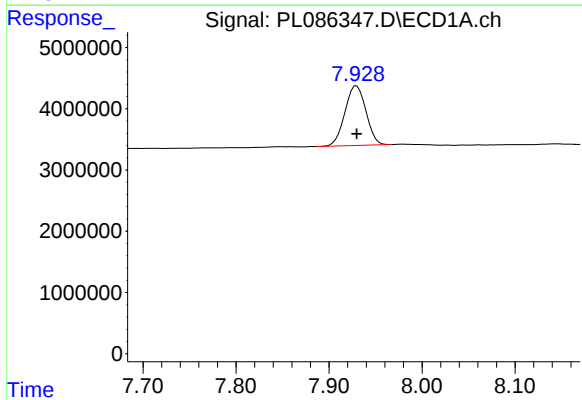
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Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



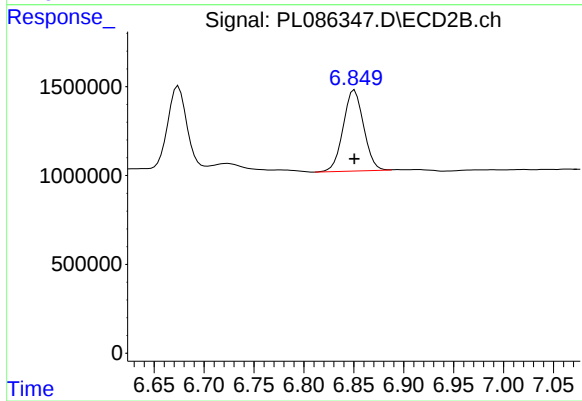
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 5861001
Conc: 4.70 ng/ml



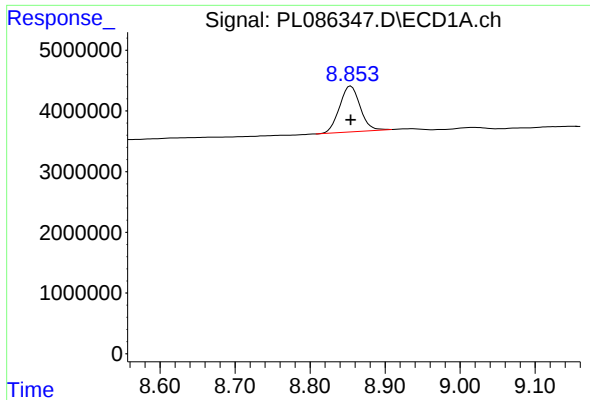
#22 Mirex

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 15318350
Conc: 5.61 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 6501523
Conc: 5.68 ng/ml



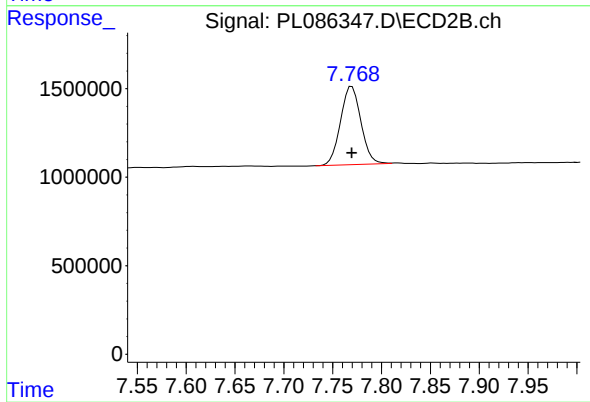
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: 0.000 min
Response: 14553419
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 6447742
Conc: 5.62 ng/ml