

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022023\
 Data File : PD074001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 19:31
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:09:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022023.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 21 00:55:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.553	2.775	12527905	6417508	5.005	4.953
28) SA Decachlor...	9.102	7.932	15860754	7432365	5.461	5.500
Target Compounds						
2) A alpha-BHC	4.009	3.278	18169312	8931195	4.249	4.506
3) MA gamma-BHC...	4.342	3.609	17242792	8346467	4.405	4.563
4) MA Heptachlor	4.936	3.951	18103200	8411032	4.604	4.763
5) MB Aldrin	5.280	4.232	17529478	8539493	4.563	4.695
6) B beta-BHC	4.536	3.905	8867903	4121452	5.379	5.193
7) B delta-BHC	4.786	4.135	15197336	8580962	4.549	4.637
8) B Heptachlo...	5.706	4.735	16813486	8083339	5.055	4.879
9) A Endosulfan I	6.093	5.106	16430445	7553028	4.971	4.837
10) B gamma-Chl...	5.961	4.986	16854551	8316832	4.741m	4.871
11) B alpha-Chl...	6.041	5.051	17058859	8317255	4.834m	4.925
12) B 4,4'-DDE	6.214	5.241	14638090	7145728	4.511	4.583
13) MA Dieldrin	6.369	5.372	16033119	7749851	4.649	4.702
14) MA Endrin	6.600	5.647	13355446	6963404	4.538	4.840
15) B Endosulfa...	6.818	5.941	16508505	6890543	5.600	5.028
16) A 4,4'-DDD	6.732	5.796	12315051	6087441	4.658	4.684
17) MA 4,4'-DDT	7.048	6.048	14432103	6328725	4.813	4.672
18) B Endrin al...	6.949	6.120	12113236	5631844	5.283	5.135m
19) B Endosulfa...	7.184	6.343	14766122	7045959	5.155	5.179
20) A Methoxychlor	7.523	6.624	8903732	3684830	5.423	5.159
21) B Endrin ke...	7.670	6.851	16236161	8089599	5.064	5.025
22) Mirex	8.147	7.036	13701383	6747612	5.657	5.422

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022023\
Data File : PD074001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 19:31
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

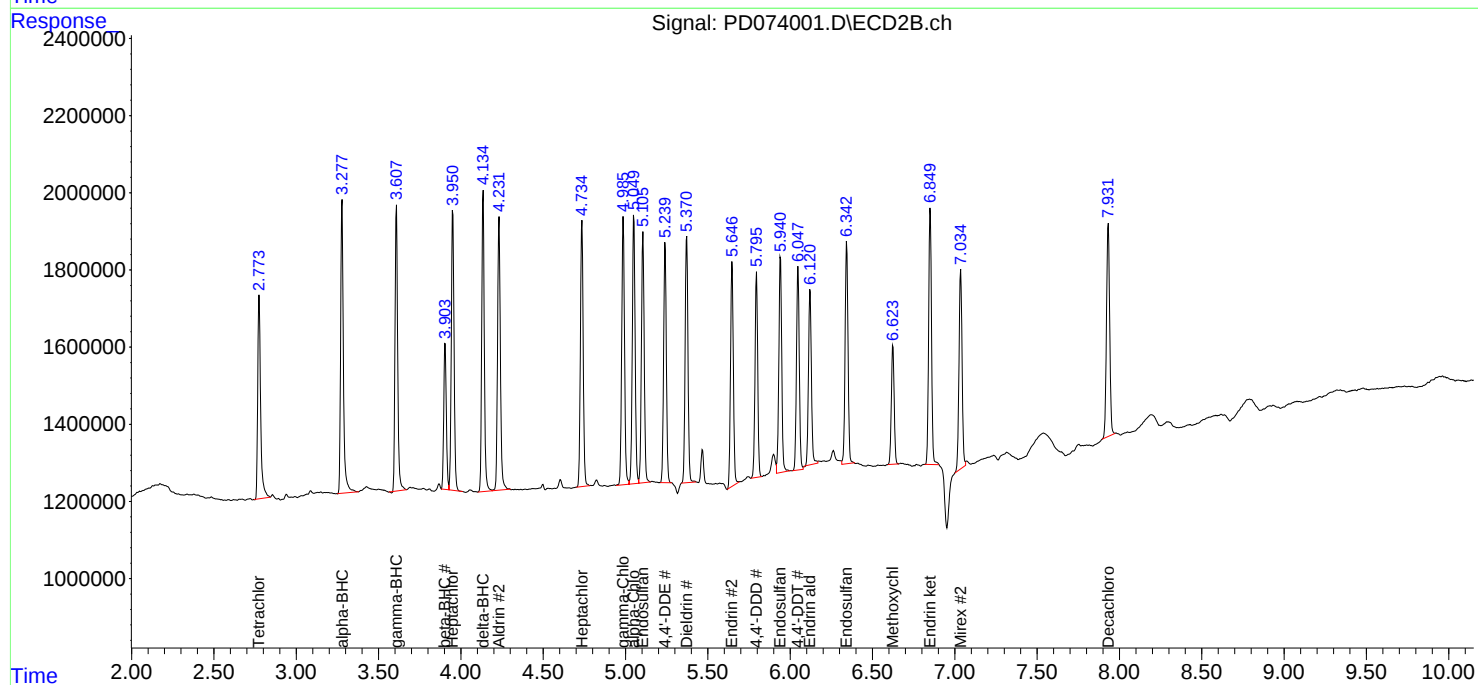
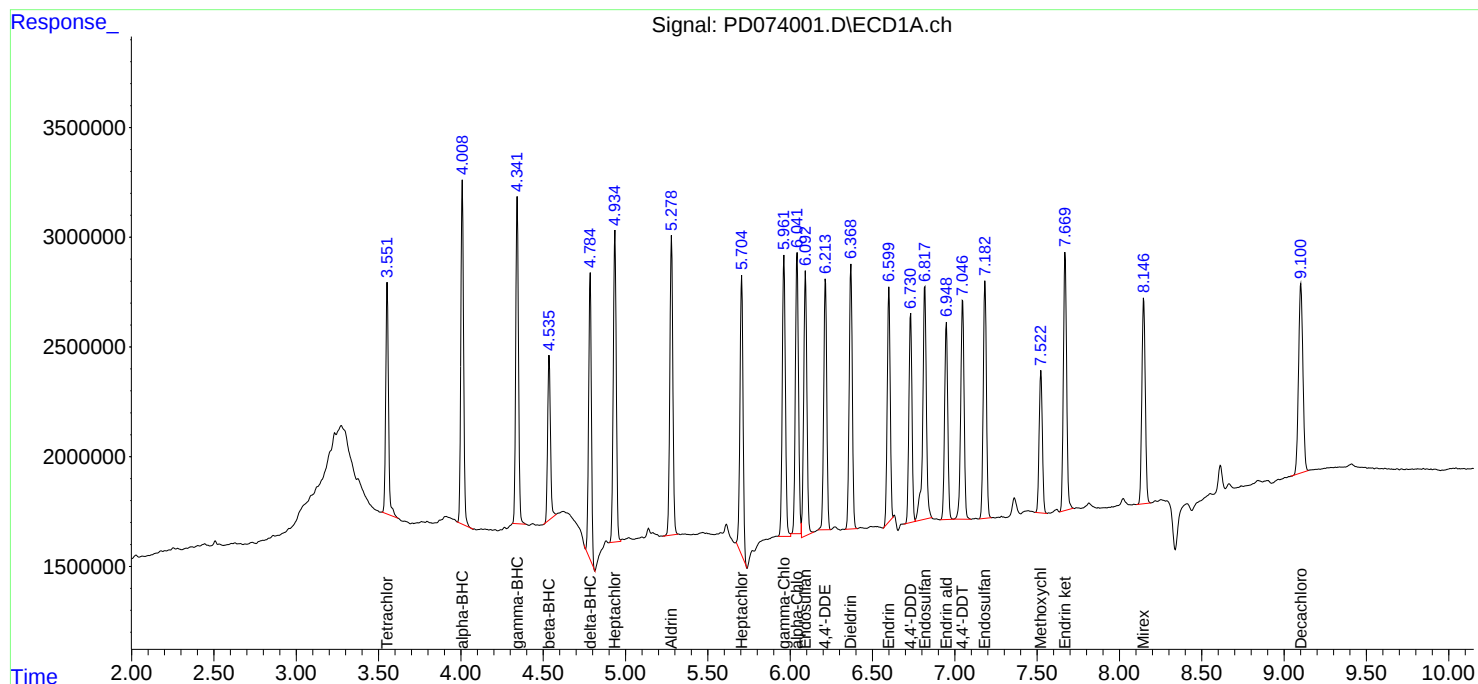
APPROVED

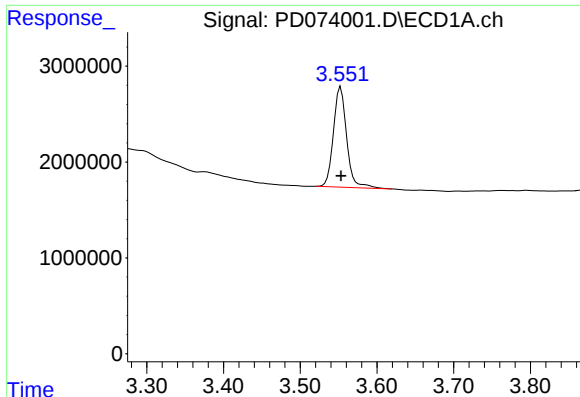
Reviewed By :Abdul Mirza 02/21/2023

Supervised By :Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:09:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022023.M
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QLast Update : Tue Feb 21 00:55:06 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 12527905
Conc: 5.01 ng/ml

Instrument :

ECD_D

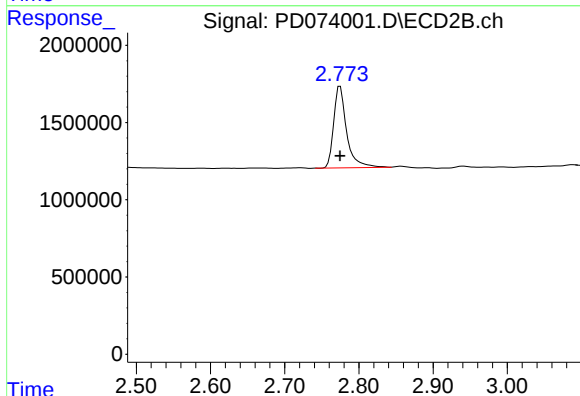
ClientSampleId :

PSTDICC005

Manual Integrations

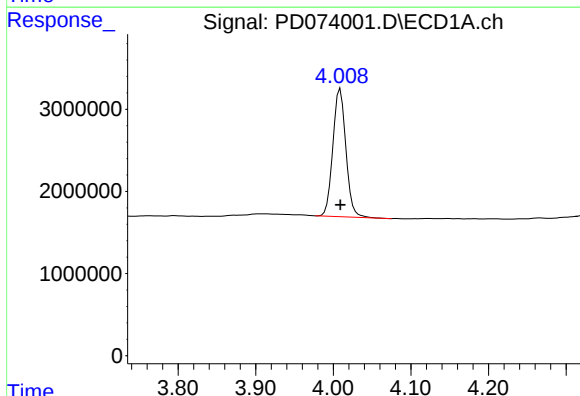
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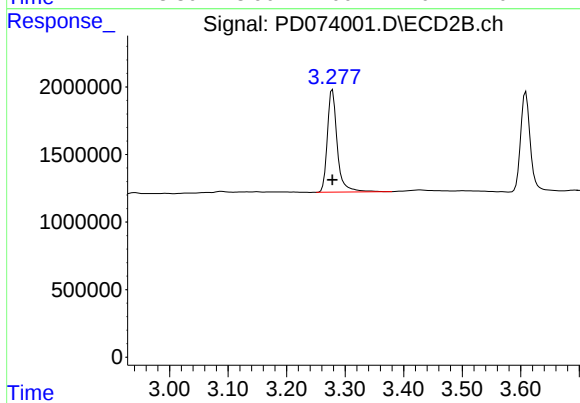
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 6417508
Conc: 4.95 ng/ml



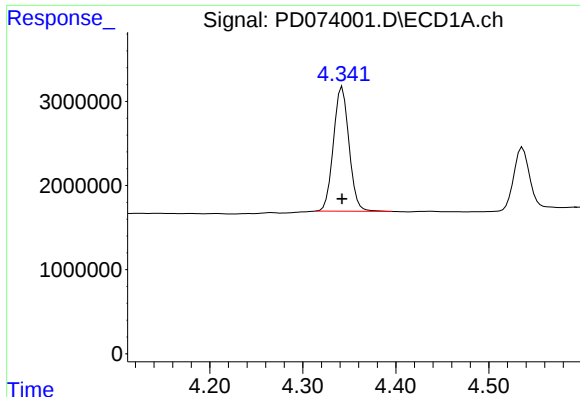
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 18169312
Conc: 4.25 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 8931195
Conc: 4.51 ng/ml



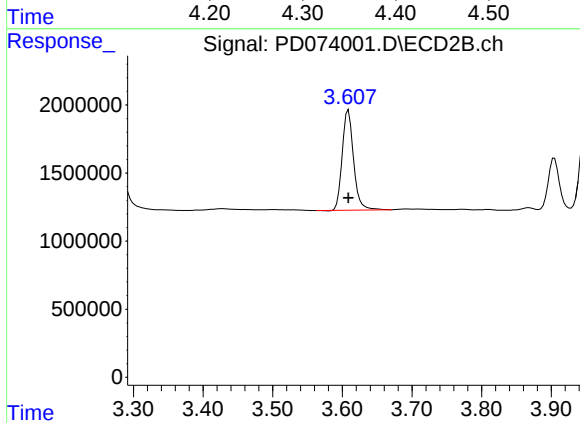
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 17242792
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

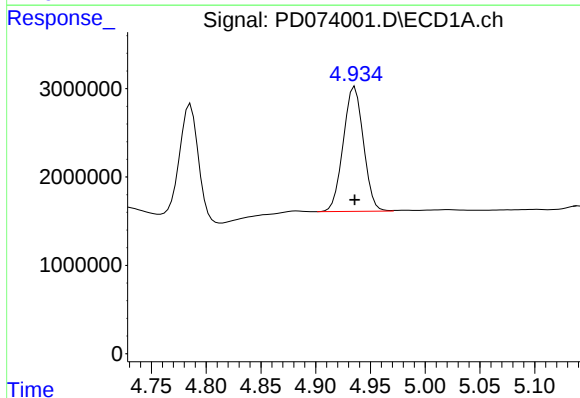
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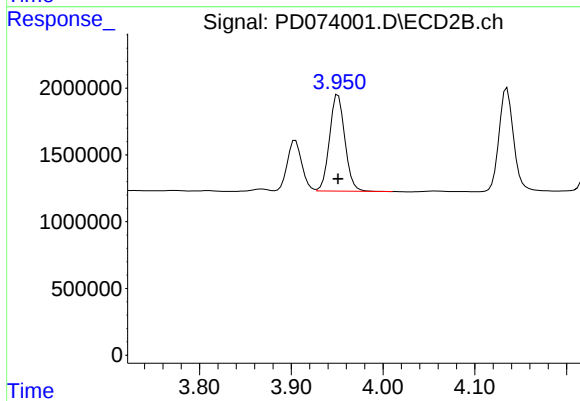
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.000 min
Response: 8346467
Conc: 4.56 ng/ml



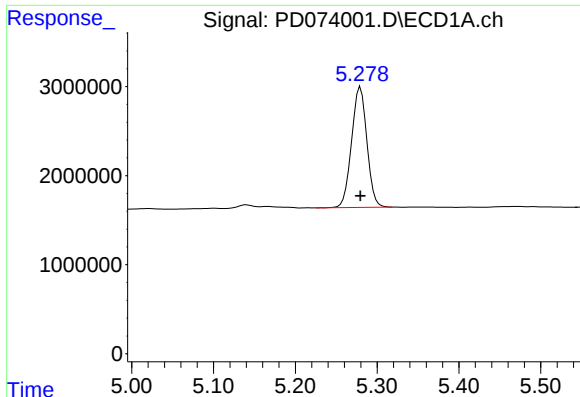
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 18103200
Conc: 4.60 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 8411032
Conc: 4.76 ng/ml



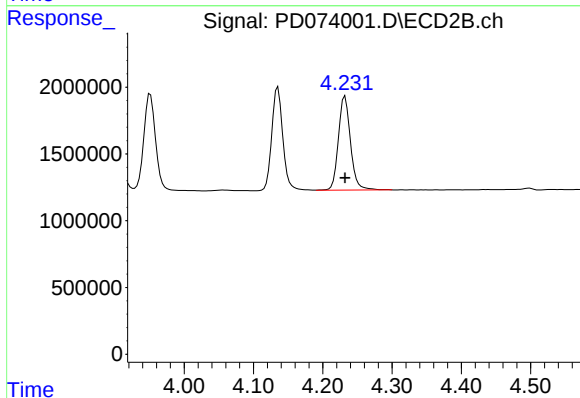
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 17529478
Conc: 4.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

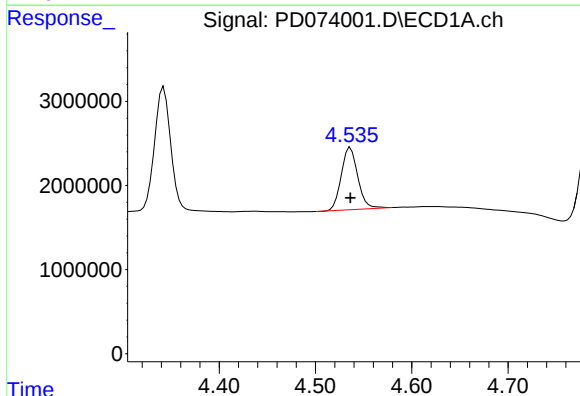
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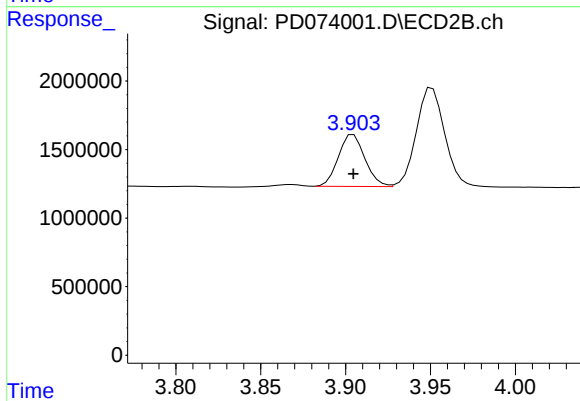
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: 0.000 min
Response: 8539493
Conc: 4.70 ng/ml



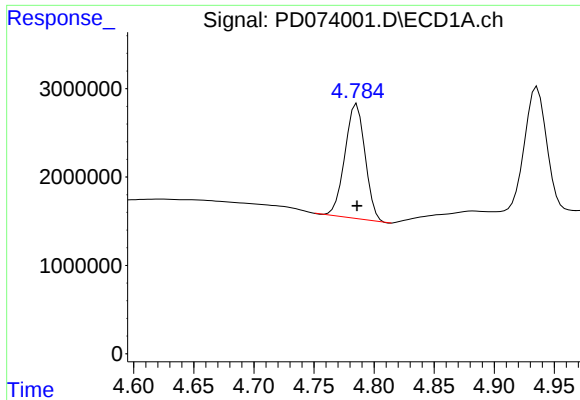
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 8867903
Conc: 5.38 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 4121452
Conc: 5.19 ng/ml



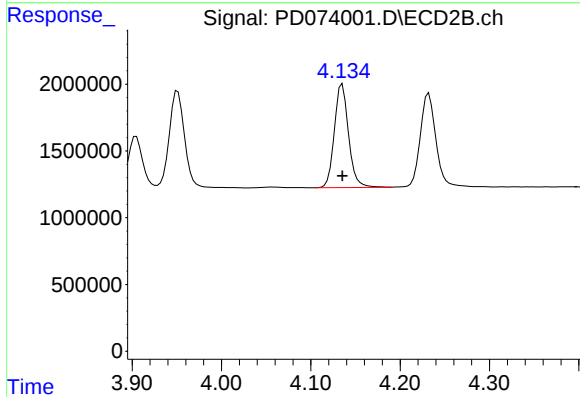
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 15197336
Conc: 4.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

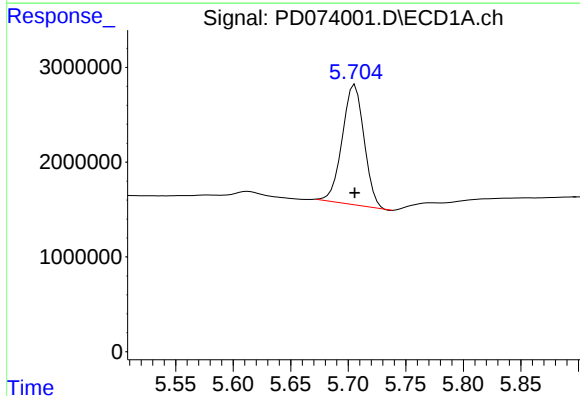
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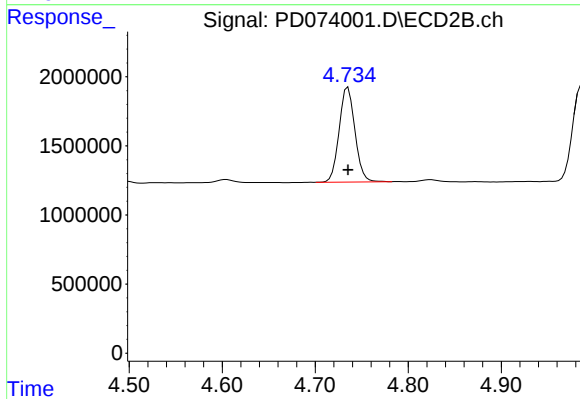
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 8580962
Conc: 4.64 ng/ml



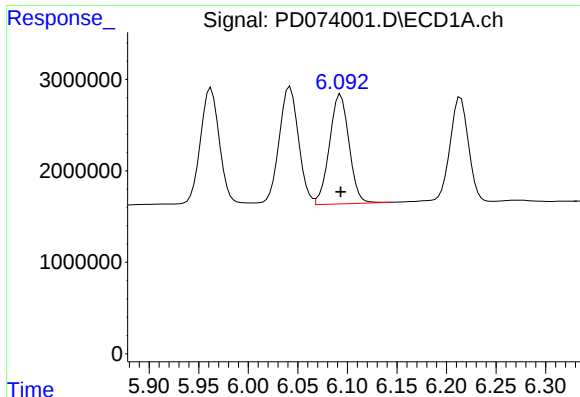
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 16813486
Conc: 5.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 8083339
Conc: 4.88 ng/ml



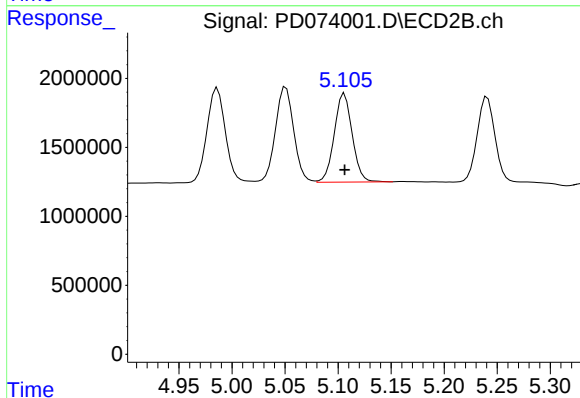
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 16430445
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

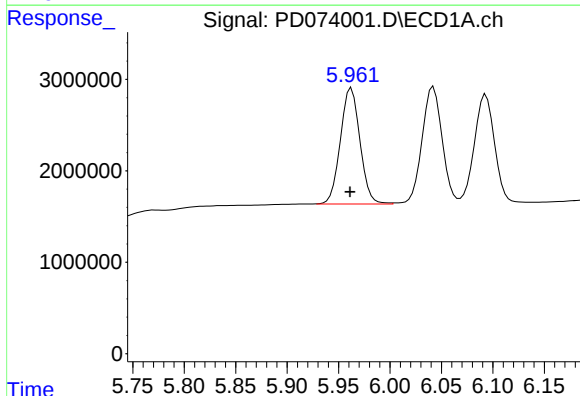
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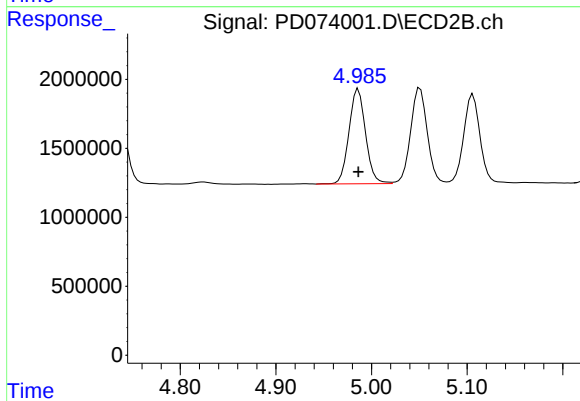
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 7553028
Conc: 4.84 ng/ml



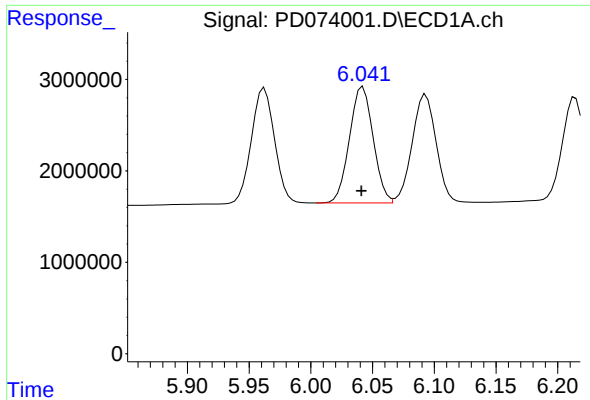
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 16854551
Conc: 4.74 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 8316832
Conc: 4.87 ng/ml



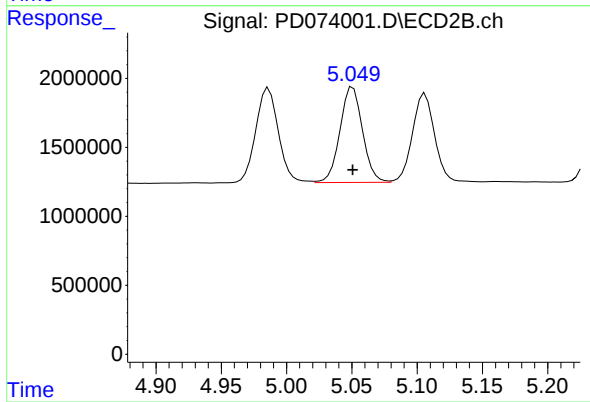
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 17058859
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

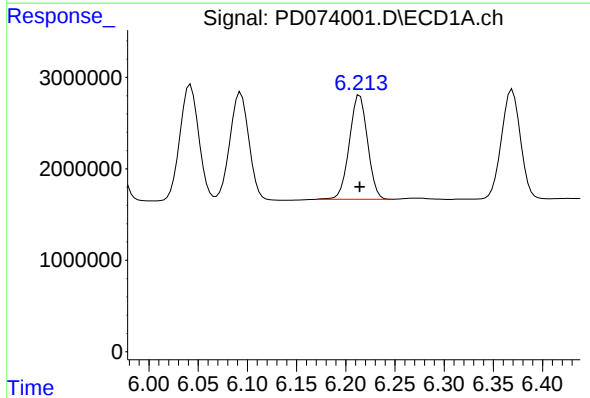
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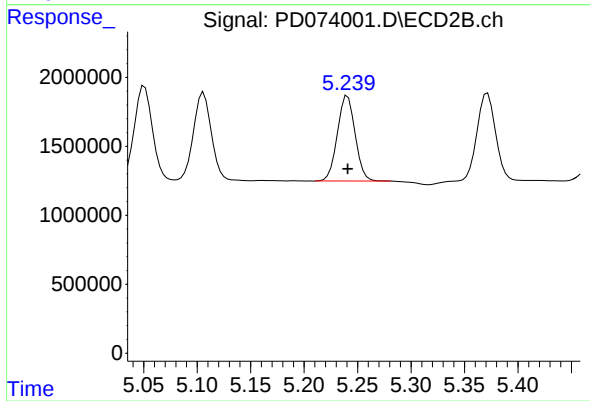
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 8317255
Conc: 4.92 ng/ml



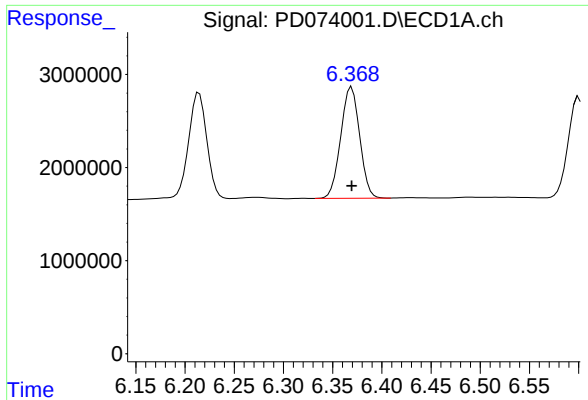
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 14638090
Conc: 4.51 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 7145728
Conc: 4.58 ng/ml



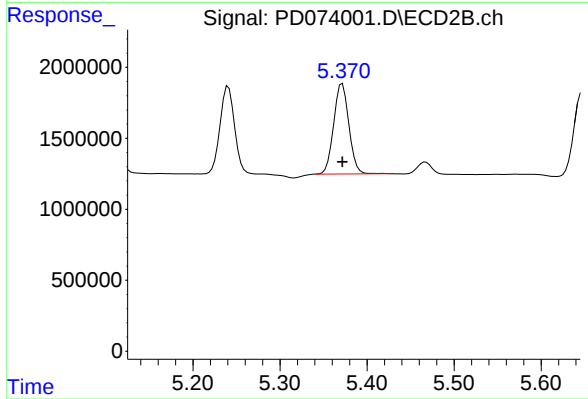
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 16033119
Conc: 4.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

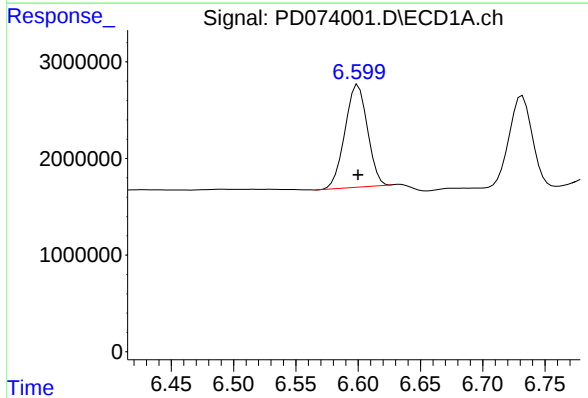
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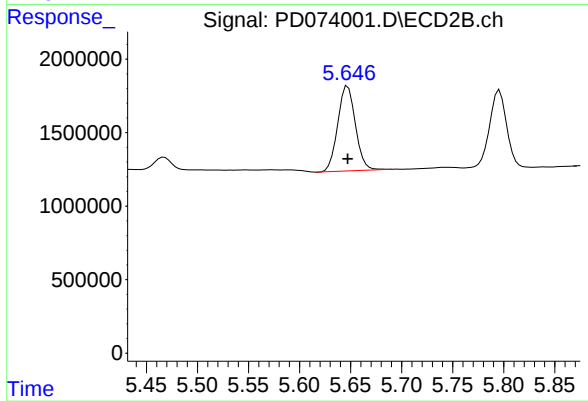
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 7749851
Conc: 4.70 ng/ml



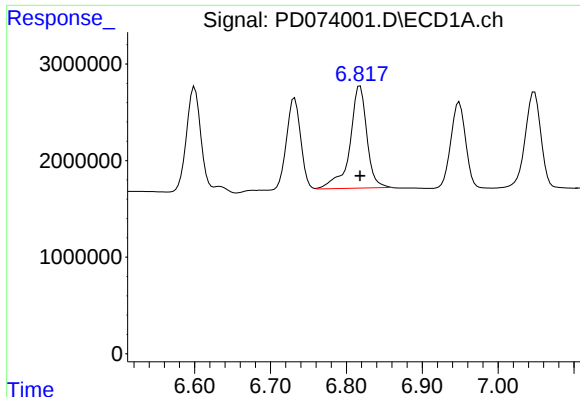
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 13355446
Conc: 4.54 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 6963404
Conc: 4.84 ng/ml



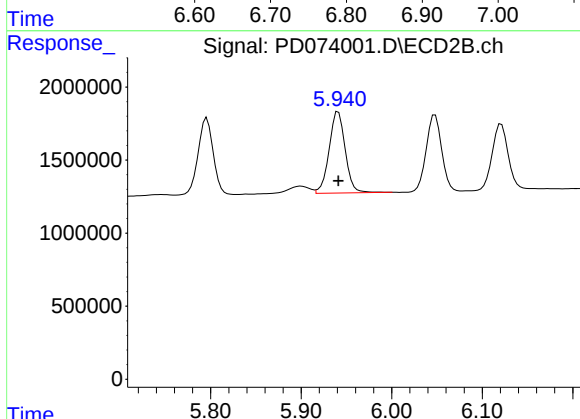
#15 Endosulfan II

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 16508505
Conc: 5.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

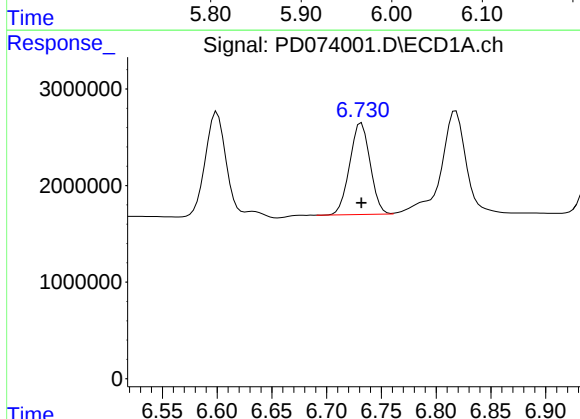
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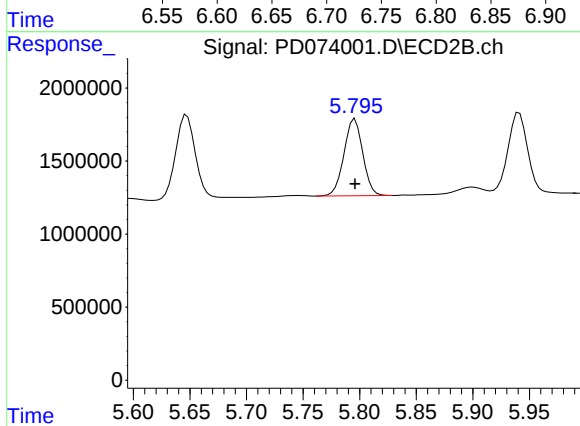
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 6890543
Conc: 5.03 ng/ml



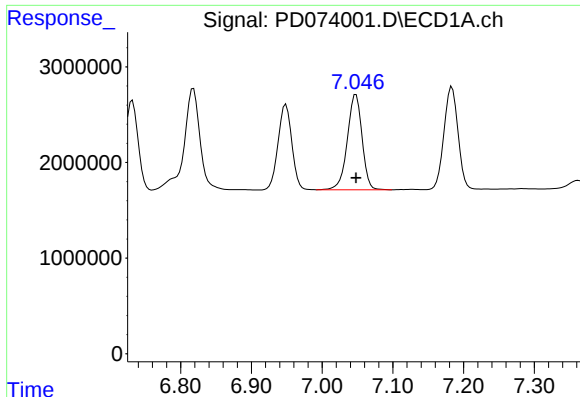
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 12315051
Conc: 4.66 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 6087441
Conc: 4.68 ng/ml



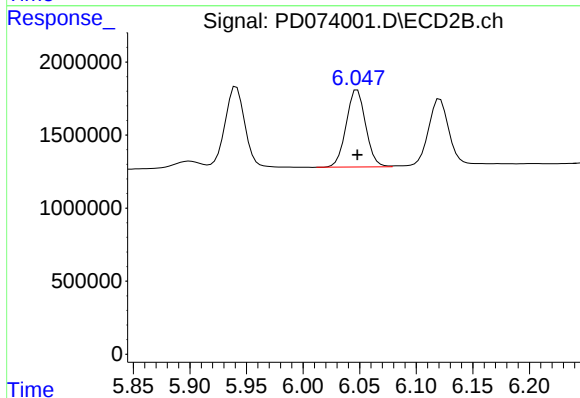
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 14432103
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

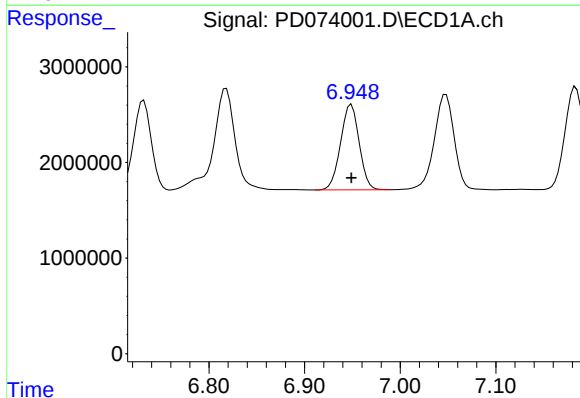
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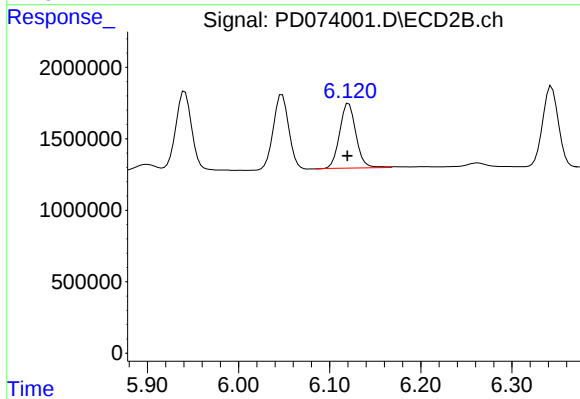
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 6328725
Conc: 4.67 ng/ml



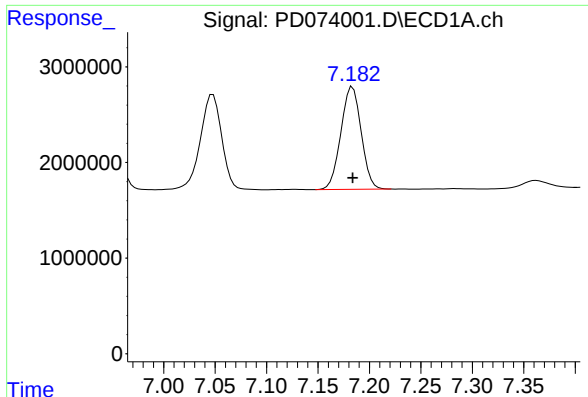
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 12113236
Conc: 5.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 5631844
Conc: 5.14 ng/ml m



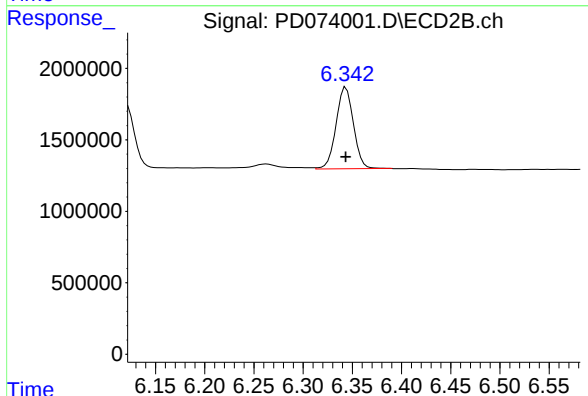
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 14766122
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

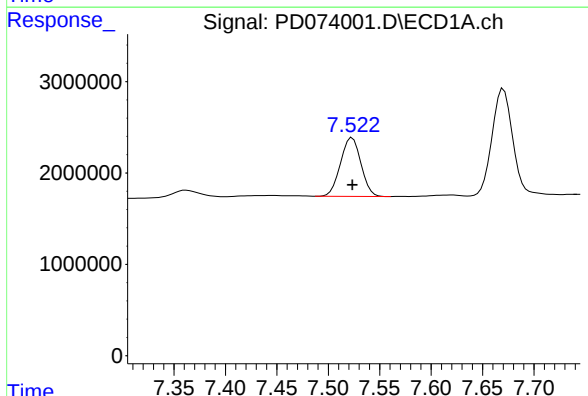
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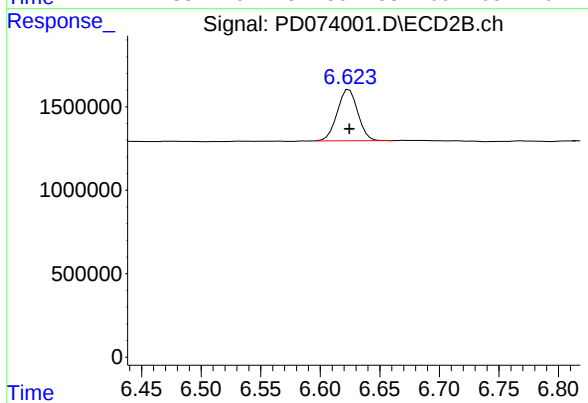
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 7045959
Conc: 5.18 ng/ml



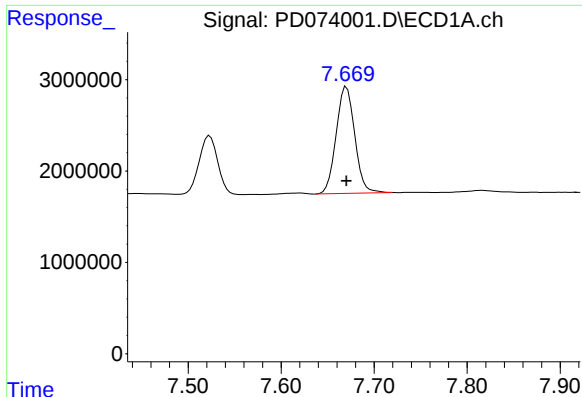
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 8903732
Conc: 5.42 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 3684830
Conc: 5.16 ng/ml



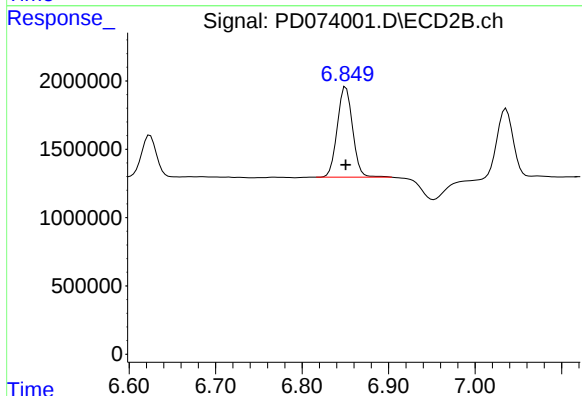
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 16236161
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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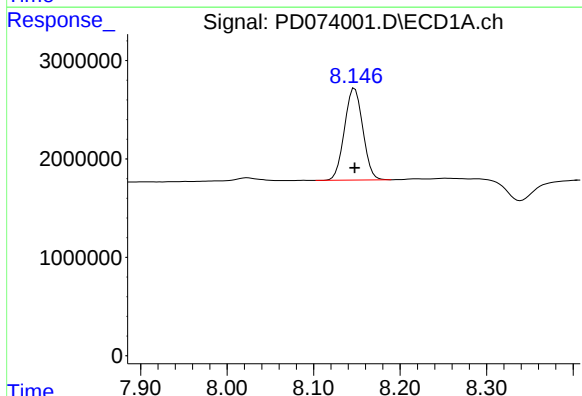
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Reviewed By :Abdul Mirza 02/21/2023
Supervised By :Ankita Jodhani 02/21/2023



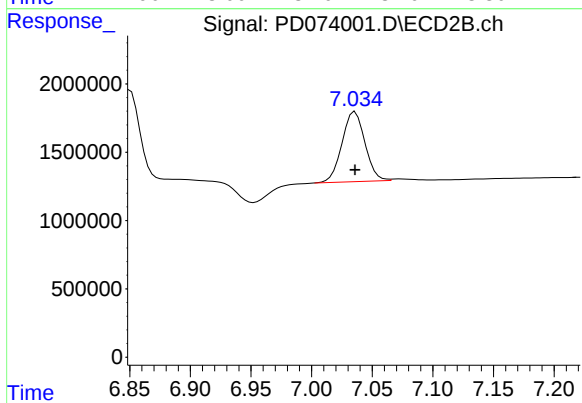
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 8089599
Conc: 5.02 ng/ml



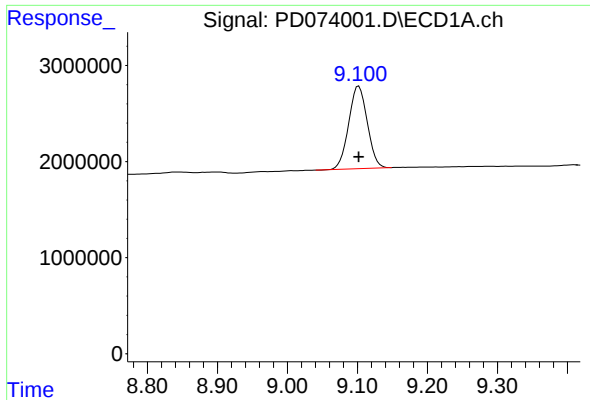
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 13701383
Conc: 5.66 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 6747612
Conc: 5.42 ng/ml



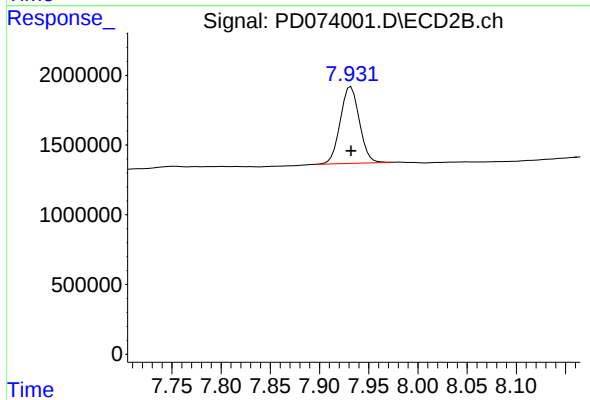
#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 15860754
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2023
Supervised By :Ankita Jodhani 02/21/2023



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 7432365
Conc: 5.50 ng/ml