

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD070988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2022 20:59
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2022
 Supervised By : Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 05:00:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:00:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.474	4.125	15532275	173.7E6	5.360	6.007
28) SA Decachlor...	8.243	9.322	18170835	69992519	5.947	6.137
Target Compounds						
2) A alpha-BHC	3.915	4.530	21962593	236.9E6	5.006	6.249
3) MA gamma-BHC...	4.200	4.824	25940571	184.2E6	5.974	6.168
4) MA Heptachlor	4.500	5.340	21102860	143.3E6	5.068	6.488 #
5) MB Aldrin	4.748	5.653	21107641	118.7E6	5.051	6.412 #
6) B beta-BHC	4.449	5.000	9374581	103.1E6	5.609	7.687 #
7) B delta-BHC	4.654	5.223	19542490	152.0E6	4.938	6.405m#
8) B Heptachlo...	5.193	6.045	19893792	97659528	5.311	6.391m
9) A Endosulfan I	5.533	6.411	18444452	90486605	5.282	6.236m
10) B gamma-Chl...	5.420	6.282	20425484	98791162	5.253	6.278m
11) B alpha-Chl...	5.479	6.356	20306950	97436109	5.311	6.372m
12) B 4,4'-DDE	5.644	6.512	17662614	90939136	5.015	6.058
13) MA Dieldrin	5.777	6.673	19172523	92394530	5.104	6.047
14) MA Endrin	6.035	6.897	16357354	52425155	5.238	5.054
15) B Endosulfa...	6.308	7.109	16455538	78307211	5.470	6.243m
16) A 4,4'-DDD	6.162	7.012	15113564	71757461	5.149	5.769
17) MA 4,4'-DDT	6.402	7.314	15350031	78821240	5.014	5.885
18) B Endrin al...	6.478	7.237	13757647	61648733	5.736	6.113
19) B Endosulfa...	6.692	7.461	16489106	73196839	5.535	6.058
20) A Methoxychlor	6.953	7.773	9595006	42053927	5.804	6.120
21) B Endrin ke...	7.185	7.943	18808813	86914891	5.430	6.280
22) Mirex	7.371	8.397	16978945	56618343	6.124	6.161

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
Data File : PD070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2022 20:59
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

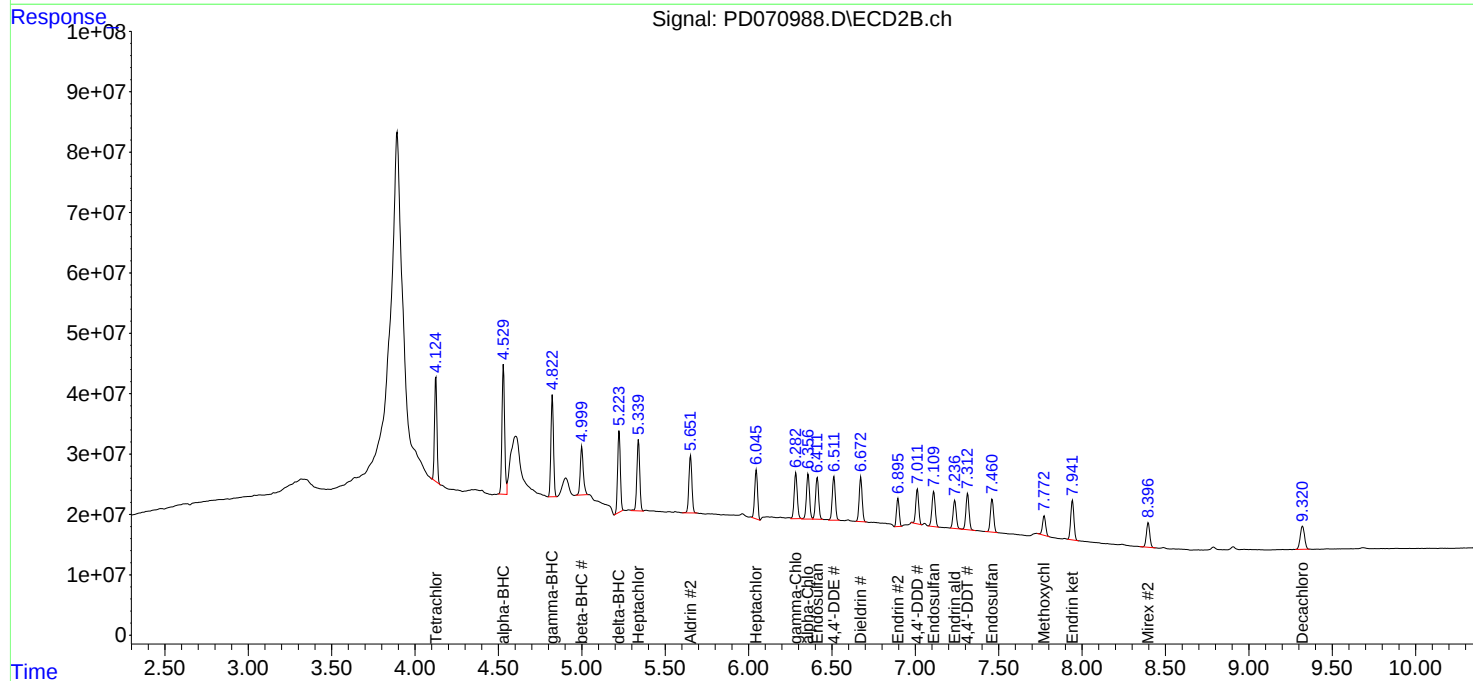
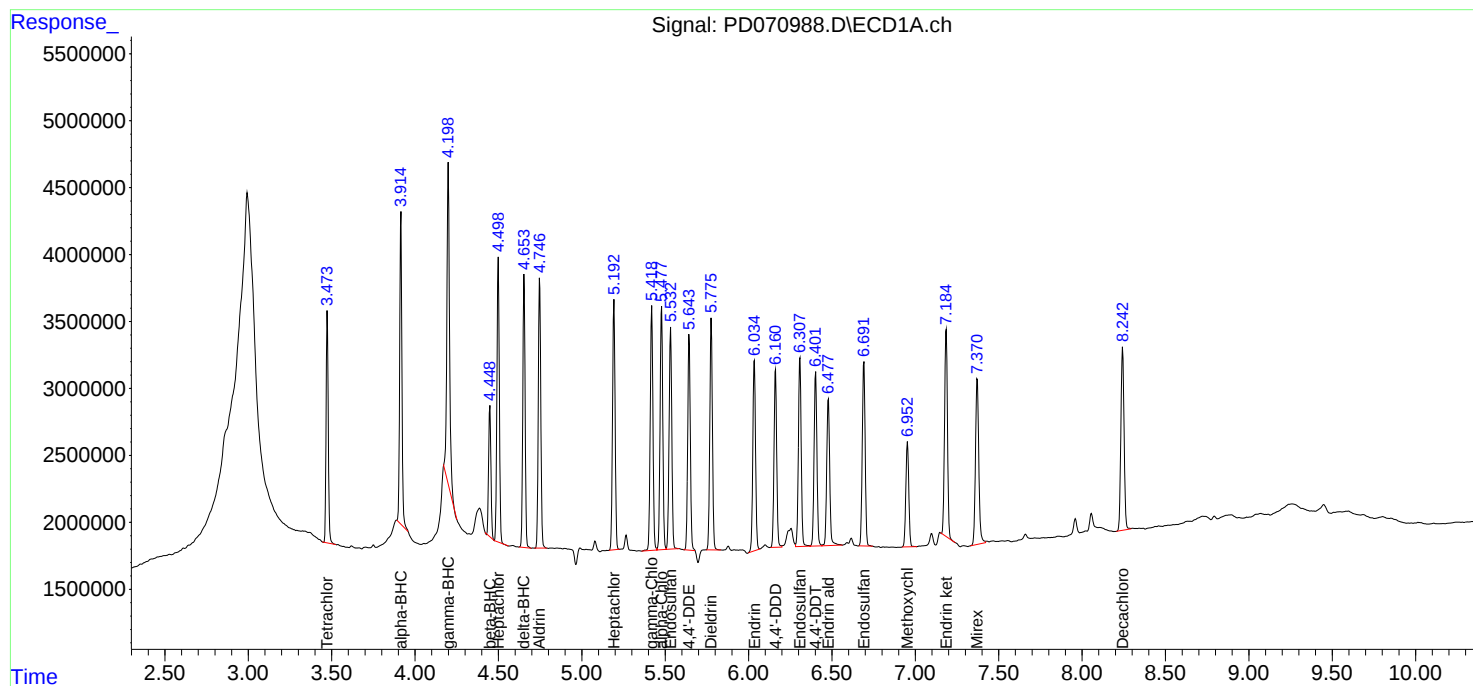
Manual Integrations

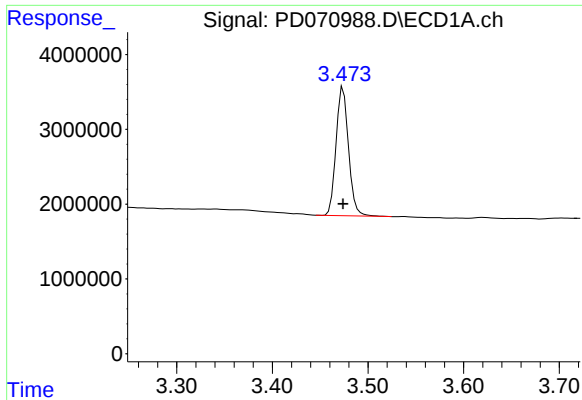
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Reviewed By :Abdul Mirza 07/20/2022
Supervised By :Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:00:10 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:00:02 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





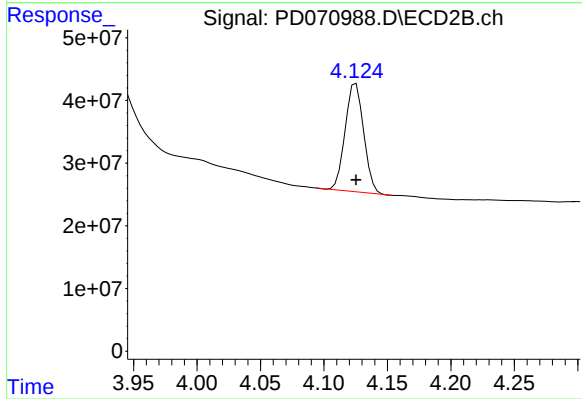
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 15532275
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

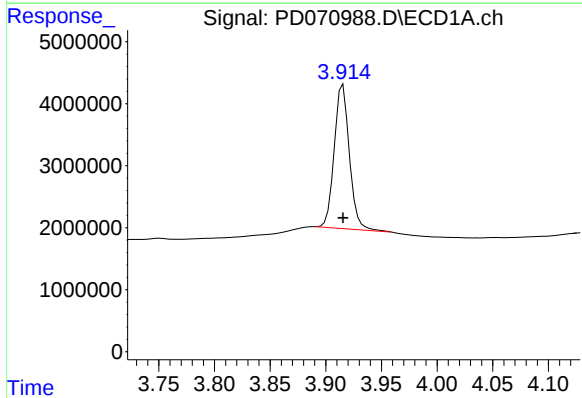
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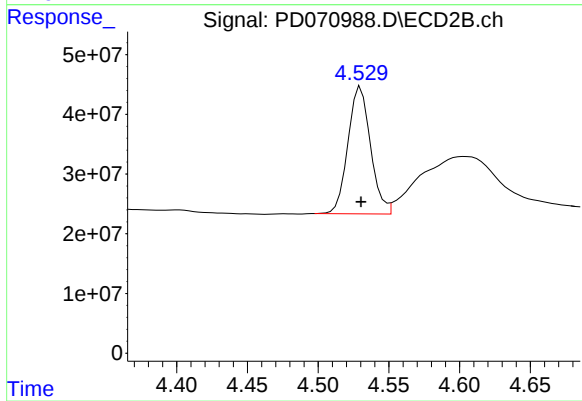
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 173665429
Conc: 6.01 ng/ml



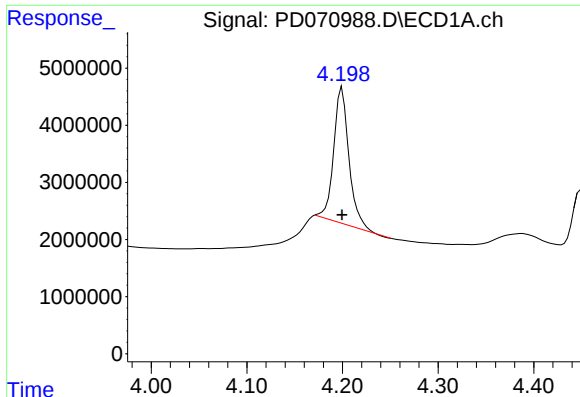
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 21962593
Conc: 5.01 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 236853552
Conc: 6.25 ng/ml



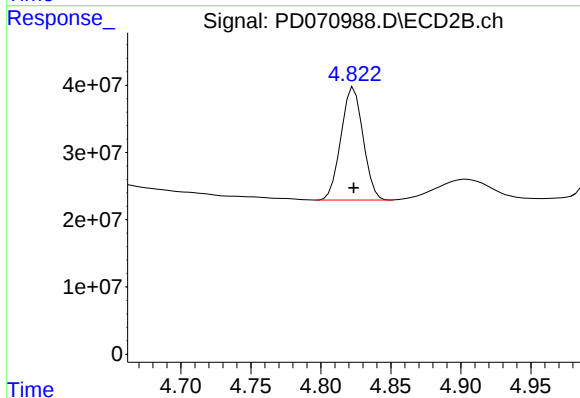
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 25940571
Conc: 5.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

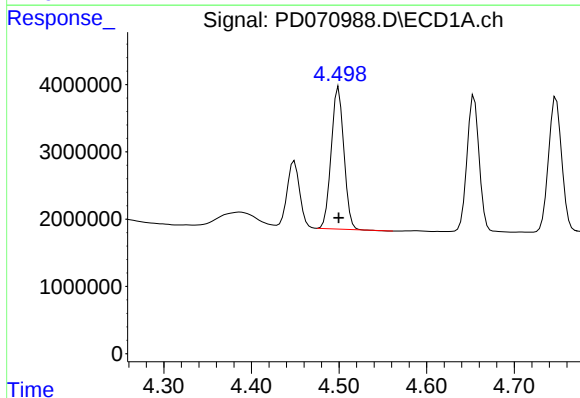
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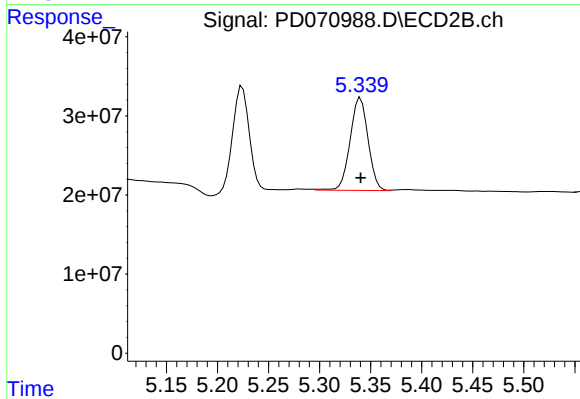
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 184219373
Conc: 6.17 ng/ml



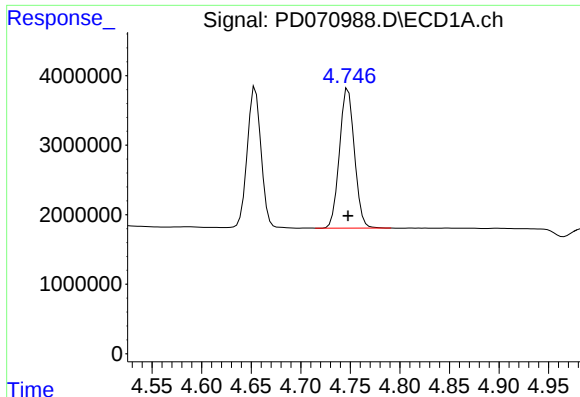
#4 Heptachlor

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 21102860
Conc: 5.07 ng/ml



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 143326618
Conc: 6.49 ng/ml



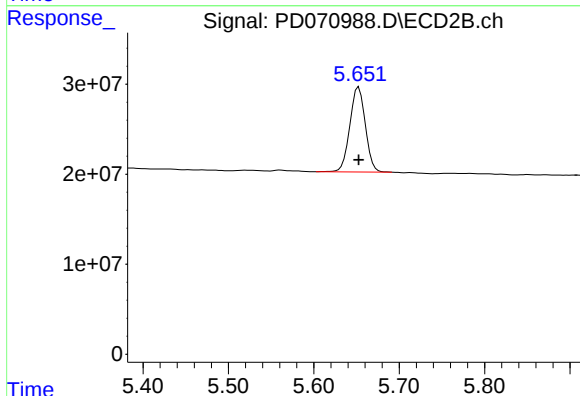
#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 21107641
Conc: 5.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

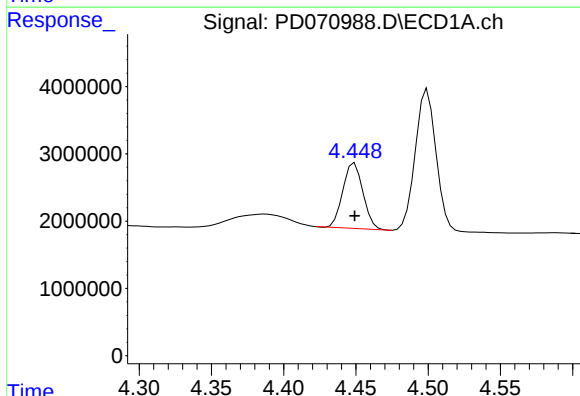
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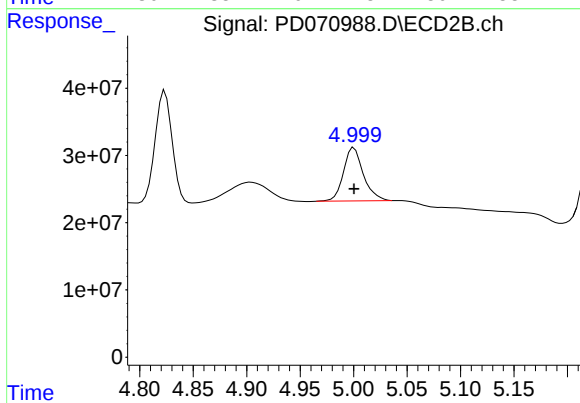
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 118710342
Conc: 6.41 ng/ml



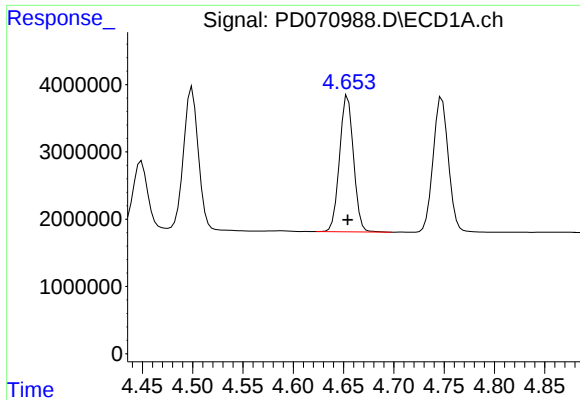
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 9374581
Conc: 5.61 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 103114518
Conc: 7.69 ng/ml



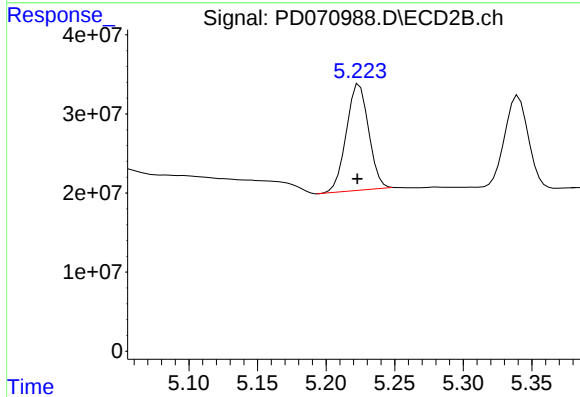
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 19542490
Conc: 4.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

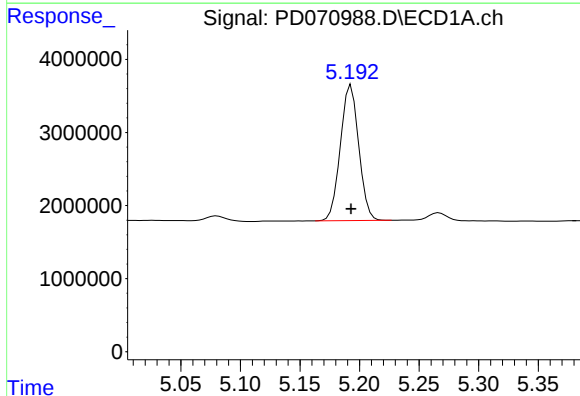
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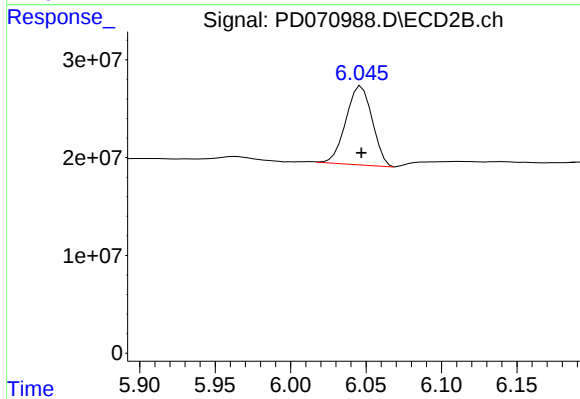
#7 delta-BHC

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 152000484
Conc: 6.41 ng/ml m



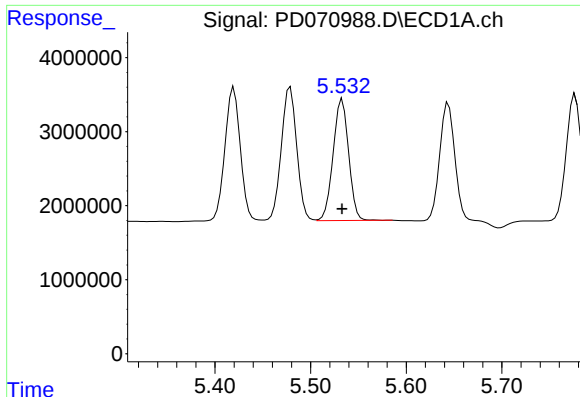
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 19893792
Conc: 5.31 ng/ml



#8 Heptachlor epoxide

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 97659528
Conc: 6.39 ng/ml m



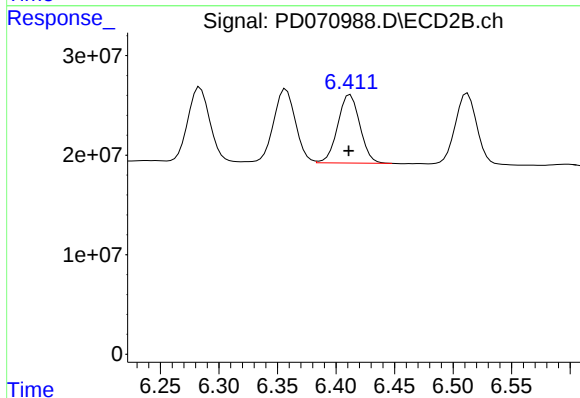
#9 Endosulfan I

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 18444452
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

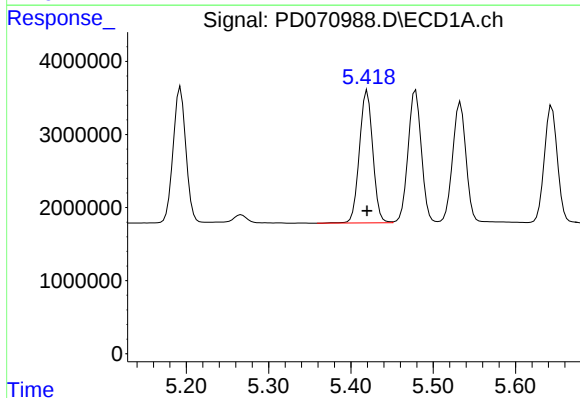
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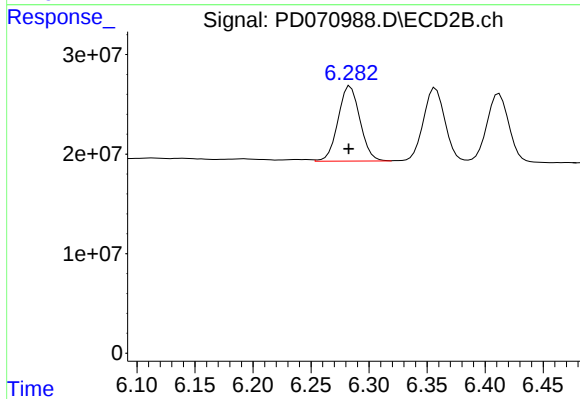
#9 Endosulfan I

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 90486605
Conc: 6.24 ng/ml m



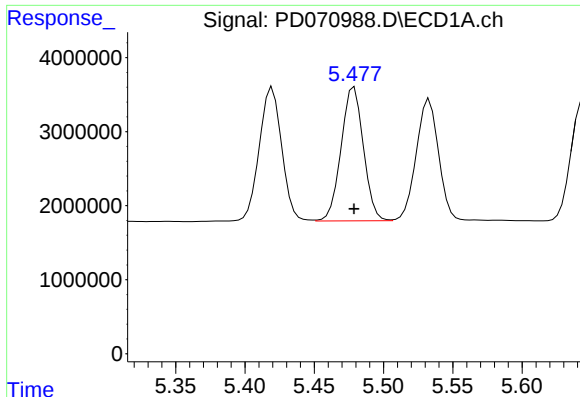
#10 gamma-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 20425484
Conc: 5.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 98791162
Conc: 6.28 ng/ml m



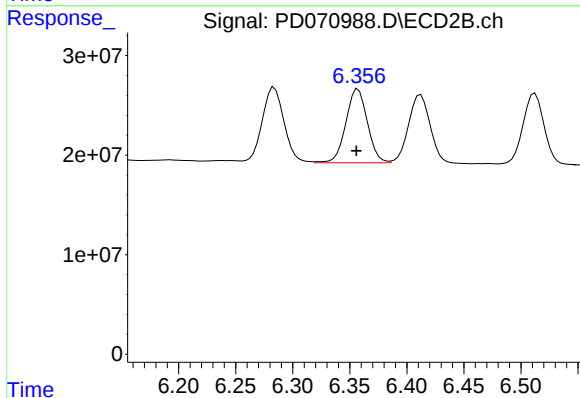
#11 alpha-Chlordane

R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 20306950
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

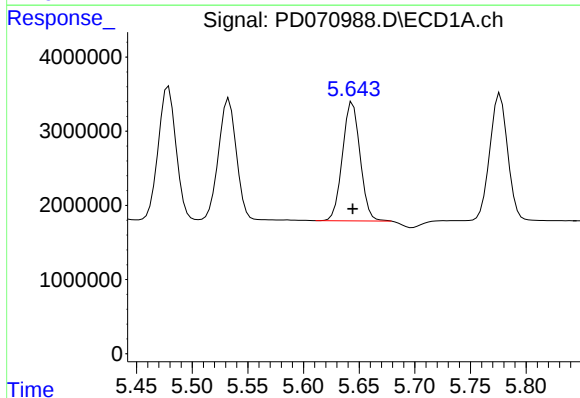
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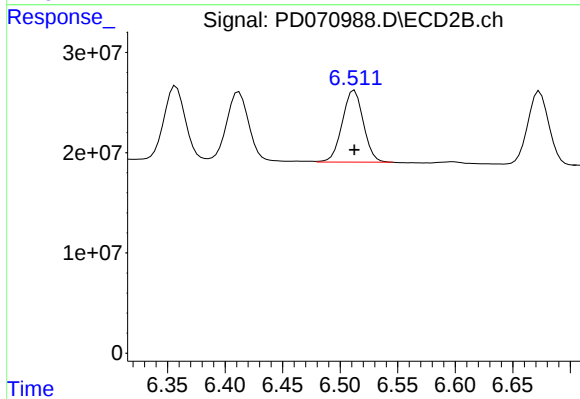
#11 alpha-Chlordane

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 97436109
Conc: 6.37 ng/ml m



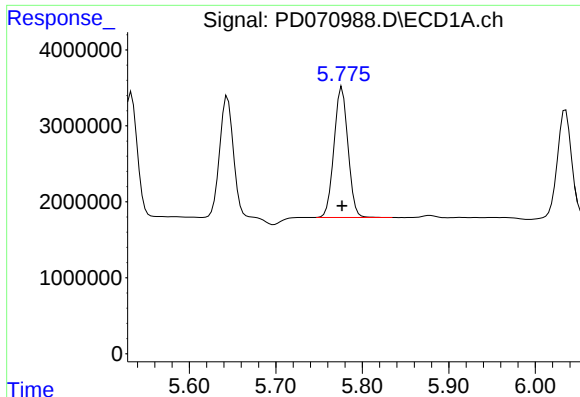
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 17662614
Conc: 5.02 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 90939136
Conc: 6.06 ng/ml



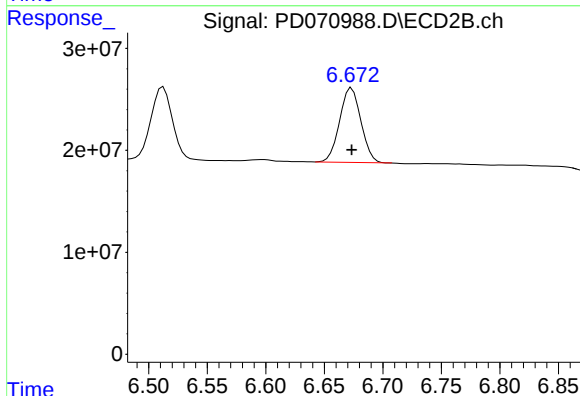
#13 Dieldrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 19172523
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

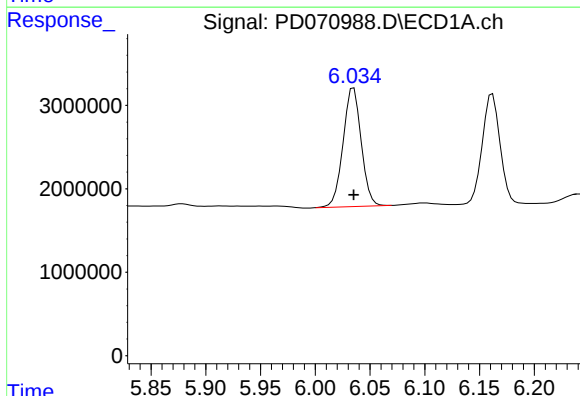
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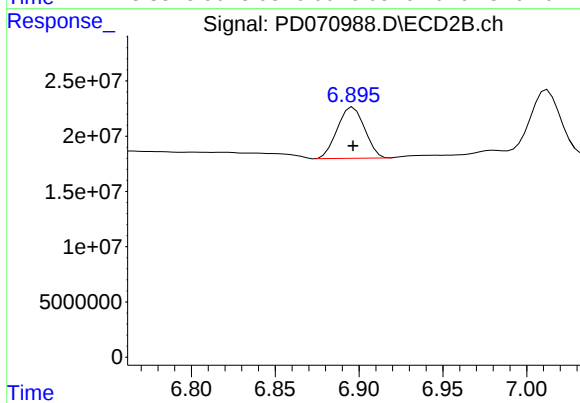
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 92394530
Conc: 6.05 ng/ml



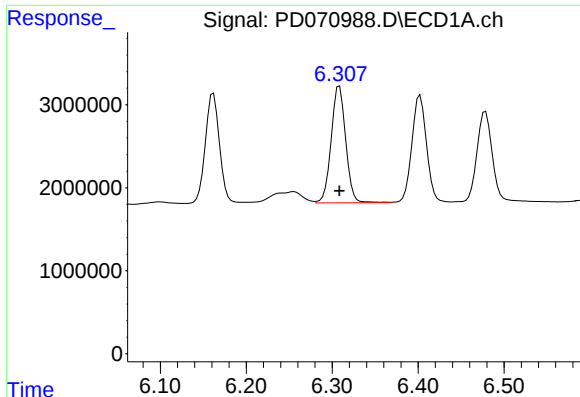
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 16357354
Conc: 5.24 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 52425155
Conc: 5.05 ng/ml



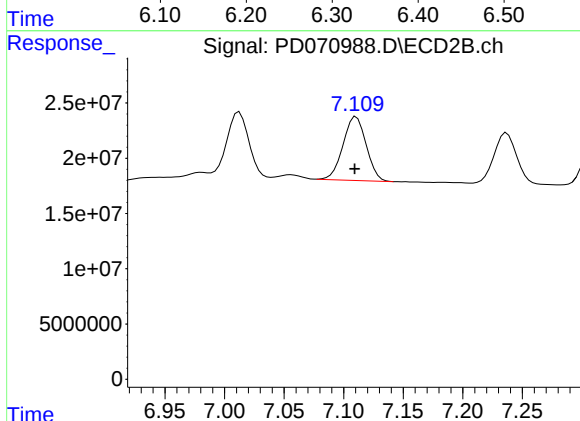
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 16455538
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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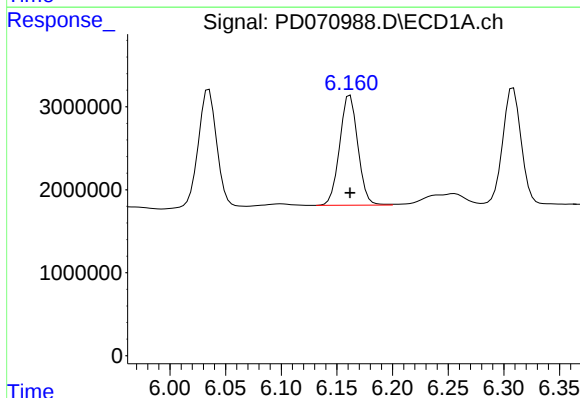
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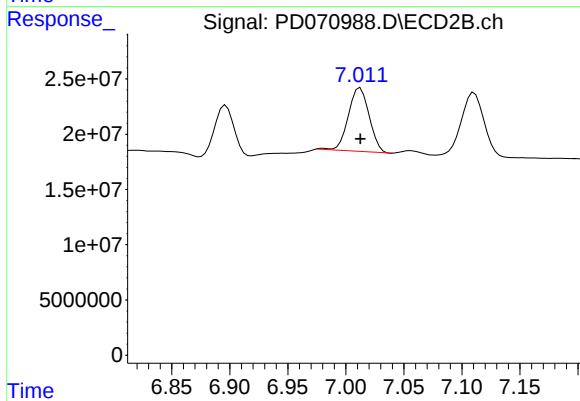
#15 Endosulfan II

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 78307211
Conc: 6.24 ng/ml m



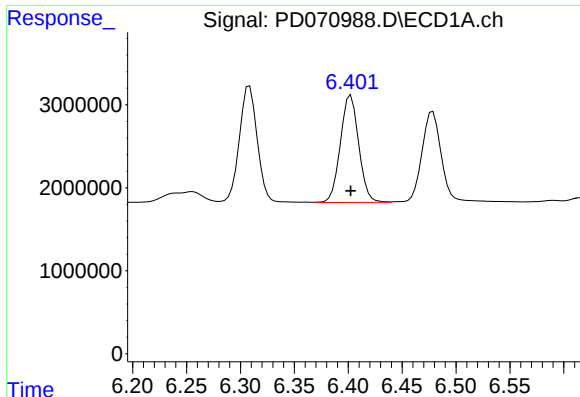
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 15113564
Conc: 5.15 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 71757461
Conc: 5.77 ng/ml



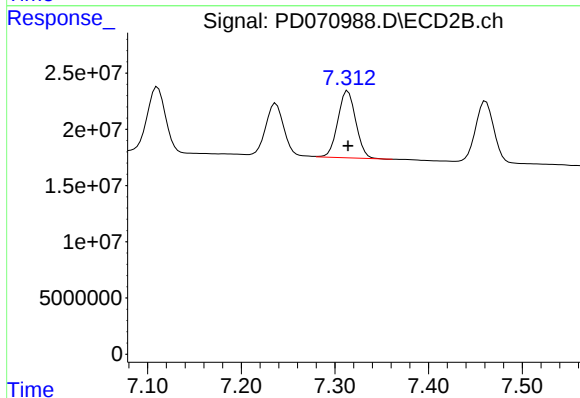
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 15350031
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

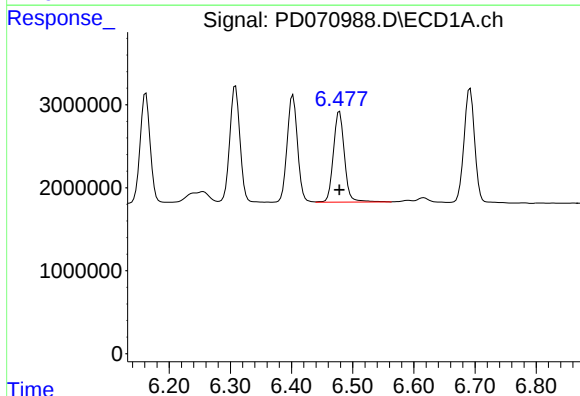
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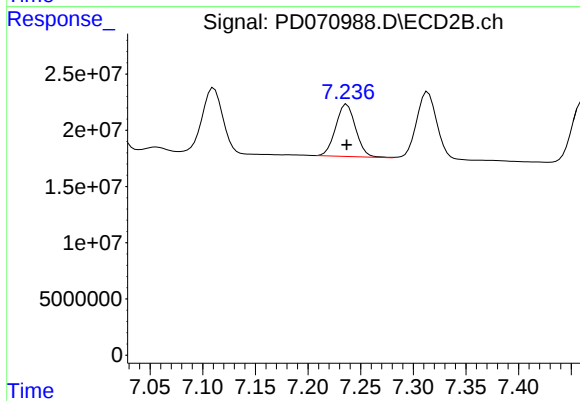
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 78821240
Conc: 5.89 ng/ml



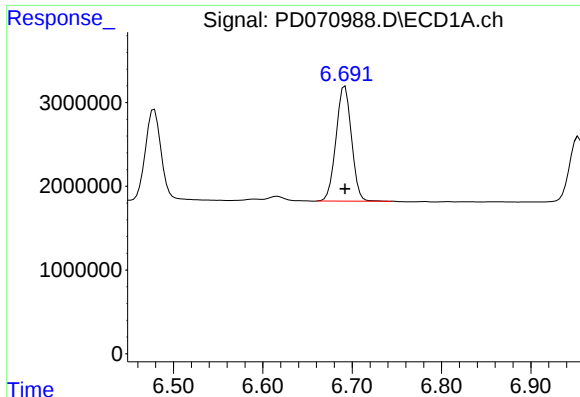
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 13757647
Conc: 5.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 61648733
Conc: 6.11 ng/ml



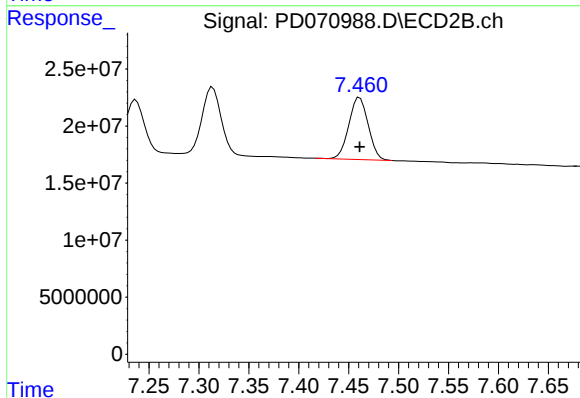
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 16489106
Conc: 5.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

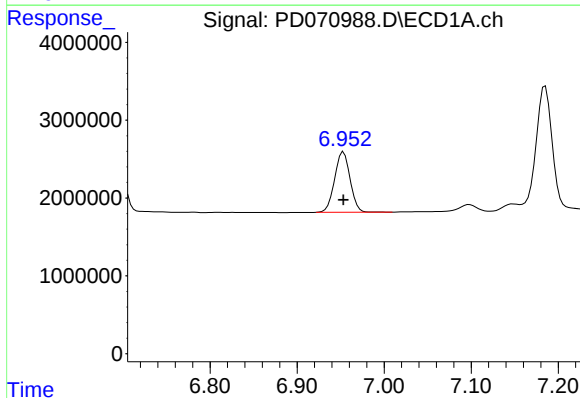
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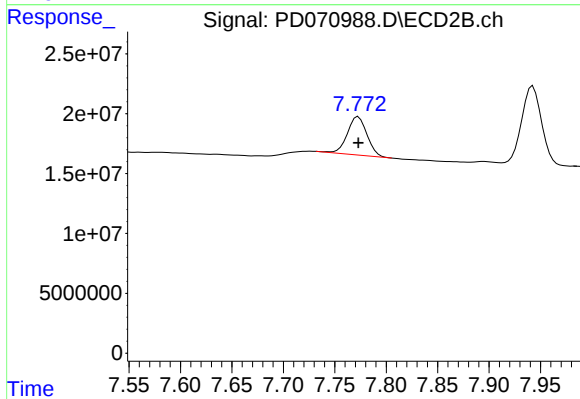
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 73196839
Conc: 6.06 ng/ml



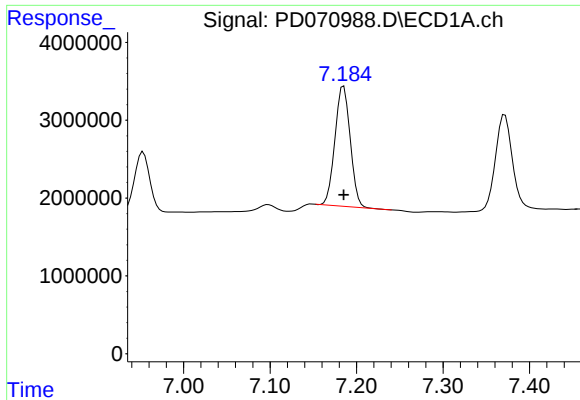
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 9595006
Conc: 5.80 ng/ml



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 42053927
Conc: 6.12 ng/ml



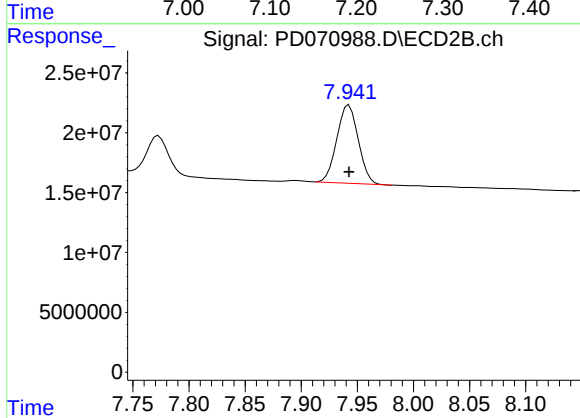
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 18808813
Conc: 5.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

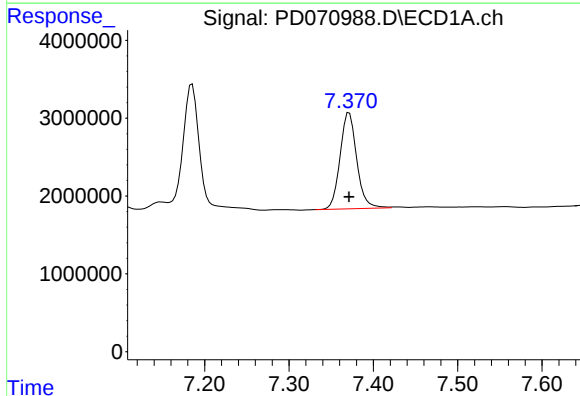
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Supervised By :Ankita Jodhani 07/20/2022



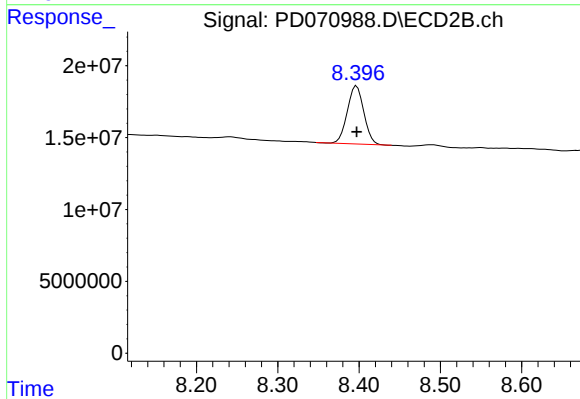
#21 Endrin ketone

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 86914891
Conc: 6.28 ng/ml



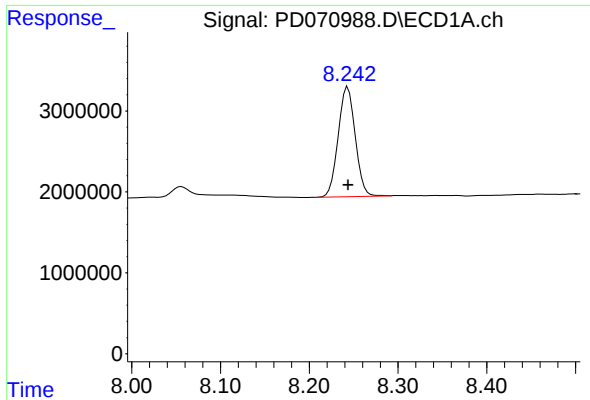
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 16978945
Conc: 6.12 ng/ml



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 56618343
Conc: 6.16 ng/ml



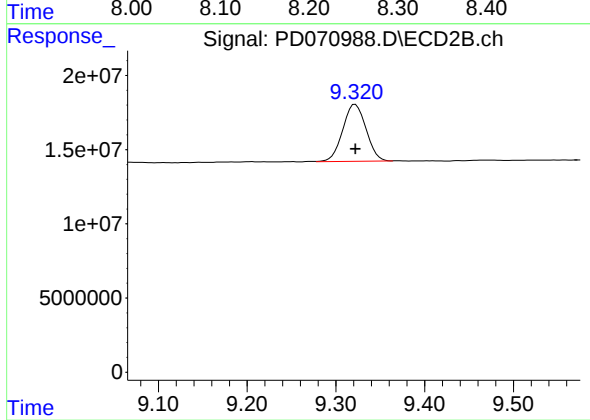
#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 18170835
Conc: 5.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/20/2022
Supervised By :Ankita Jodhani 07/20/2022



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 69992519
Conc: 6.14 ng/ml