

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
 Data File : PD068413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2022 22:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/09/2022
 Supervised By : Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 05:08:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.449	4.176	64341787	465.1E6	54.887	48.461
28) SA Decachlor...	8.210	9.371	66495528	294.8E6	57.141m	49.725
Target Compounds						
2) A alpha-BHC	3.889	4.572	100.2E6	684.9E6	58.375	49.913
3) MA gamma-BHC...	4.173	4.862	92072025	616.9E6	57.818	49.754
4) MA Heptachlor	4.471	5.389	87834297	571.6E6	58.182	50.461
5) MB Aldrin	4.719	5.702	90258446	578.4E6	57.629	48.918
6) B beta-BHC	4.423	5.025	38910614	266.1E6	55.455	49.224
7) B delta-BHC	4.627	5.250	93880797	619.9E6	58.185	49.840
8) B Heptachlo...	5.164	6.090	82620127	578.7E6	56.671	53.993
9) A Endosulfan I	5.502	6.453	77033889	475.3E6	56.486	49.263
10) B gamma-Chl...	5.390	6.325	85092909	521.7E6	57.161	49.334m
11) B alpha-Chl...	5.448	6.400	83695505	495.3E6	56.958	48.052m
12) B 4,4'-DDE	5.615	6.552	81558846	474.6E6	59.793	48.543
13) MA Dieldrin	5.746	6.711	84438767	501.8E6	57.423	48.698
14) MA Endrin	6.004	6.931	70326418	327.2E6	56.929	42.545 #
15) B Endosulfa...	6.278	7.136	72557562	395.7E6	57.028	48.153
16) A 4,4'-DDD	6.132	7.042	69560884	390.0E6	58.655	49.560
17) MA 4,4'-DDT	6.373	7.345	66362033	364.1E6	60.177	51.461
18) B Endrin al...	6.448	7.260	52432475	293.1E6	57.209	48.707
19) B Endosulfa...	6.661	7.485	72643565	382.4E6	57.644	49.148
20) A Methoxychlor	6.924	7.798	37545028	178.6E6	57.860	51.403
21) B Endrin ke...	7.152	7.960	85277219	415.2E6	57.922m	49.455
22) Mirex	7.339	8.426	70057376	304.4E6	55.272	47.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
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ClientSampleId :

PSTDCCC050

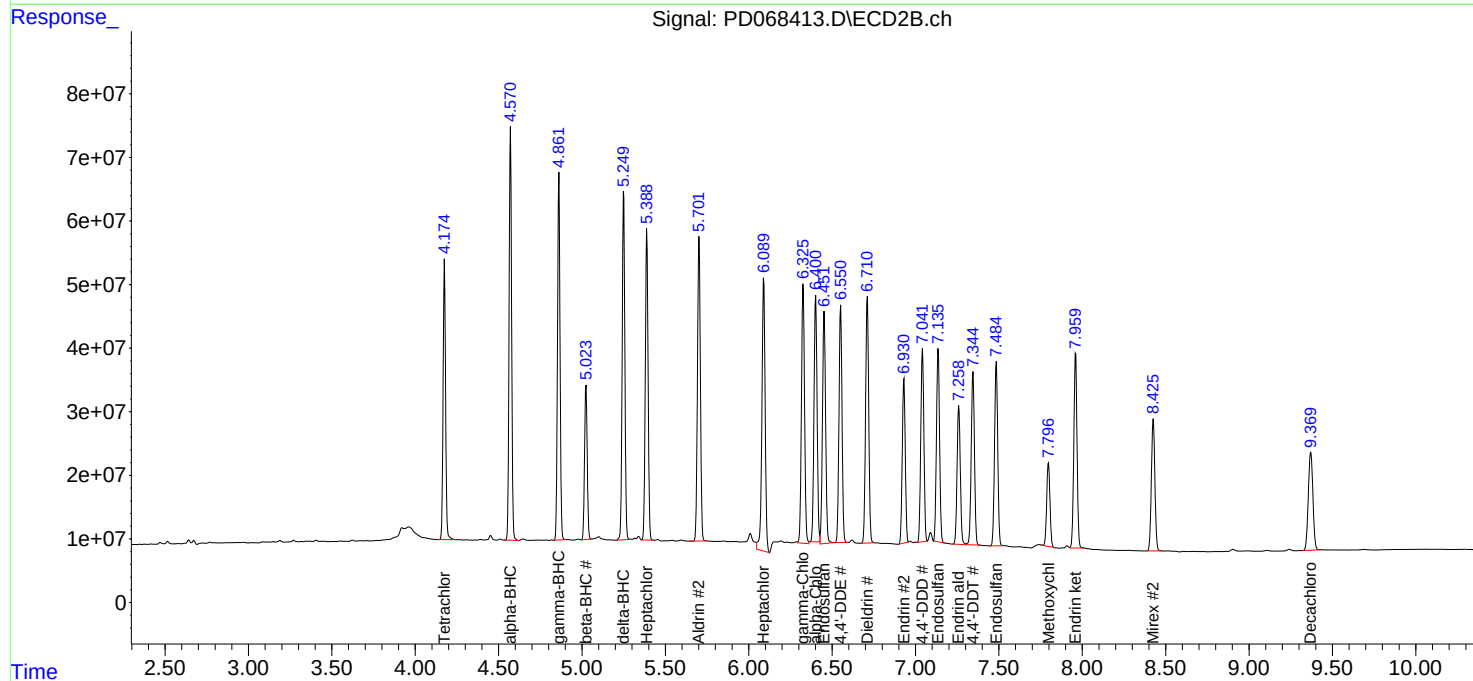
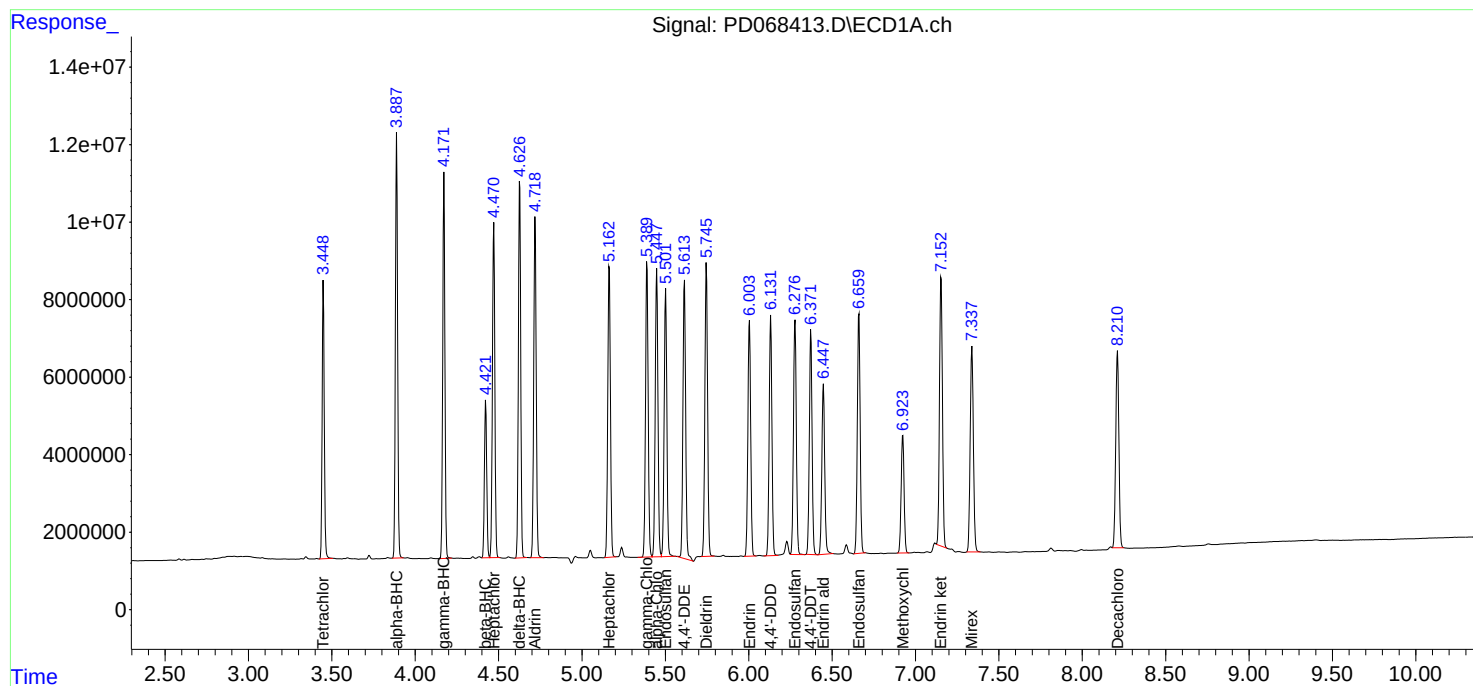
Manual Integrations

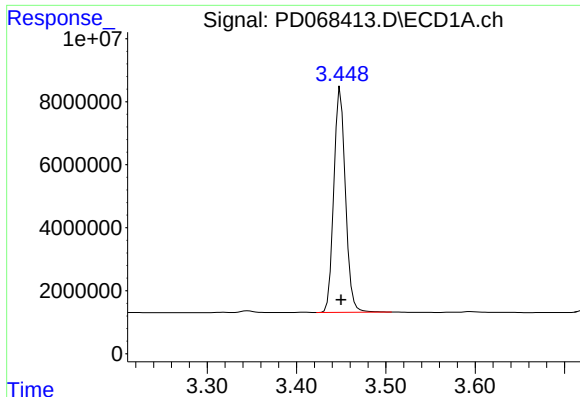
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 Supervised By : Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 05:08:00 2022
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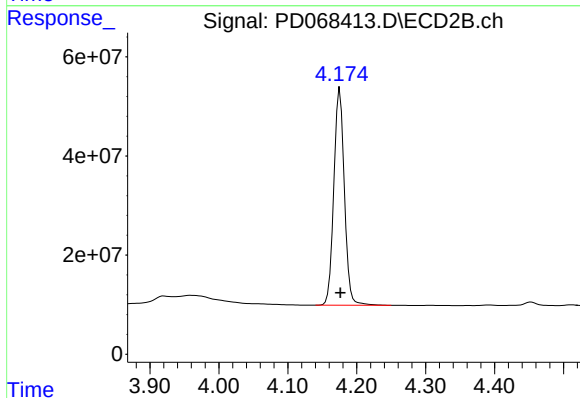
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 64341787
Conc: 54.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

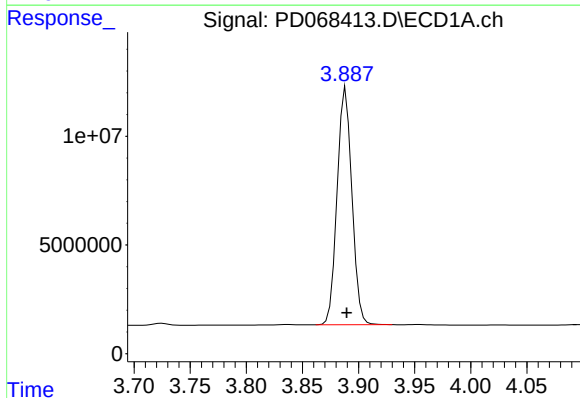
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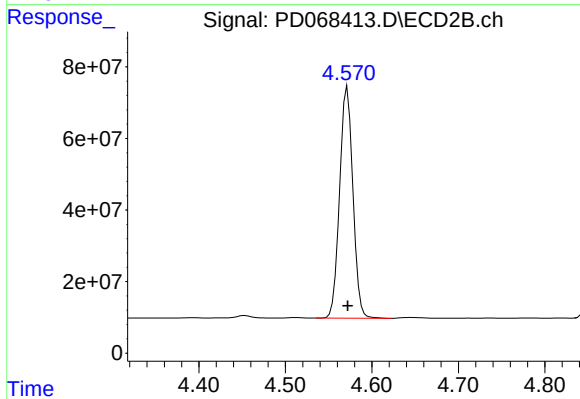
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 465131952
Conc: 48.46 ng/ml



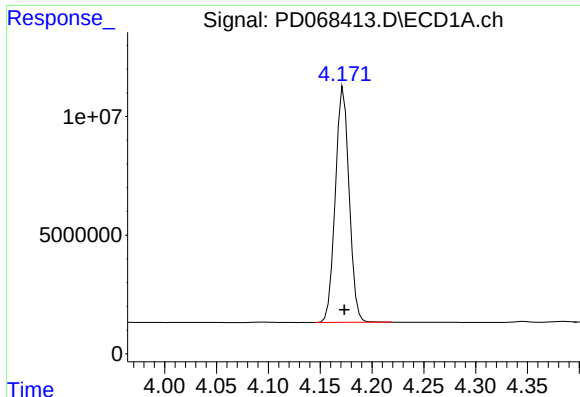
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 100166238
Conc: 58.37 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 684877131
Conc: 49.91 ng/ml



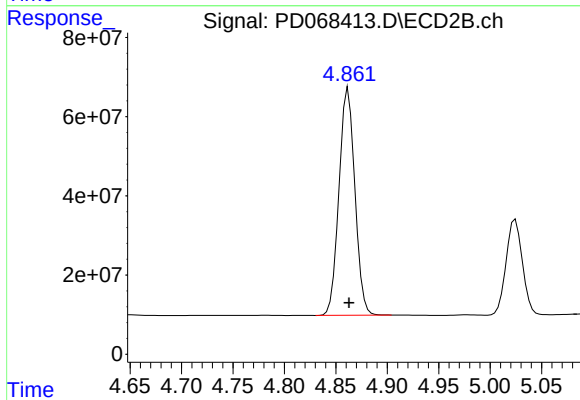
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 92072025
Conc: 57.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

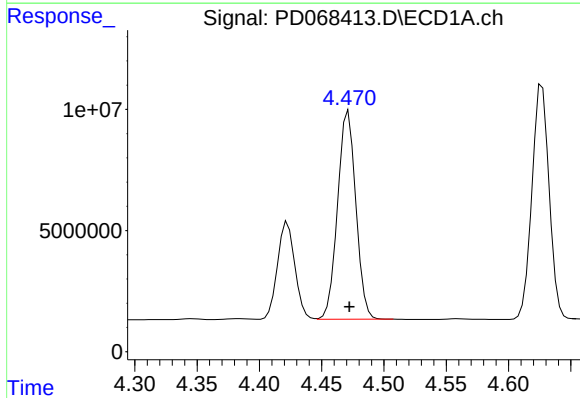
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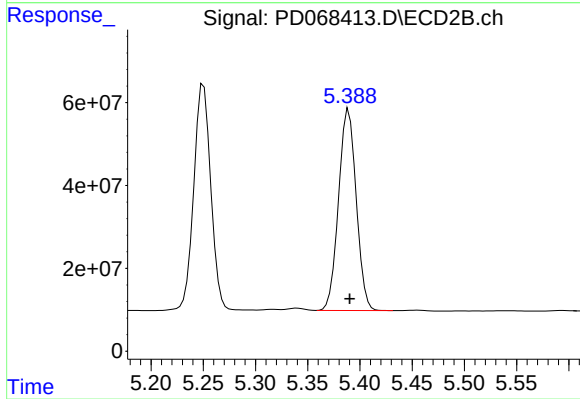
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: -0.001 min
Response: 616936068
Conc: 49.75 ng/ml



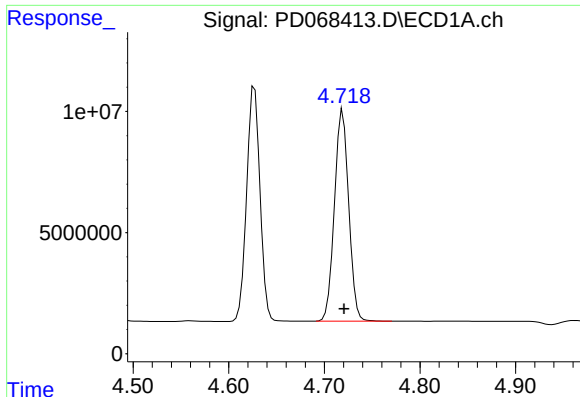
#4 Heptachlor

R.T.: 4.471 min
Delta R.T.: -0.001 min
Response: 87834297
Conc: 58.18 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 571556255
Conc: 50.46 ng/ml



#5 Aldrin

R.T.: 4.719 min
Delta R.T.: -0.001 min
Response: 90258446
Conc: 57.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

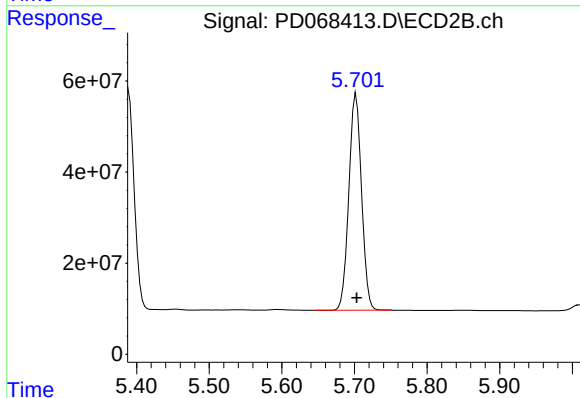
PSTDCCC050

Manual Integrations

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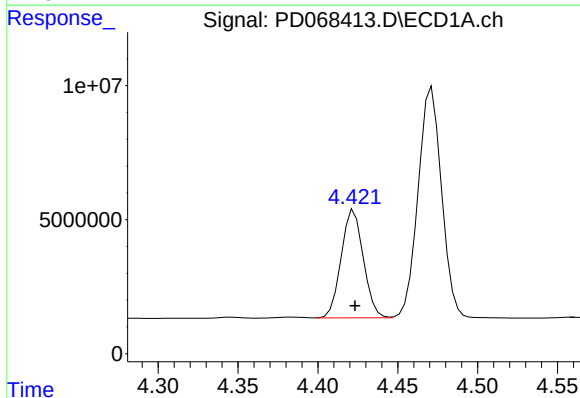
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Supervised By :Ankita Jodhani 03/09/2022



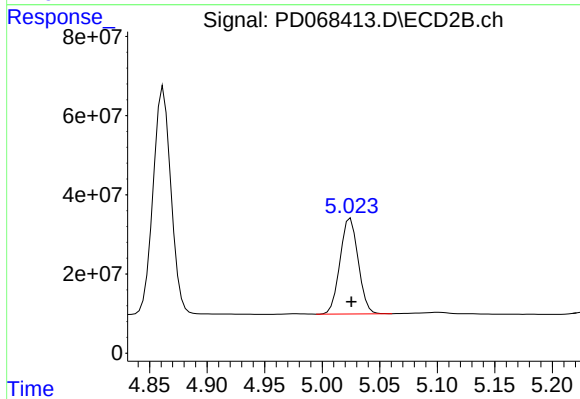
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 578391376
Conc: 48.92 ng/ml



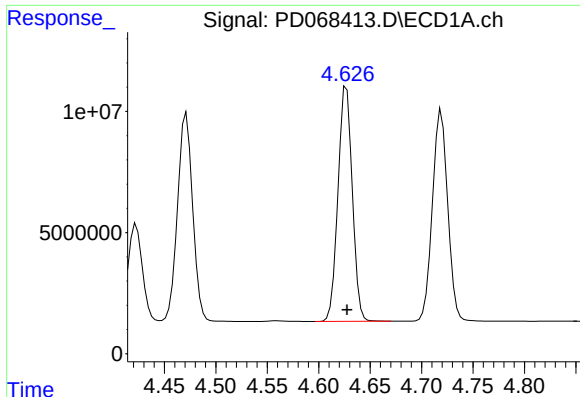
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 38910614
Conc: 55.46 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 266081255
Conc: 49.22 ng/ml



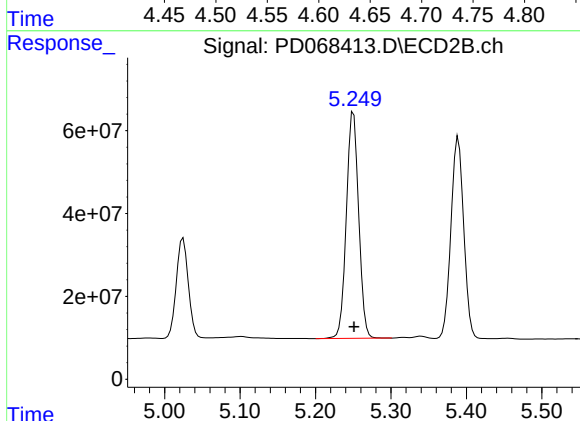
#7 delta-BHC

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 93880797
Conc: 58.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

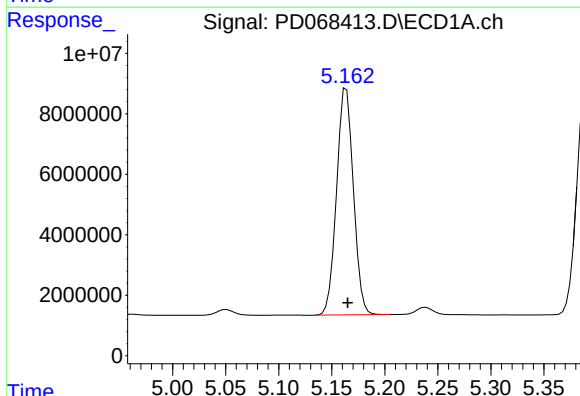
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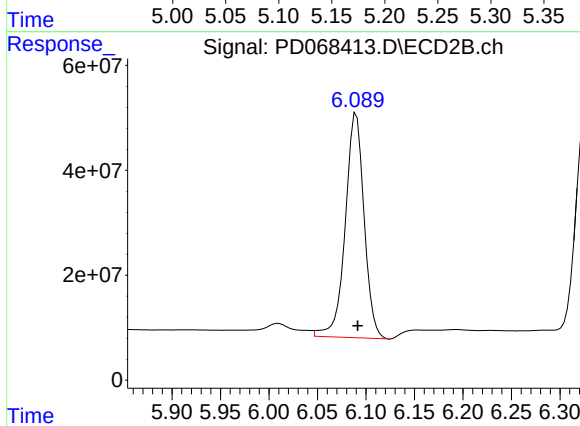
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 619918695
Conc: 49.84 ng/ml



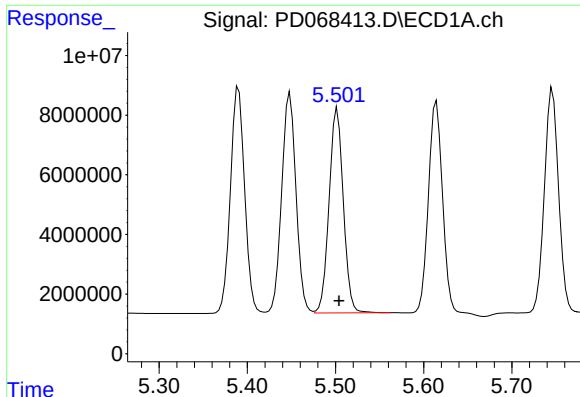
#8 Heptachlor epoxide

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 82620127
Conc: 56.67 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 578681019
Conc: 53.99 ng/ml



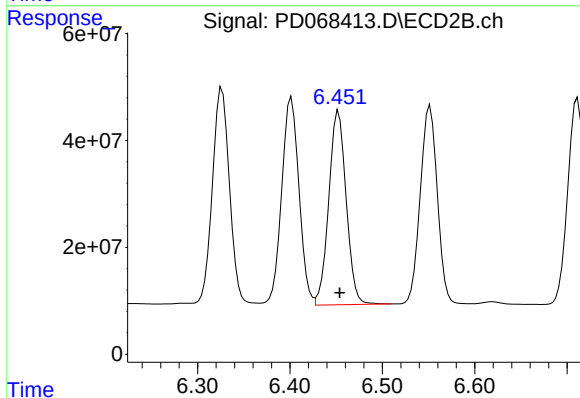
#9 Endosulfan I

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 77033889
Conc: 56.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

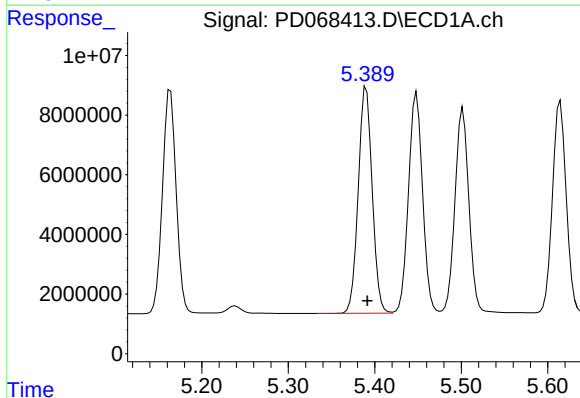
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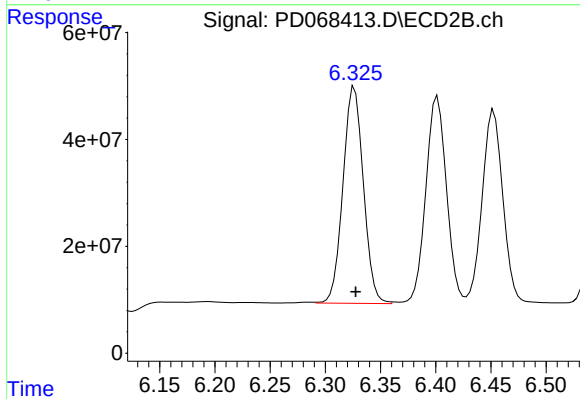
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 475344825
Conc: 49.26 ng/ml



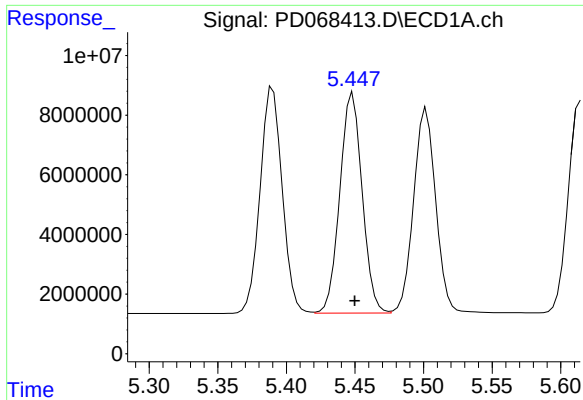
#10 gamma-Chlordane

R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 85092909
Conc: 57.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 521653241
Conc: 49.33 ng/ml m



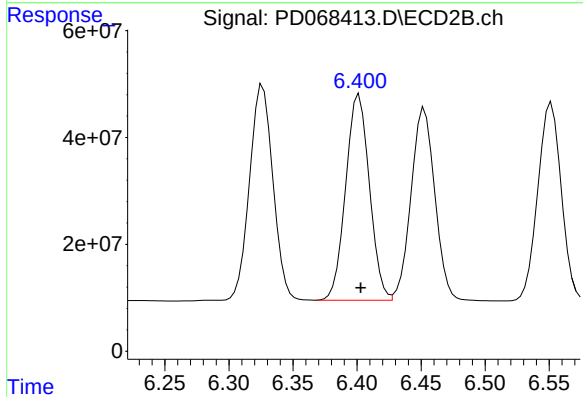
#11 alpha-Chlordane

R.T.: 5.448 min
Delta R.T.: -0.002 min
Response: 83695505
Conc: 56.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

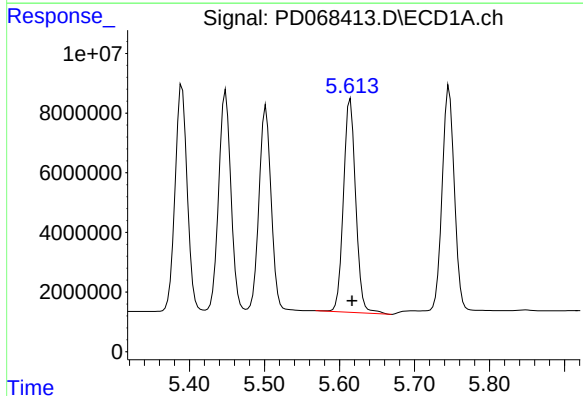
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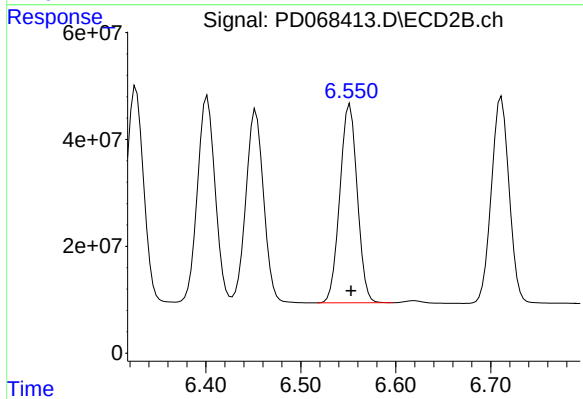
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 495288012
Conc: 48.05 ng/ml m



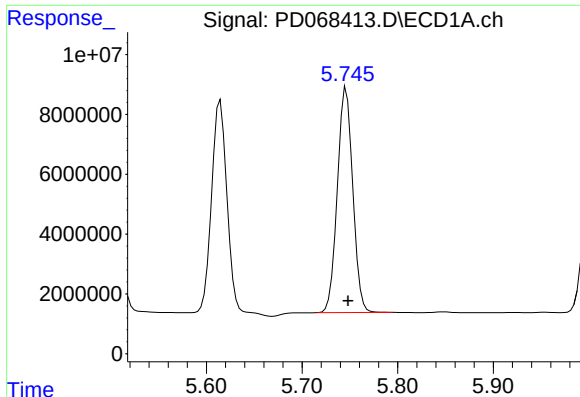
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 81558846
Conc: 59.79 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 474567428
Conc: 48.54 ng/ml



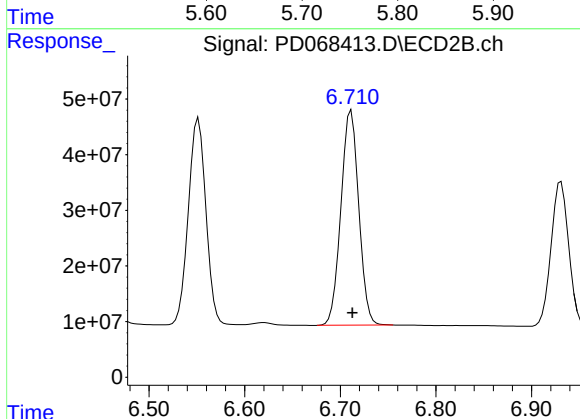
#13 Dieldrin

R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 84438767
Conc: 57.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

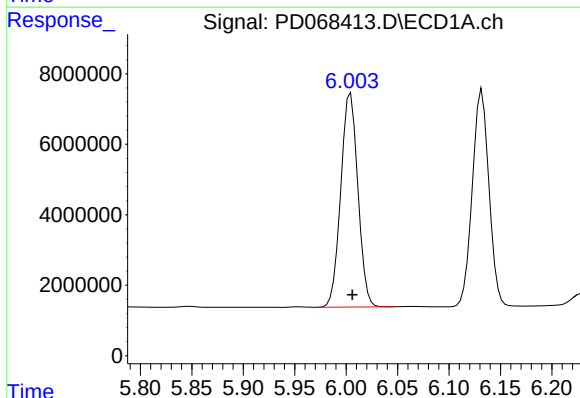
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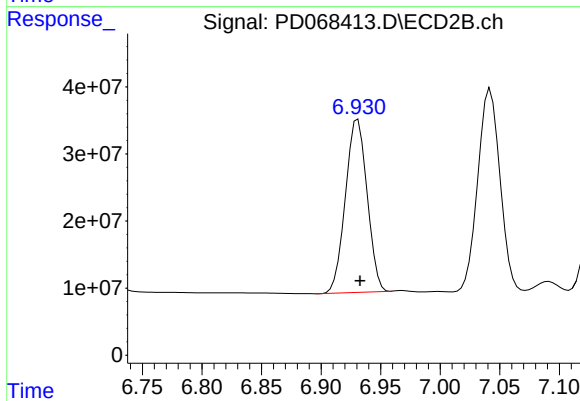
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: -0.001 min
Response: 501841967
Conc: 48.70 ng/ml



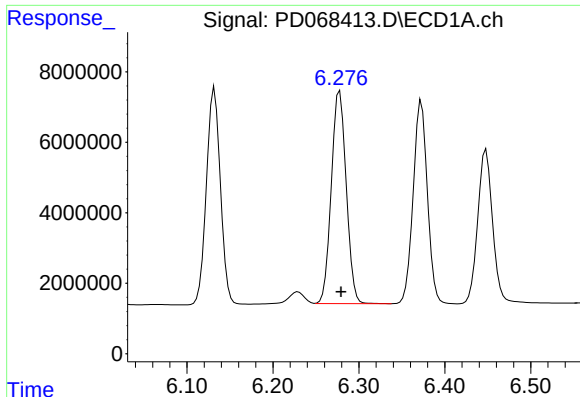
#14 Endrin

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 70326418
Conc: 56.93 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 327196910
Conc: 42.55 ng/ml



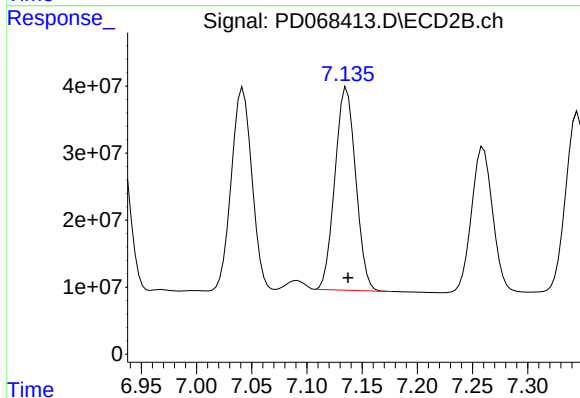
#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 72557562
Conc: 57.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

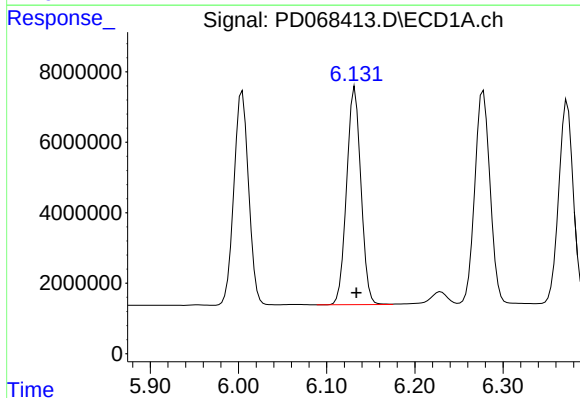
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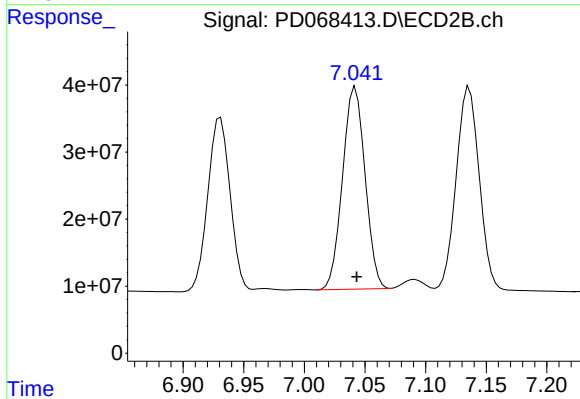
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 395684739
Conc: 48.15 ng/ml



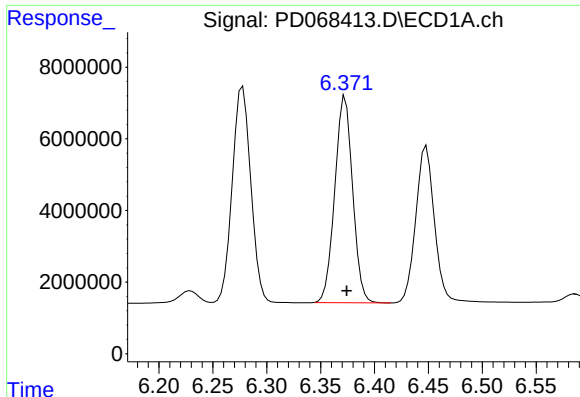
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 69560884
Conc: 58.66 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: -0.001 min
Response: 390040870
Conc: 49.56 ng/ml



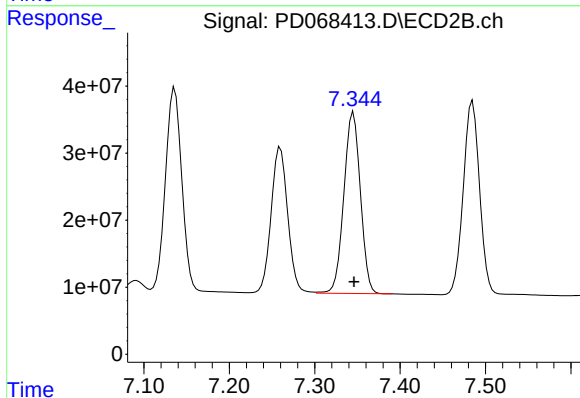
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 66362033
Conc: 60.18 ng/ml

Instrument :
ECD_D
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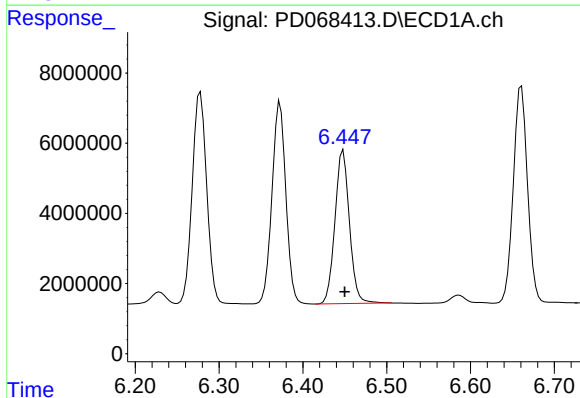
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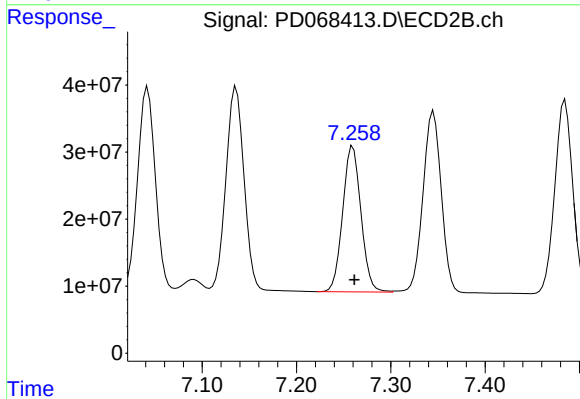
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 364109689
Conc: 51.46 ng/ml



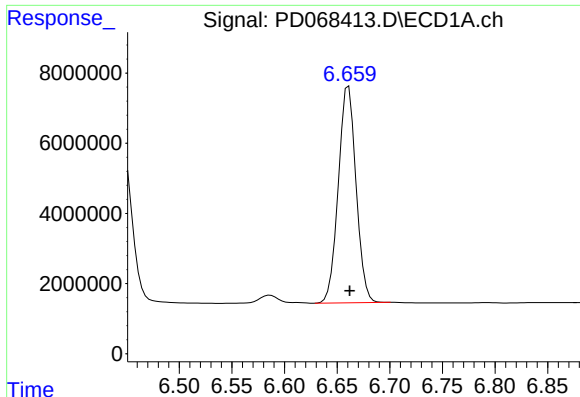
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 52432475
Conc: 57.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 293096639
Conc: 48.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: -0.001 min
Response: 72643565
Conc: 57.64 ng/ml

Instrument :

ECD_D

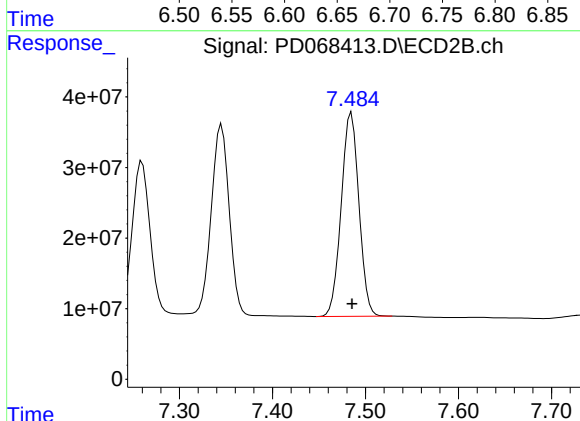
ClientSampleId :

PSTDCCC050

Manual Integrations

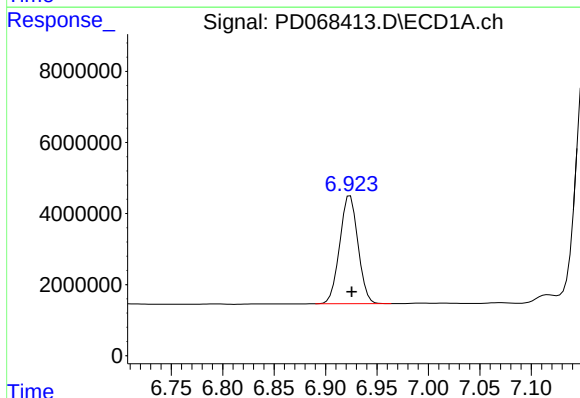
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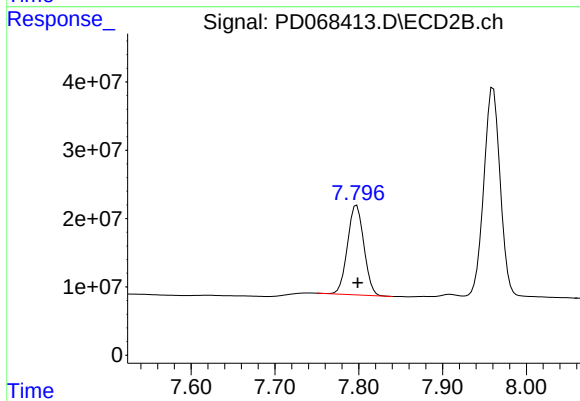
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 382383240
Conc: 49.15 ng/ml



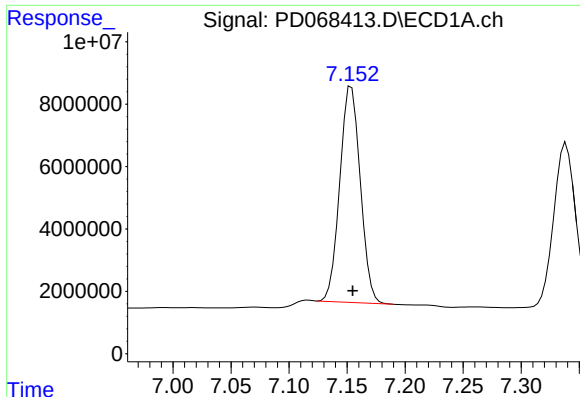
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 37545028
Conc: 57.86 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 178597356
Conc: 51.40 ng/ml



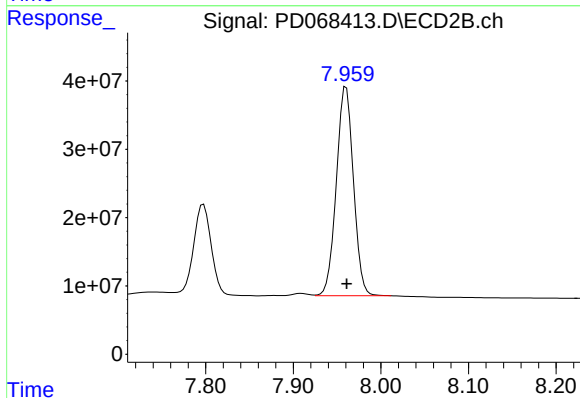
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 85277219
Conc: 57.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

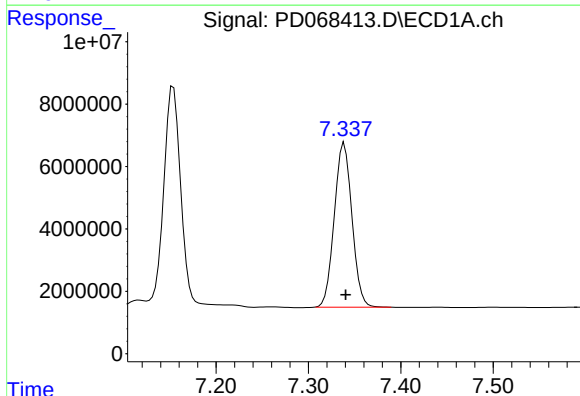
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Reviewed By :Abdul Mirza 03/09/2022
Supervised By :Ankita Jodhani 03/09/2022



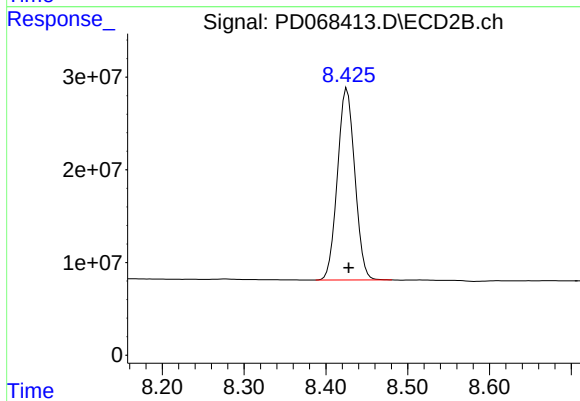
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 415166097
Conc: 49.46 ng/ml



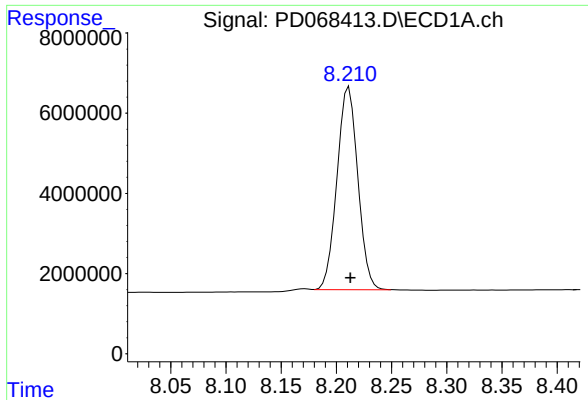
#22 Mirex

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 70057376
Conc: 55.27 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 304354291
Conc: 47.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 66495528
Conc: 57.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

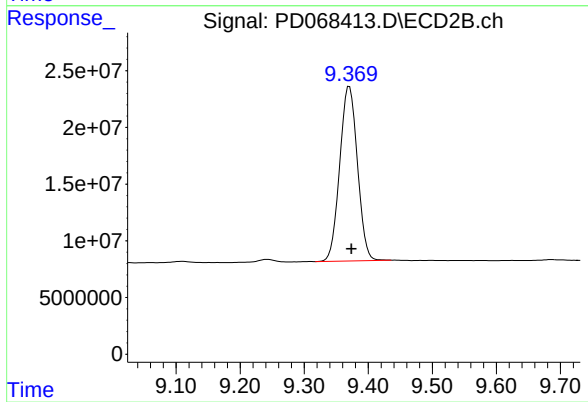
PSTDCCC050

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.003 min
Response: 294811338
Conc: 49.73 ng/ml