

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 19:51
 Operator : AR\AJ
 Sample : N3176-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NEWARK-SPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 05:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 08 02:48:31 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...	3.441	4.168	23108595	201.9E6	21.285	20.688
28)	SA Decachlor...	8.192	9.361	20927552	128.4E6	18.818	20.878
Target Compounds							
2)	A alpha-BHC	3.879	4.564	89053827	741.2E6	54.447	50.858
3)	MA gamma-BHC...	4.162	4.855	83263286	685.3E6	54.073	50.790
4)	MA Heptachlor	4.459	5.382	81057610	675.1E6	52.418	51.571
5)	MB Aldrin	4.706	5.694	79944931	683.9E6	54.359	53.461
6)	B beta-BHC	4.413	5.019	35448294	286.1E6	49.273	46.985
7)	B delta-BHC	4.616	5.244	82127505	571.6E6	53.051	62.967
8)	B Heptachlo...	5.150	6.082	73018126	548.0E6	53.248	66.520
9)	A Endosulfan I	5.488	6.445	65818452	561.3E6	50.283	53.004
10)	B gamma-Chl...	5.375	6.319	74238300	611.2E6	53.428	53.180
11)	B alpha-Chl...	5.434	6.393	72480614	588.1E6	52.346	52.024
12)	B 4,4'-DDE	5.599	6.544	67975658	545.2E6	54.353	52.004
13)	MA Dieldrin	5.732	6.703	75812886	581.9E6	56.292	53.239
14)	MA Endrin	5.989	6.923	65495995	485.1E6	54.386	57.794
15)	B Endosulfa...	6.263	7.129	62632777	463.1E6	55.475	54.780
16)	A 4,4'-DDD	6.117	7.035	57998870	458.4E6	53.402	54.506
17)	MA 4,4'-DDT	6.357	7.336	57188415	446.6E6	53.905	52.034m
18)	B Endrin al...	6.433	7.253	50083457	363.5E6	54.119	52.968
19)	B Endosulfa...	6.646	7.478	59732488	440.1E6	50.470	52.840
20)	A Methoxychlor	6.906	7.792	32417055	225.6E6	52.580	53.513
21)	B Endrin ke...	7.139	7.953	70270412	460.7E6	52.204	53.096
22)	Mirex	7.321	8.418	51767062	329.8E6	49.568	53.681

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
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 Acq On : 07 Jun 2022 19:51
 Operator : AR\AJ
 Sample : N3176-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

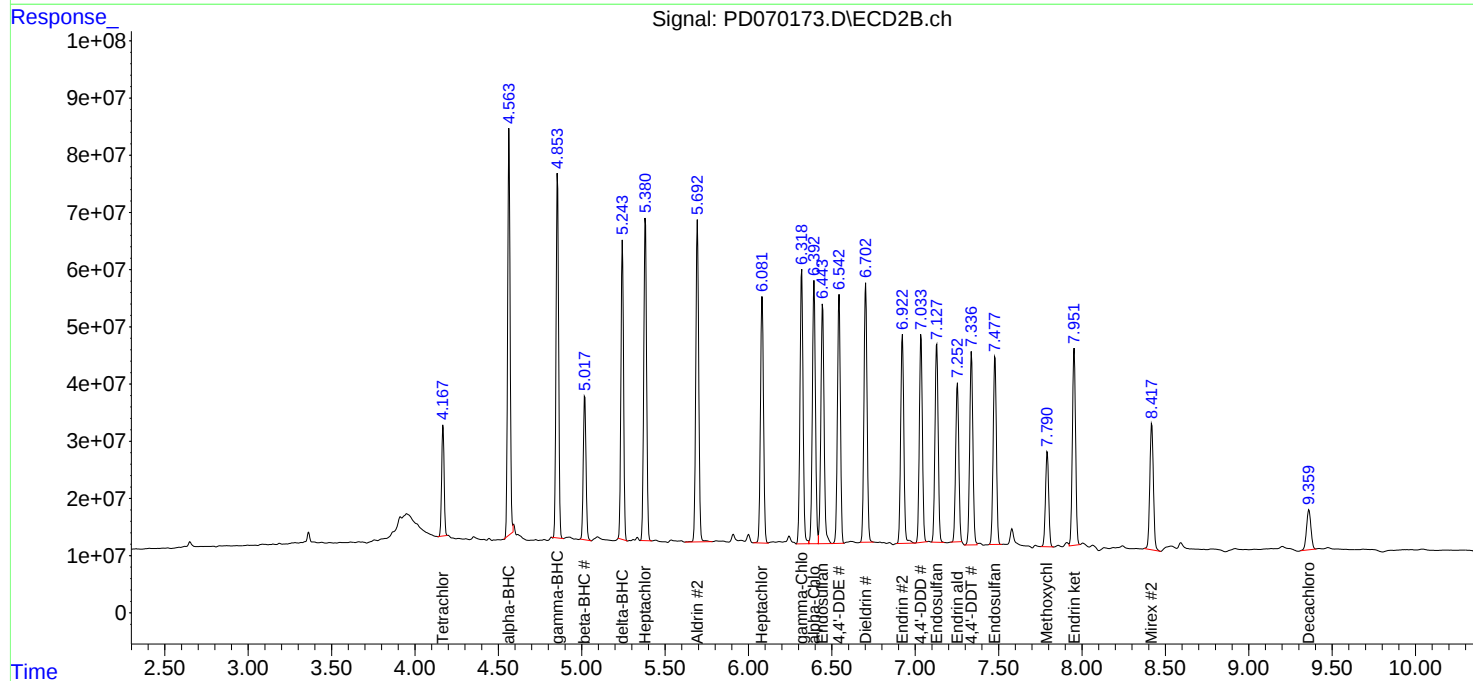
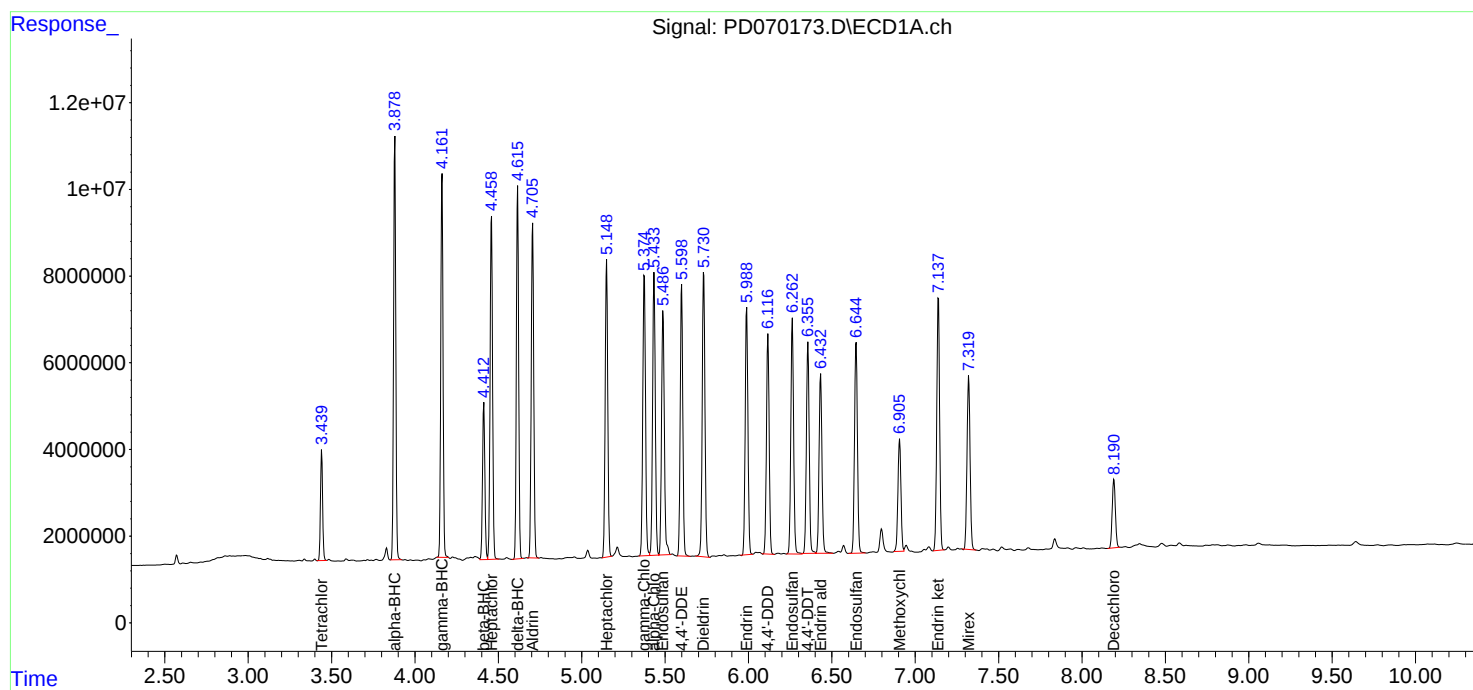
Instrument :
 ECD_D
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 NEWARK-SPMSD

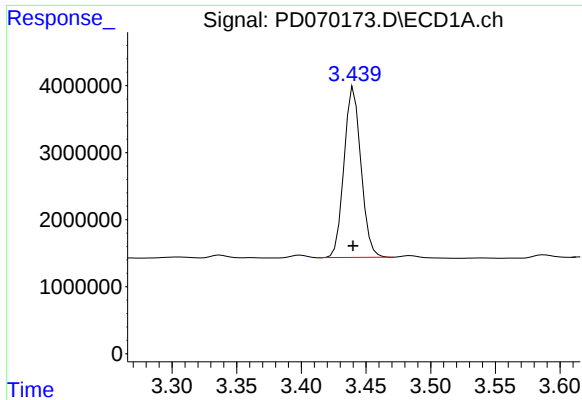
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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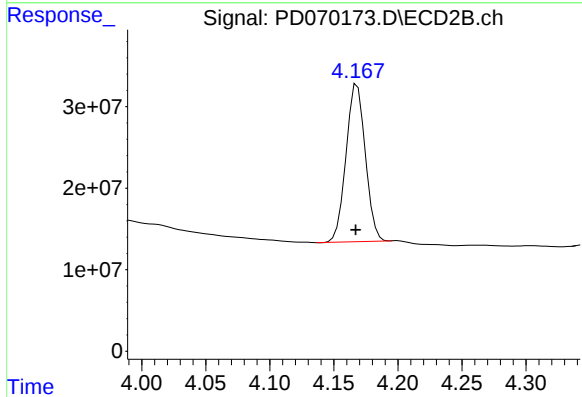
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 23108595
Conc: 21.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

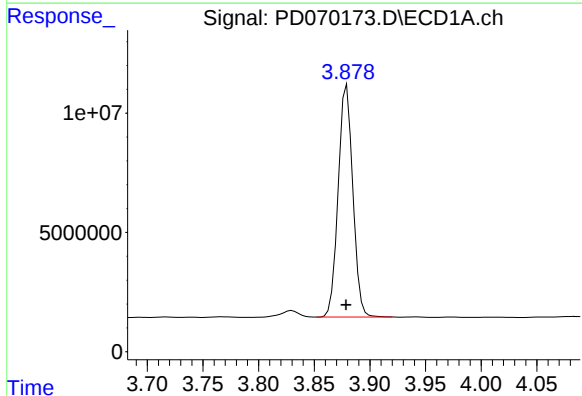
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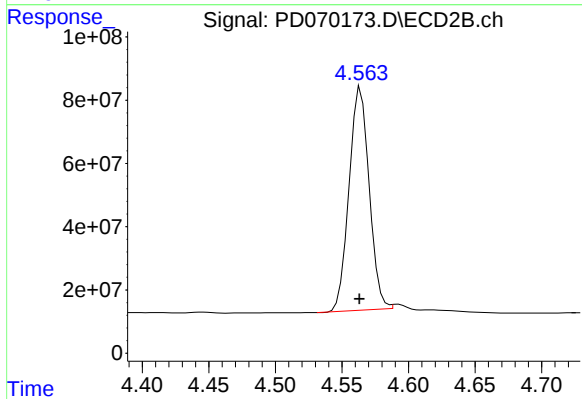
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 201945614
Conc: 20.69 ng/ml



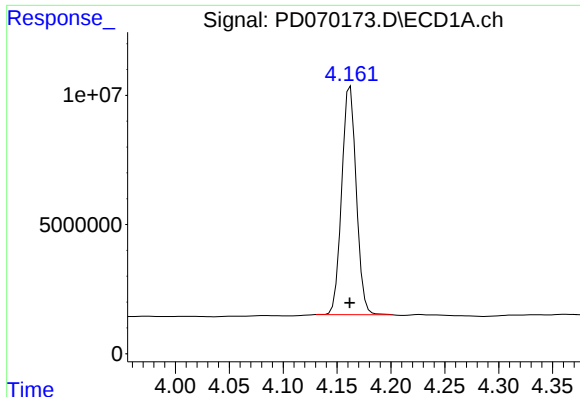
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 89053827
Conc: 54.45 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 741216869
Conc: 50.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 83263286
Conc: 54.07 ng/ml

Instrument :

ECD_D

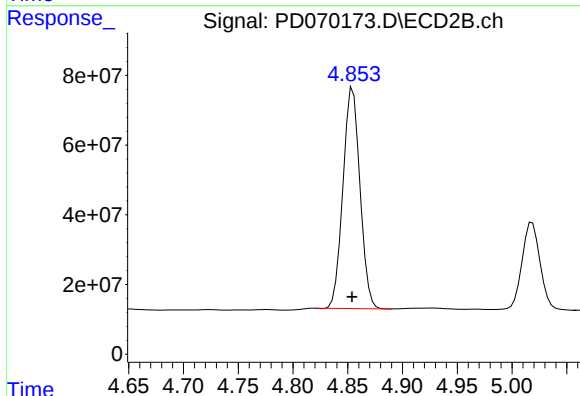
ClientSampleId :

NEWARK-SPMSD

Manual Integrations

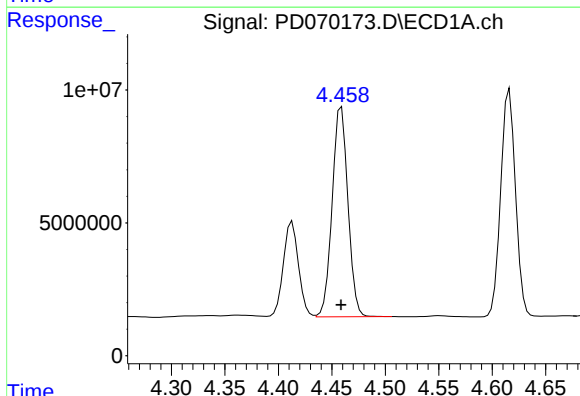
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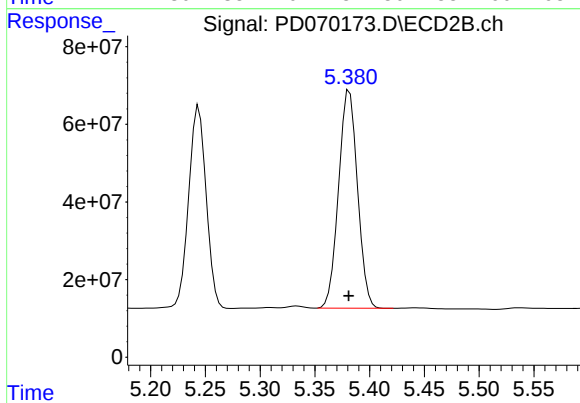
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 685345703
Conc: 50.79 ng/ml



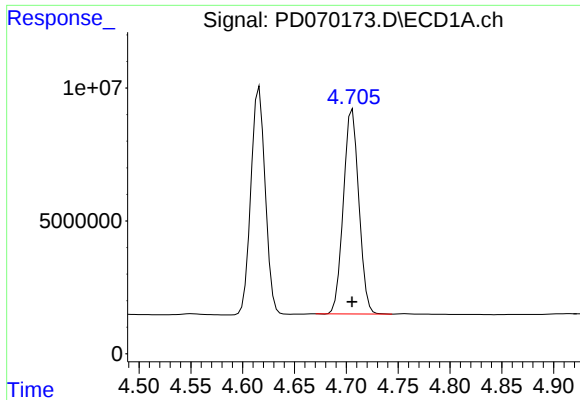
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 81057610
Conc: 52.42 ng/ml



#4 Heptachlor

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 675057269
Conc: 51.57 ng/ml



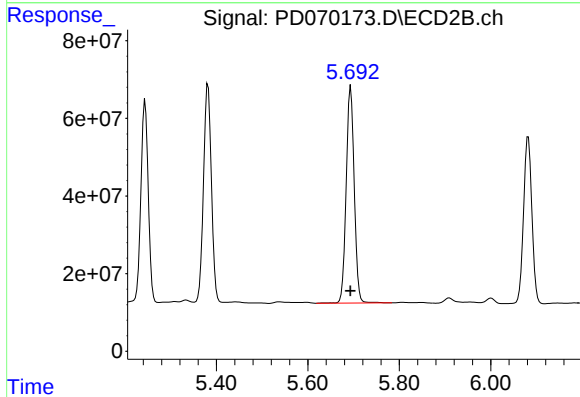
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 79944931
Conc: 54.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

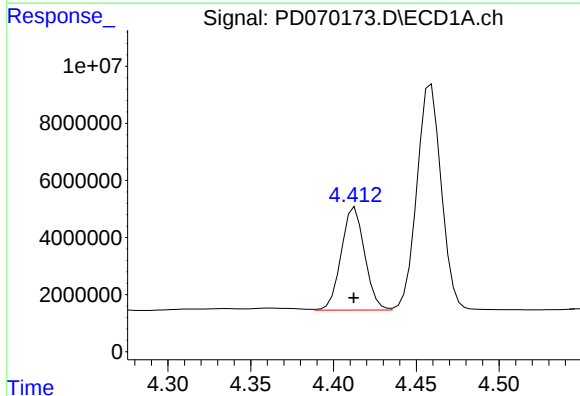
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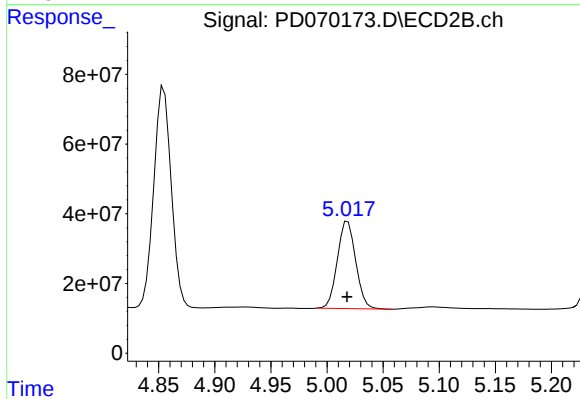
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 683866929
Conc: 53.46 ng/ml



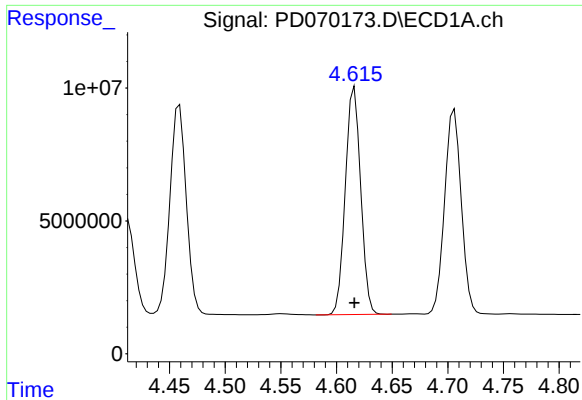
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 35448294
Conc: 49.27 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 286054328
Conc: 46.99 ng/ml



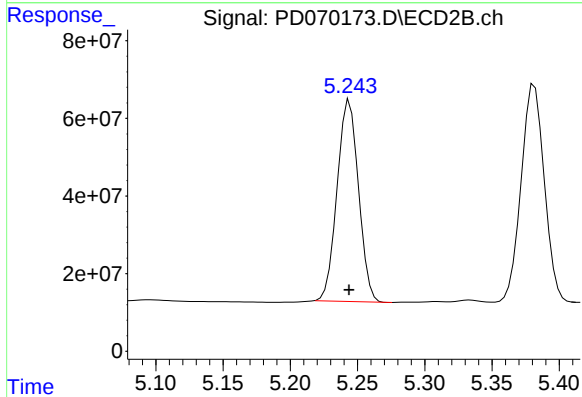
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 82127505
Conc: 53.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

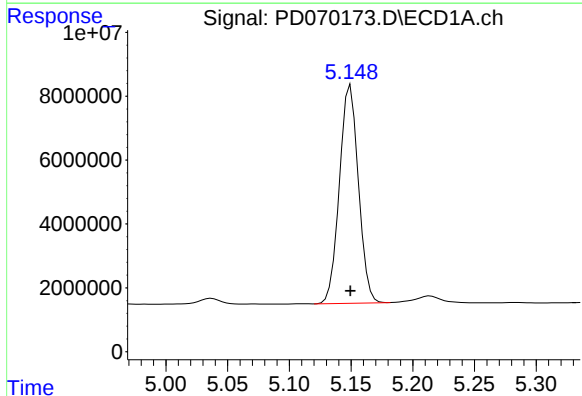
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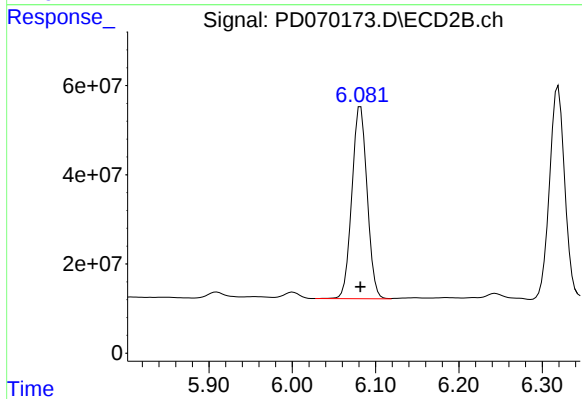
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 571576575
Conc: 62.97 ng/ml



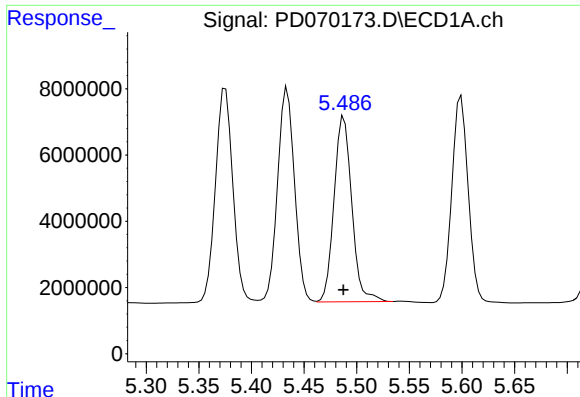
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 73018126
Conc: 53.25 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 548008599
Conc: 66.52 ng/ml



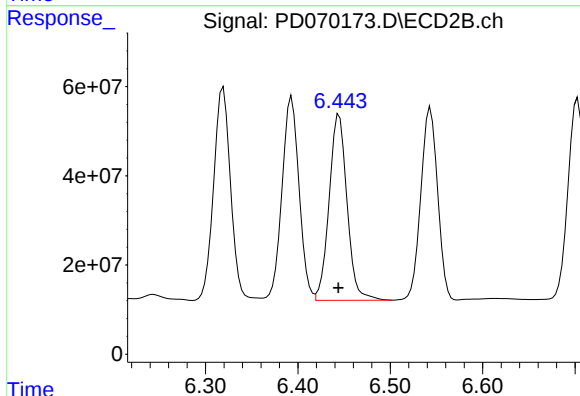
#9 Endosulfan I

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 65818452
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

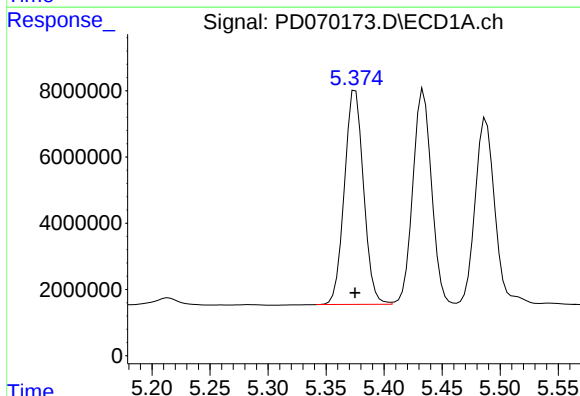
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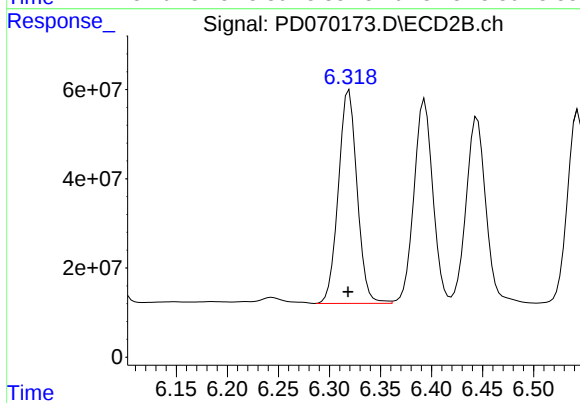
#9 Endosulfan I

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 561302346
Conc: 53.00 ng/ml



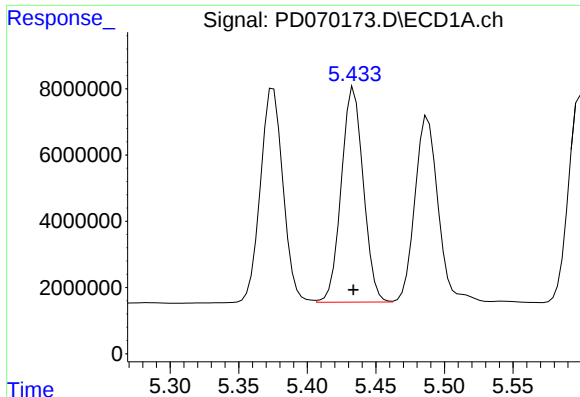
#10 gamma-Chlordane

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 74238300
Conc: 53.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 611242298
Conc: 53.18 ng/ml



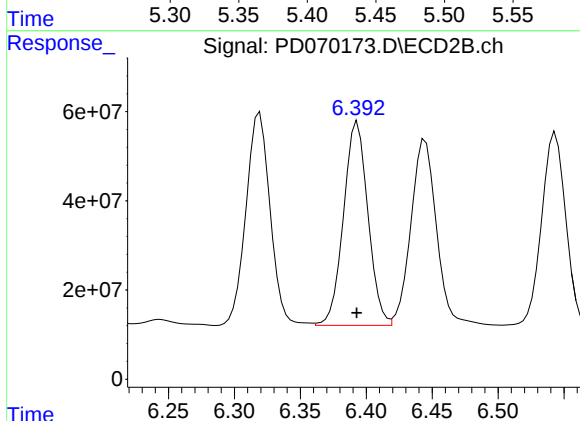
#11 alpha-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 72480614
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

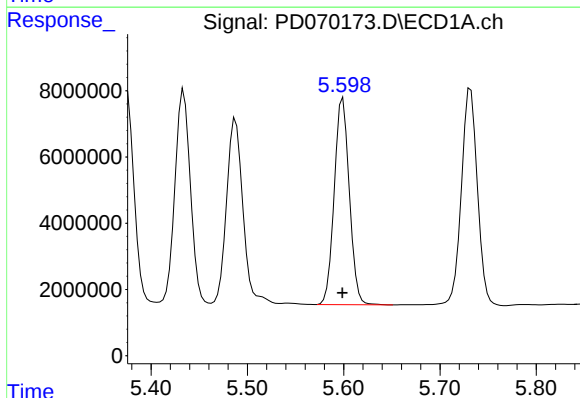
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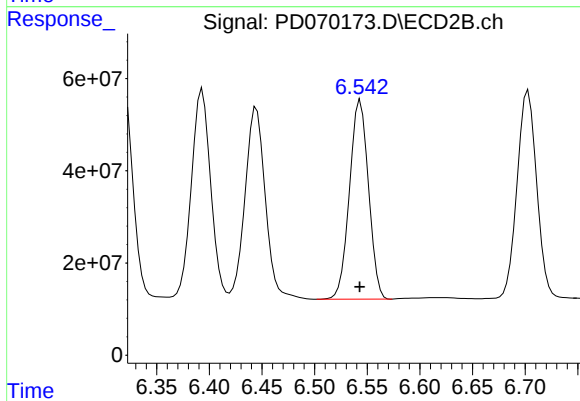
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 588104448
Conc: 52.02 ng/ml



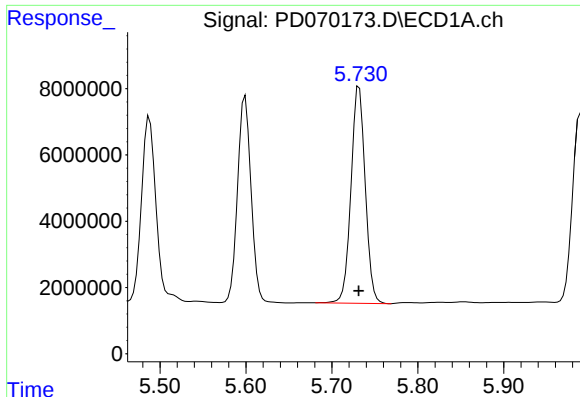
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 67975658
Conc: 54.35 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 545225931
Conc: 52.00 ng/ml



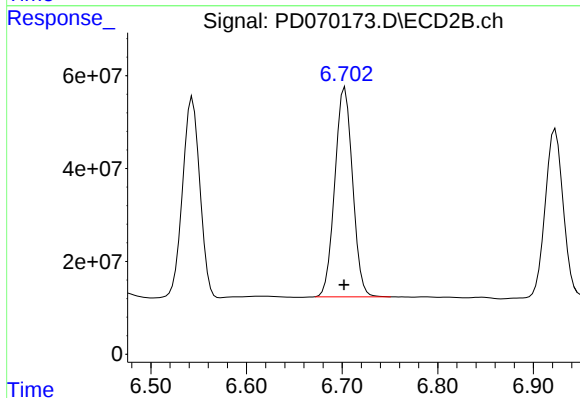
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 75812886
Conc: 56.29 ng/ml

Instrument :
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ClientSampleId :
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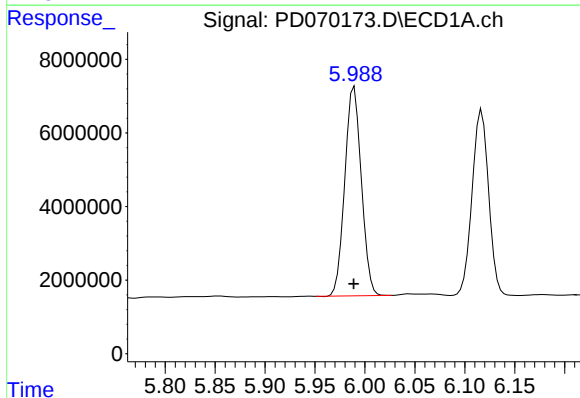
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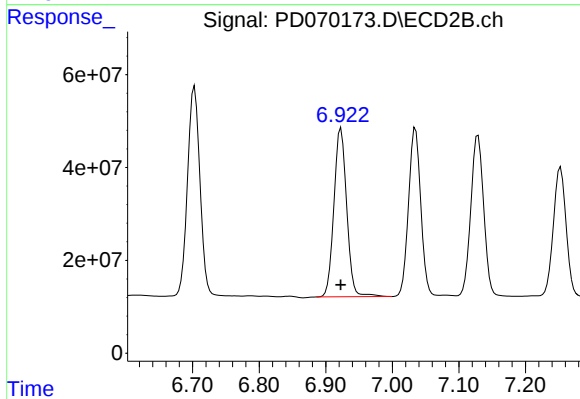
#13 Dieldrin

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 581938673
Conc: 53.24 ng/ml



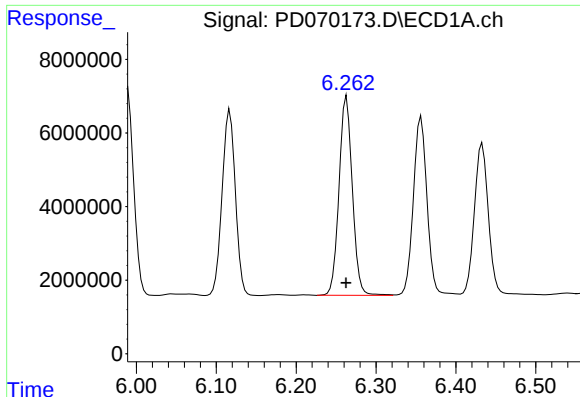
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 65495995
Conc: 54.39 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 485120841
Conc: 57.79 ng/ml



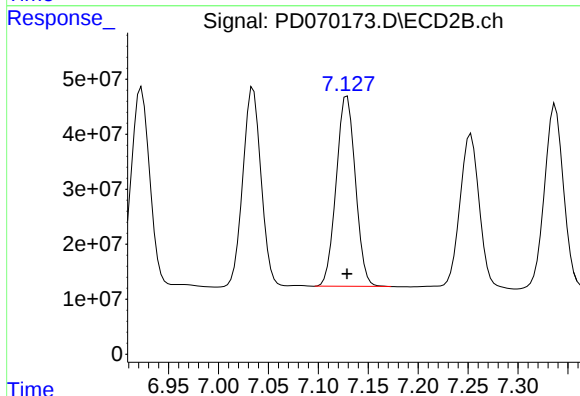
#15 Endosulfan II

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 62632777
Conc: 55.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
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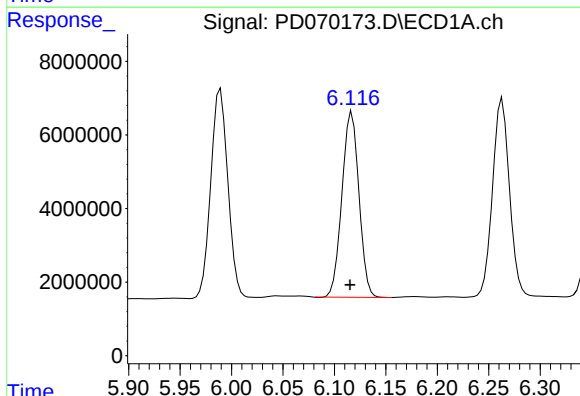
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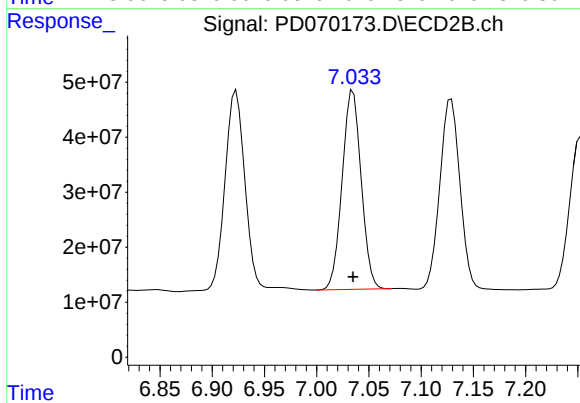
#15 Endosulfan II

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 463138252
Conc: 54.78 ng/ml



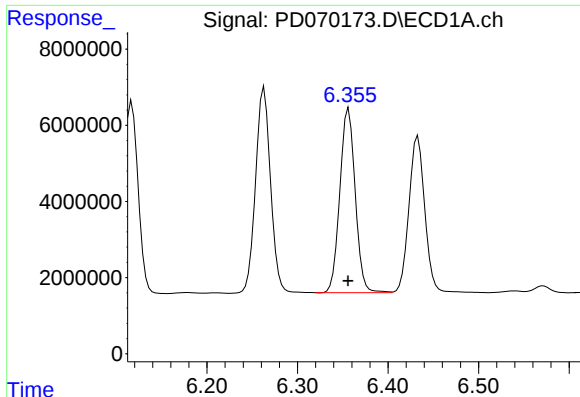
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 57998870
Conc: 53.40 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 458426439
Conc: 54.51 ng/ml



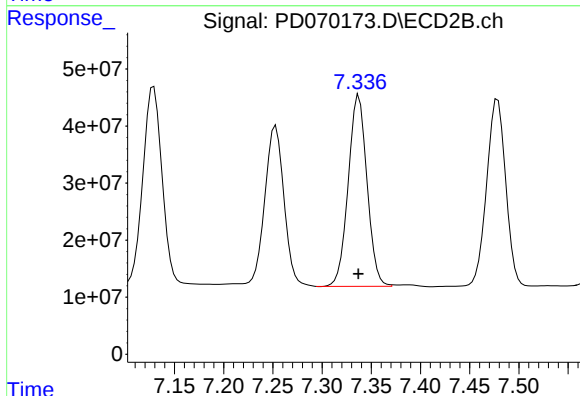
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 57188415
Conc: 53.91 ng/ml

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ECD_D
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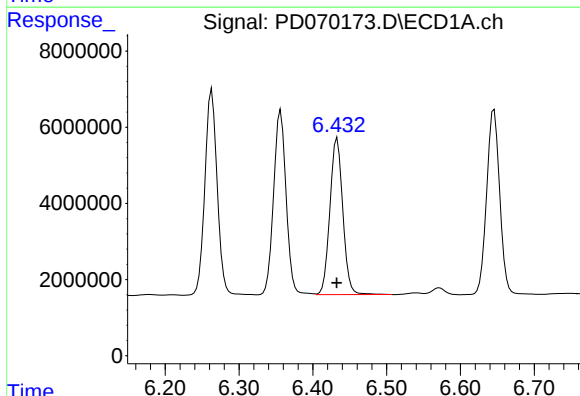
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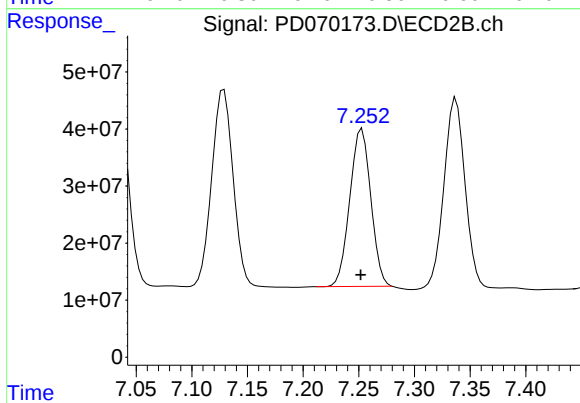
#17 4,4'-DDT

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 446613004
Conc: 52.03 ng/ml m



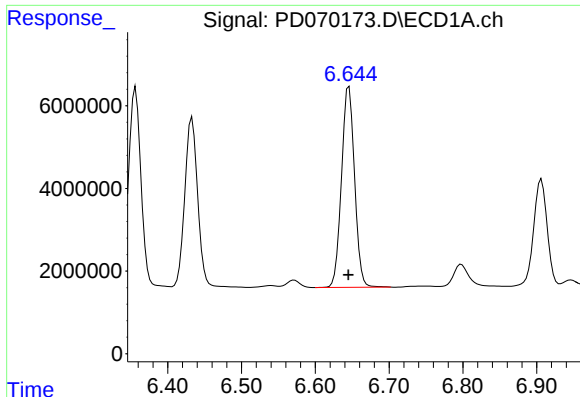
#18 Endrin aldehyde

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 50083457
Conc: 54.12 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.001 min
Response: 363498574
Conc: 52.97 ng/ml



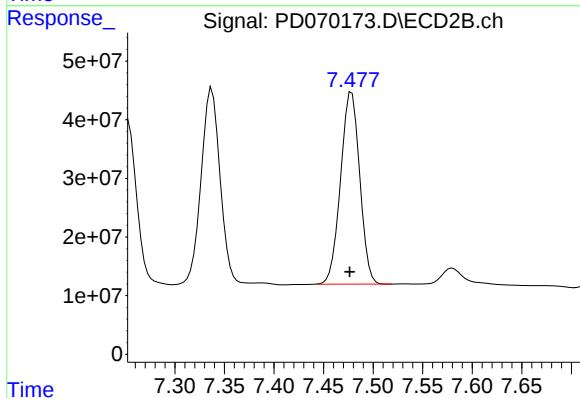
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 59732488
Conc: 50.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

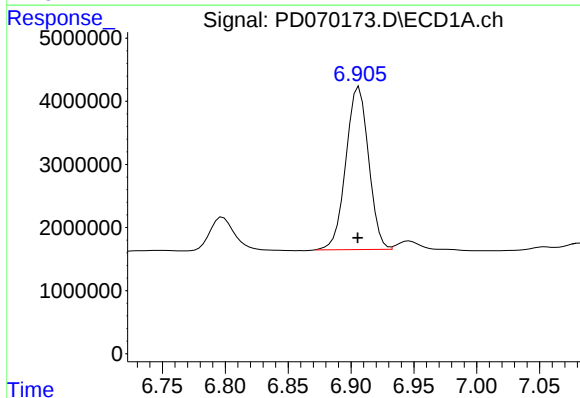
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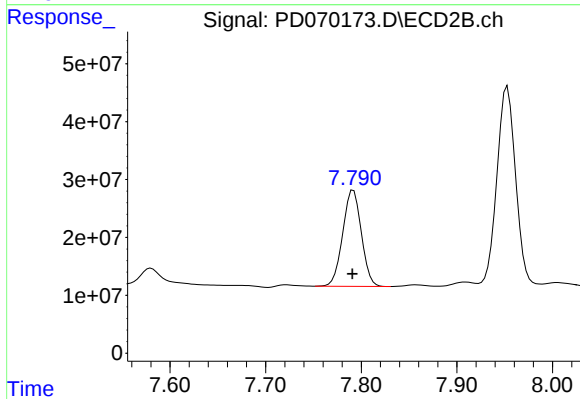
#19 Endosulfan Sulfate

R.T.: 7.478 min
Delta R.T.: 0.002 min
Response: 440125445
Conc: 52.84 ng/ml



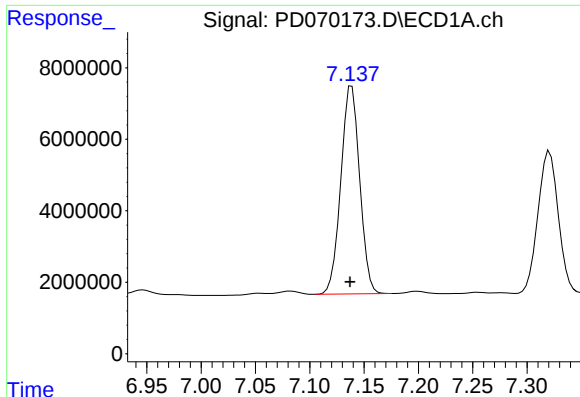
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: 0.001 min
Response: 32417055
Conc: 52.58 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.001 min
Response: 225641158
Conc: 53.51 ng/ml



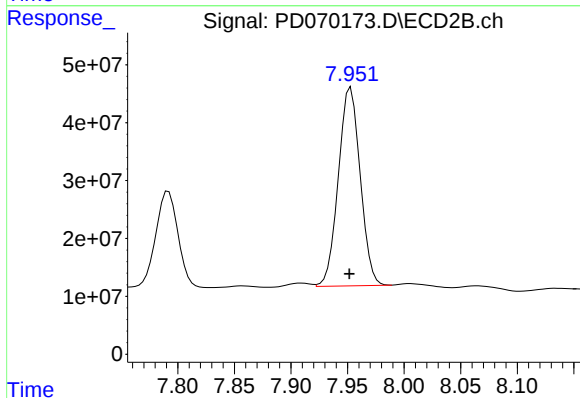
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: 0.002 min
Response: 70270412
Conc: 52.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

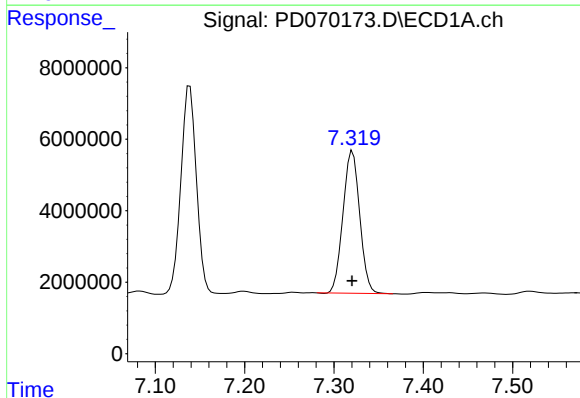
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



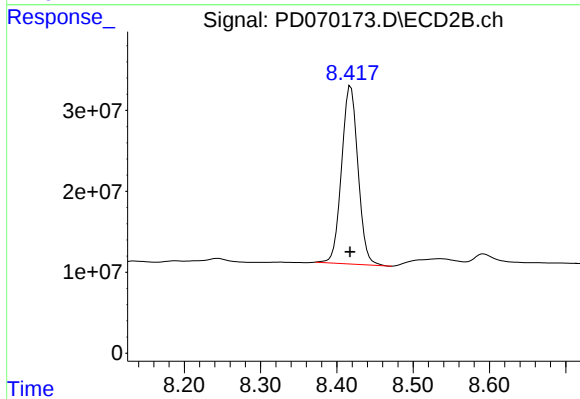
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.001 min
Response: 460716085
Conc: 53.10 ng/ml



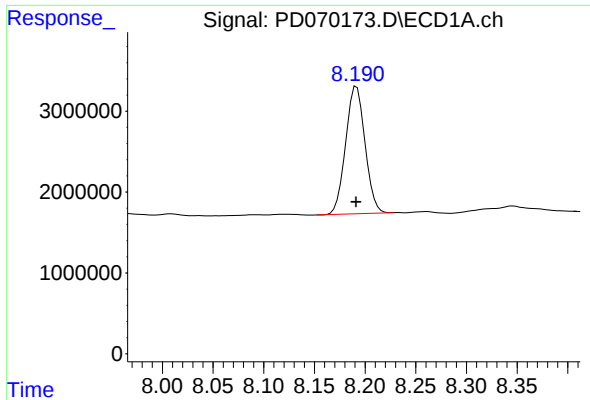
#22 Mirex

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 51767062
Conc: 49.57 ng/ml



#22 Mirex

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 329768671
Conc: 53.68 ng/ml



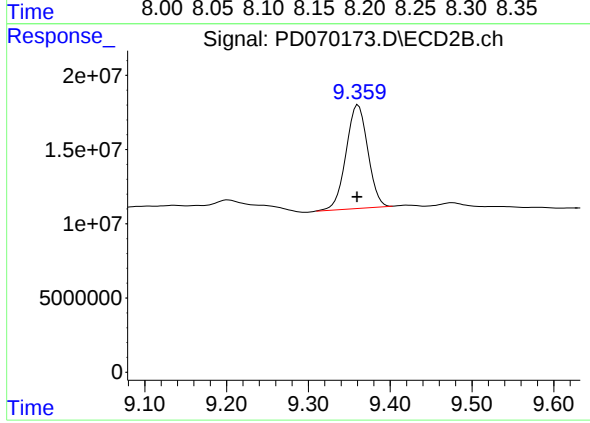
#28 Decachlorobiphenyl

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 20927552
Conc: 18.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
NEWARK-SPMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.001 min
Response: 128412977
Conc: 20.88 ng/ml