

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
 Data File : PD070794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 16:01
 Operator : AR\AJ
 Sample : N3622-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 20220496A-SIM-C2A-COMPOSITMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2022
 Supervised By :Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 23:06:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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...	3.485	4.124	37938794	419.6E6	15.540	16.225
28)	SA Decachlor...	8.262	9.313	27604089	103.0E6	11.133	12.520
Target Compounds							
2)	A alpha-BHC	3.928	4.528	162.6E6	1683.4E6	46.319	45.809
3)	MA gamma-BHC...	4.213	4.822	151.1E6	1504.5E6	44.398	46.305
4)	MA Heptachlor	4.514	5.337	149.7E6	1450.2E6	44.376	46.813
5)	MB Aldrin	4.763	5.649	147.5E6	1315.2E6	44.682	46.649
6)	B beta-BHC	4.461	4.996	59285455	526.1E6	40.626m	36.301
7)	B delta-BHC	4.668	5.221	146.5E6	1388.2E6	44.787	48.530
8)	B Heptachlo...	5.209	6.043	134.7E6	1100.4E6	44.702	48.358
9)	A Endosulfan I	5.549	6.407	120.3E6	934.1E6	42.955	45.615
10)	B gamma-Chl...	5.436	6.280	139.6E6	1028.7E6	45.002	45.109
11)	B alpha-Chl...	5.495	6.353	133.5E6	986.9E6	43.877	44.804
12)	B 4,4'-DDE	5.661	6.507	126.8E6	955.0E6	43.598	46.699
13)	MA Dieldrin	5.794	6.668	132.8E6	950.8E6	44.149	46.912
14)	MA Endrin	6.052	6.892	116.1E6	725.0E6	43.182	47.096
15)	B Endosulfa...	6.326	7.105	106.5E6	678.3E6	44.838	46.200
16)	A 4,4'-DDD	6.179	7.006	108.6E6	679.9E6	44.508	48.043
17)	MA 4,4'-DDT	6.421	7.308	107.4E6	697.0E6	43.031	45.744
18)	B Endrin al...	6.497	7.231	76760723	512.7E6	41.291	44.777
19)	B Endosulfa...	6.710	7.455	103.6E6	641.2E6	42.670	46.726
20)	A Methoxychlor	6.972	7.767	57455407	307.6E6	40.197	44.847
21)	B Endrin ke...	7.203	7.936	117.2E6	590.1E6	44.044	45.982
22)	Mirex	7.391	8.390	89352442	359.6E6	40.822	45.029

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

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Acq On : 08 Jul 2022 16:01
Operator : AR\AJ
Sample : N3622-07MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

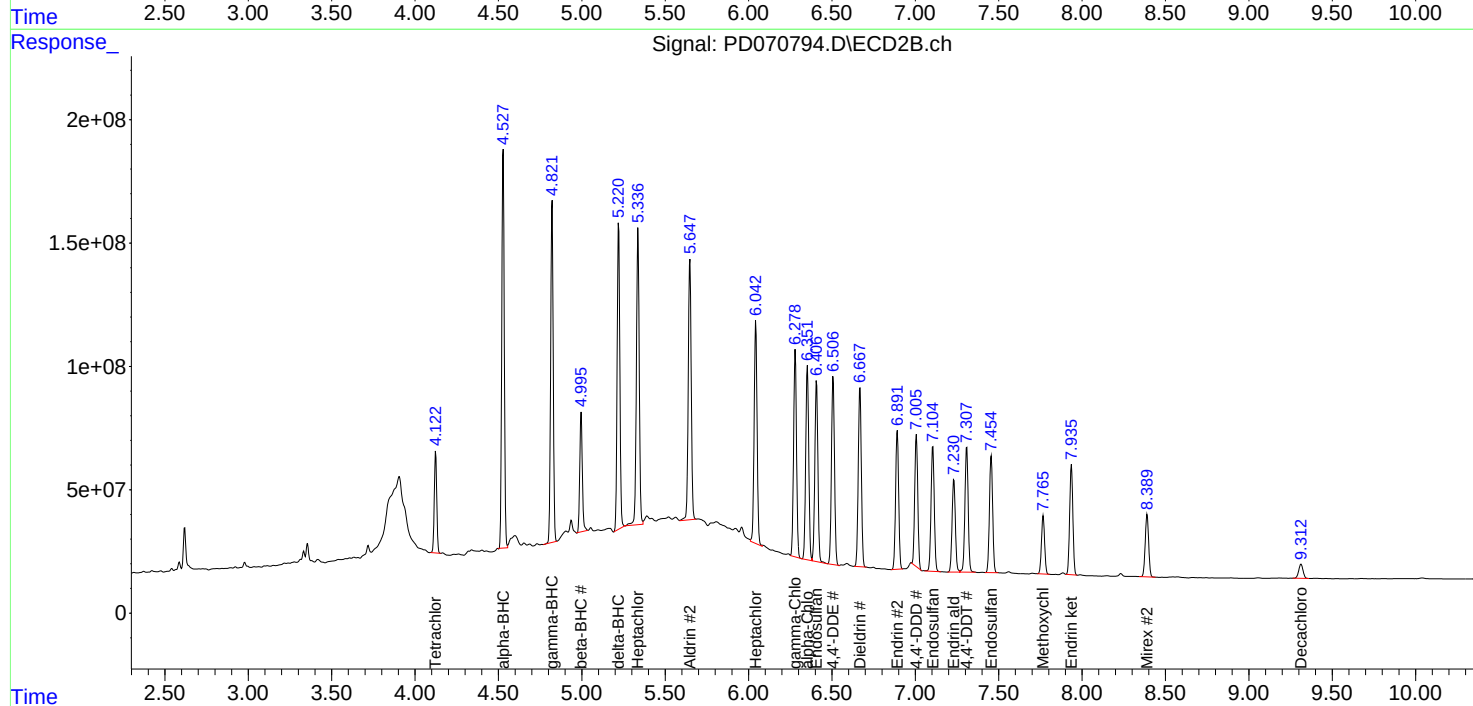
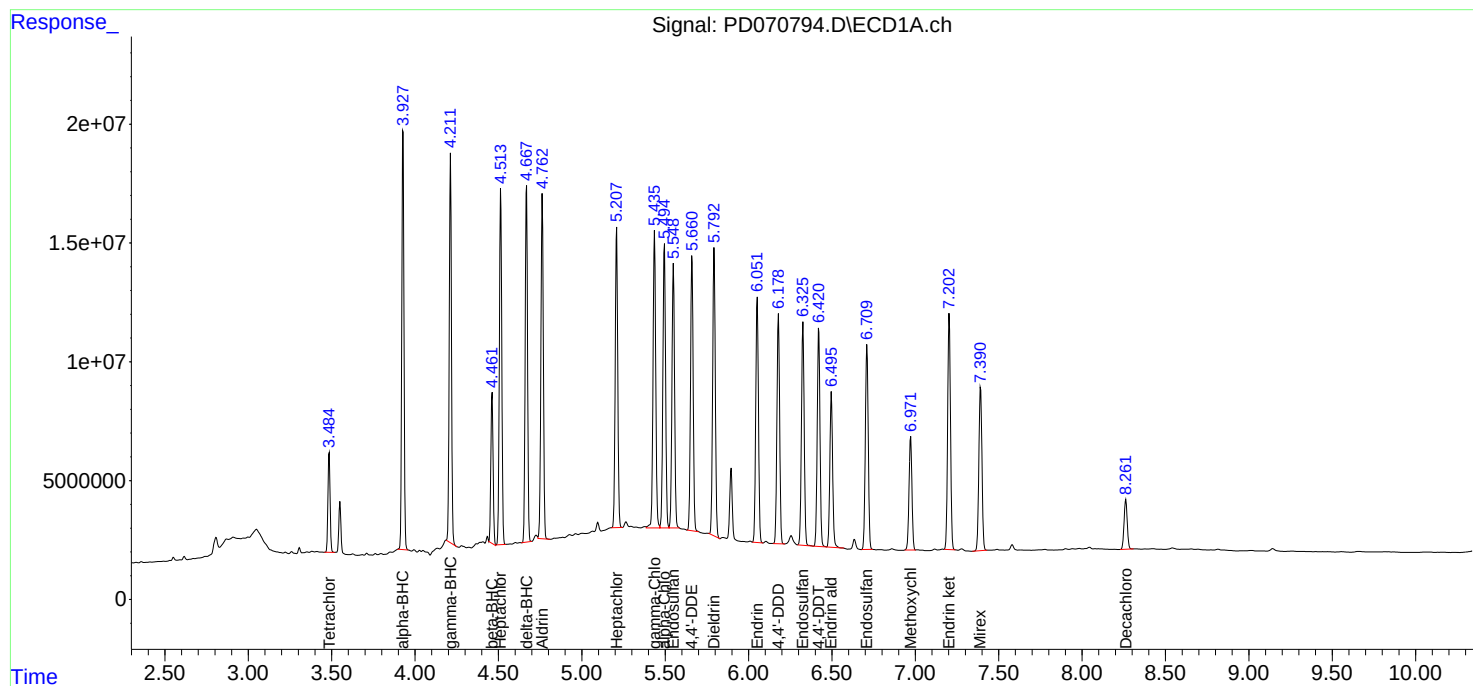
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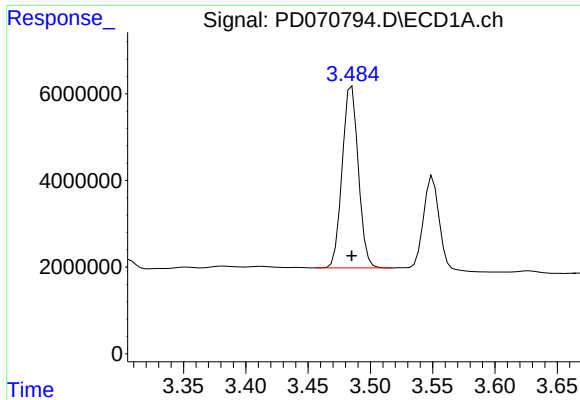
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 23:06:43 2022
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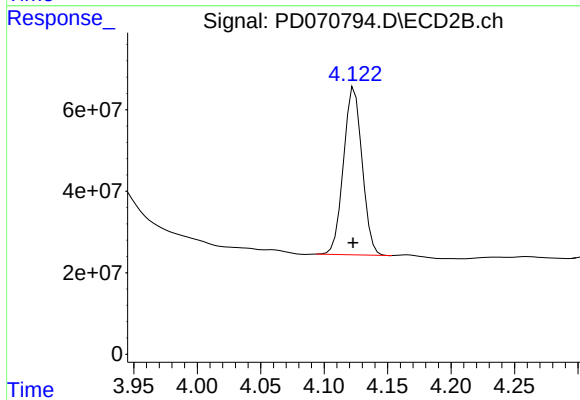
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 37938794
Conc: 15.54 ng/ml

Instrument :
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ClientSampleId :
20220496A-SIM-C2A-COMPOSITEMSD

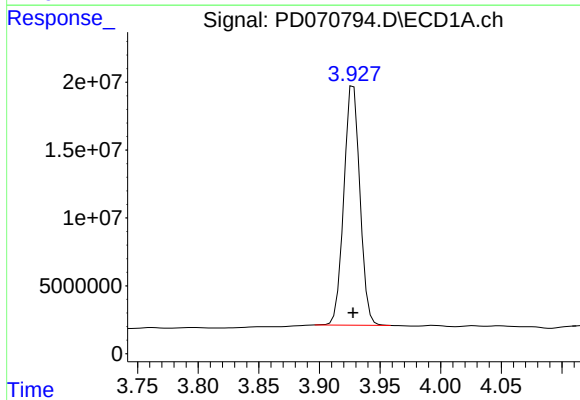
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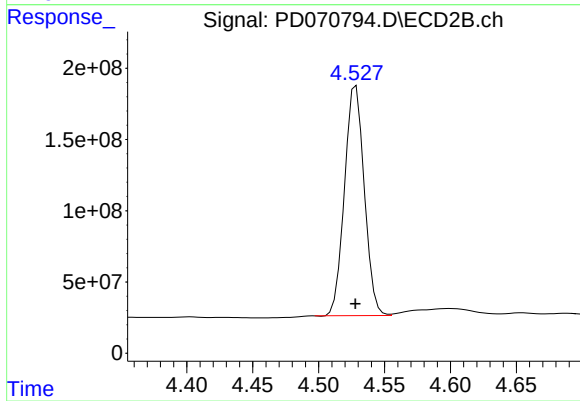
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.001 min
Response: 419591914
Conc: 16.22 ng/ml



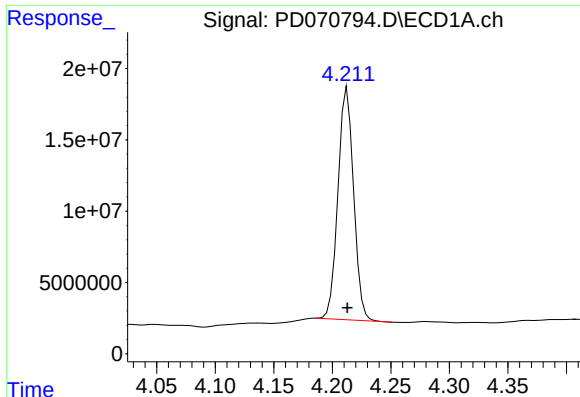
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 162648459
Conc: 46.32 ng/ml



#2 alpha-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1683419912
Conc: 45.81 ng/ml



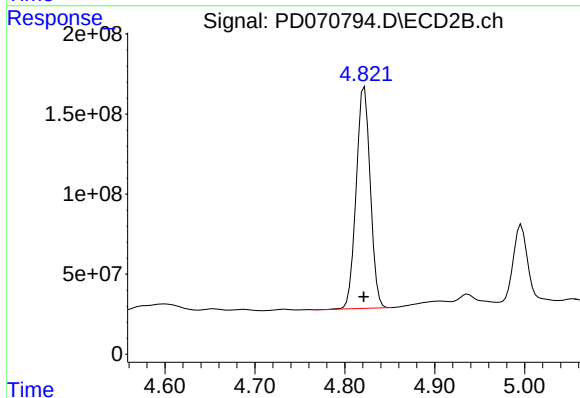
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 151076431
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
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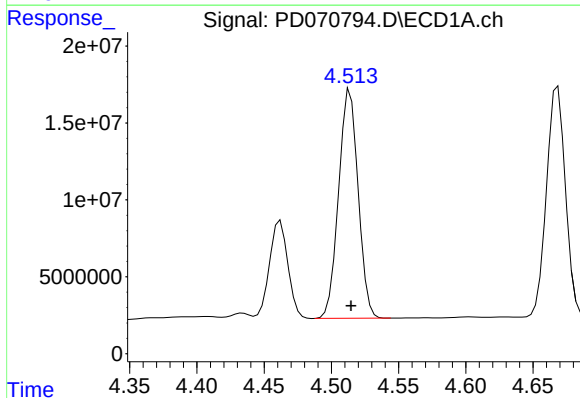
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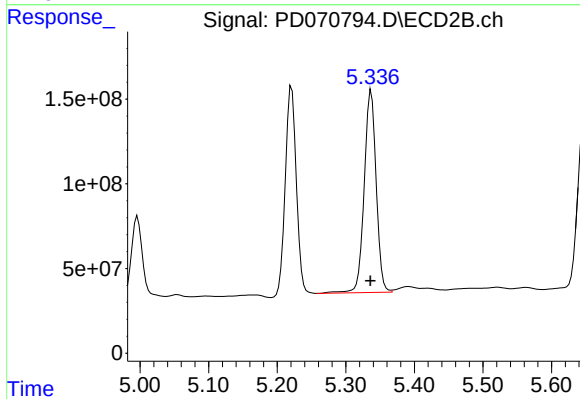
#3 gamma-BHC (Lindane)

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 1504450814
Conc: 46.30 ng/ml



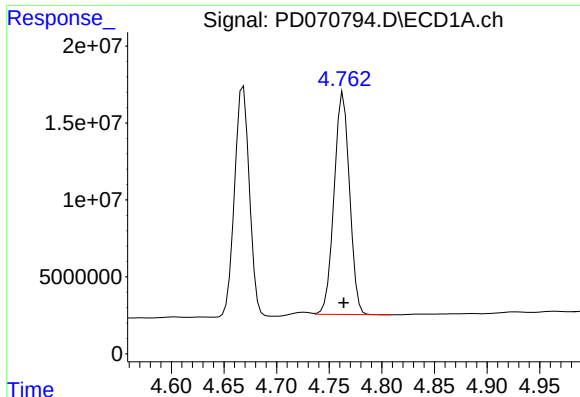
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 149660419
Conc: 44.38 ng/ml



#4 Heptachlor

R.T.: 5.337 min
Delta R.T.: 0.001 min
Response: 1450188780
Conc: 46.81 ng/ml



#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 147495114
Conc: 44.68 ng/ml

Instrument :

ECD_D

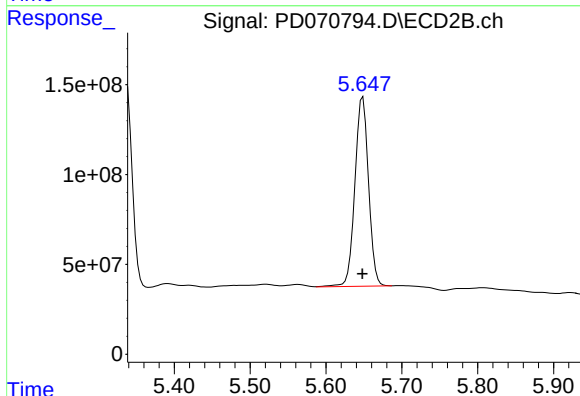
ClientSampleId :

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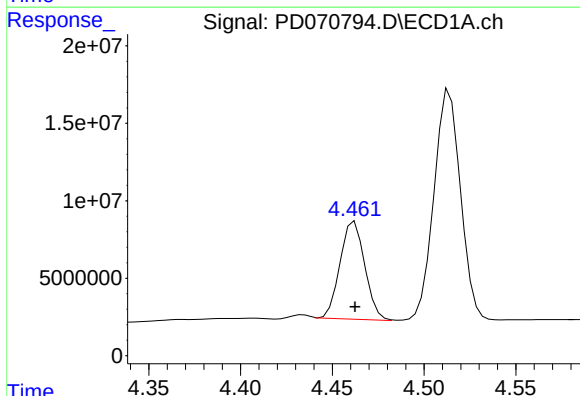
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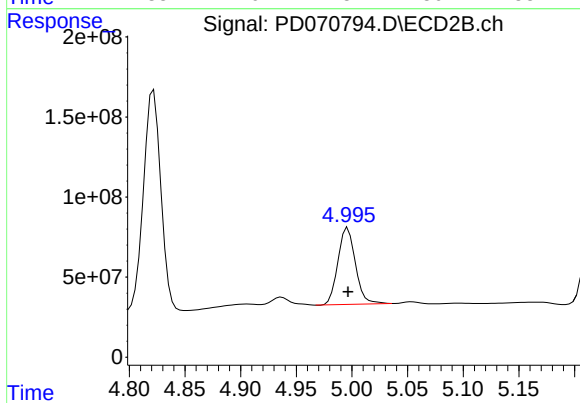
#5 Aldrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1315183357
Conc: 46.65 ng/ml



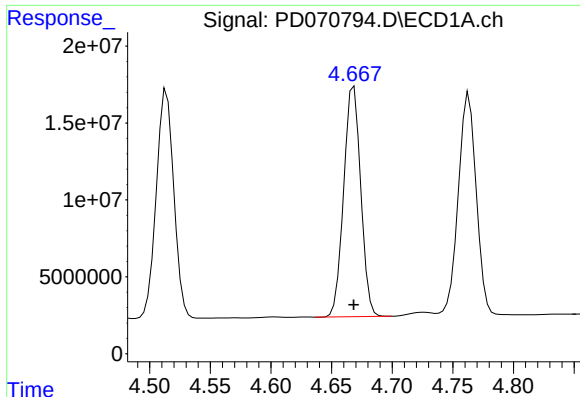
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: -0.002 min
Response: 59285455
Conc: 40.63 ng/ml m



#6 beta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 526080454
Conc: 36.30 ng/ml



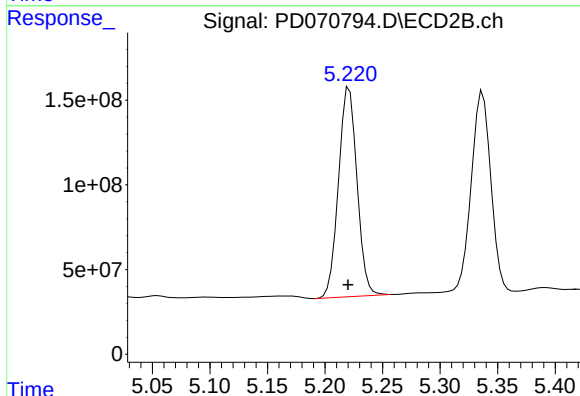
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 146521033
Conc: 44.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220496A-SIM-C2A-COMPOSITEMSD

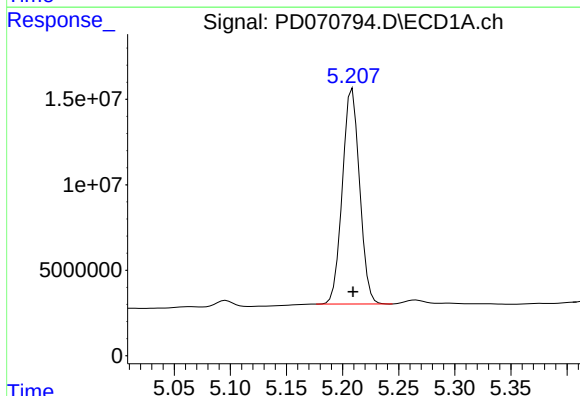
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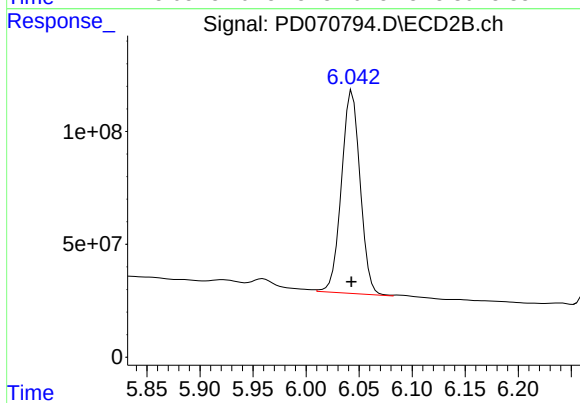
#7 delta-BHC

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 1388211979
Conc: 48.53 ng/ml



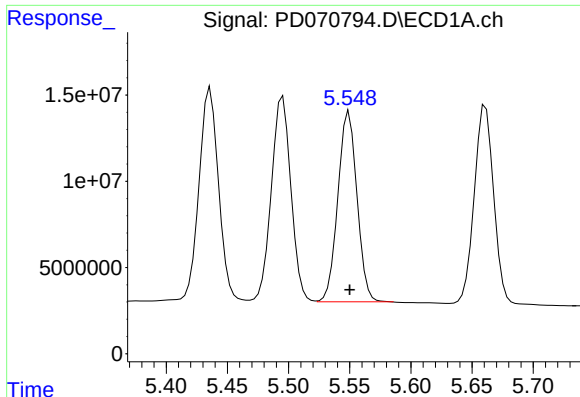
#8 Heptachlor epoxide

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 134689058
Conc: 44.70 ng/ml



#8 Heptachlor epoxide

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1100439609
Conc: 48.36 ng/ml



#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 120265329
Conc: 42.95 ng/ml

Instrument :

ECD_D

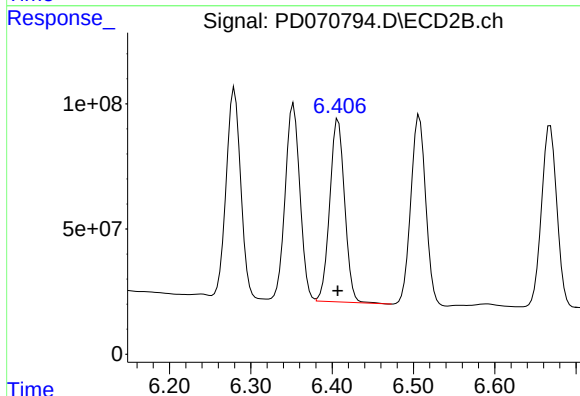
ClientSampleId :

20220496A-SIM-C2A-COMPOSITEMSD

Manual Integrations

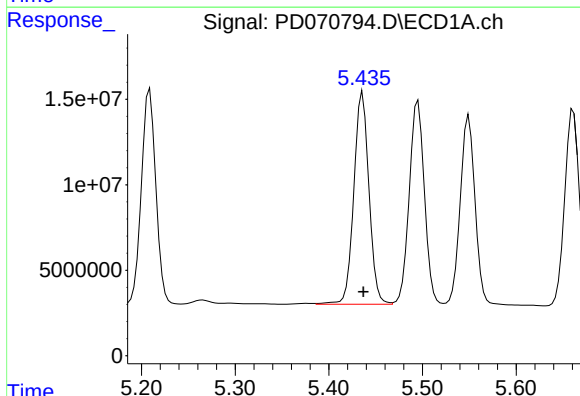
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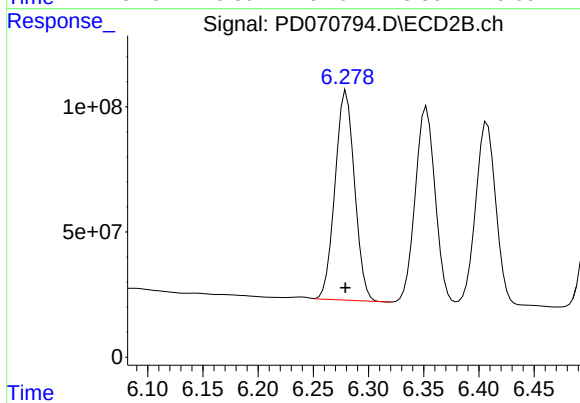
#9 Endosulfan I

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 934125343
Conc: 45.62 ng/ml



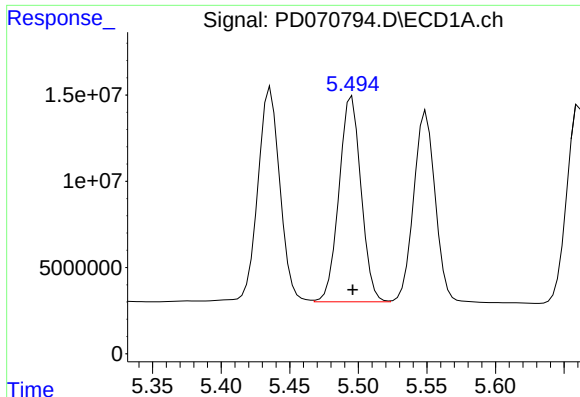
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 139584393
Conc: 45.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 1028684882
Conc: 45.11 ng/ml



#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 133452489
Conc: 43.88 ng/ml

Instrument :

ECD_D

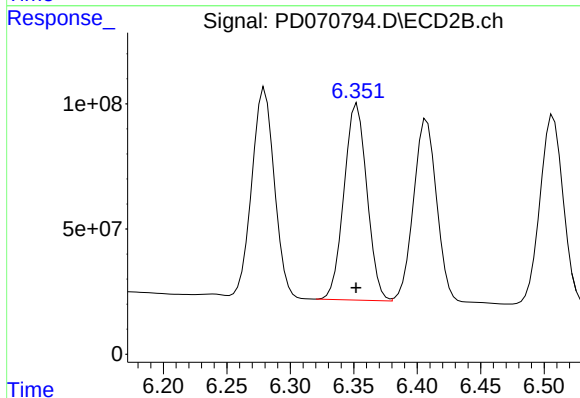
ClientSampleId :

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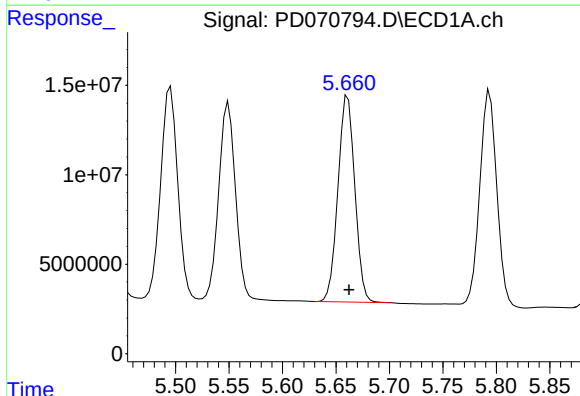
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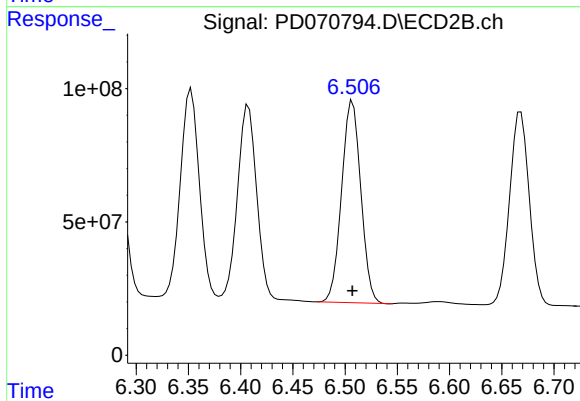
#11 alpha-Chlordane

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 986948873
Conc: 44.80 ng/ml



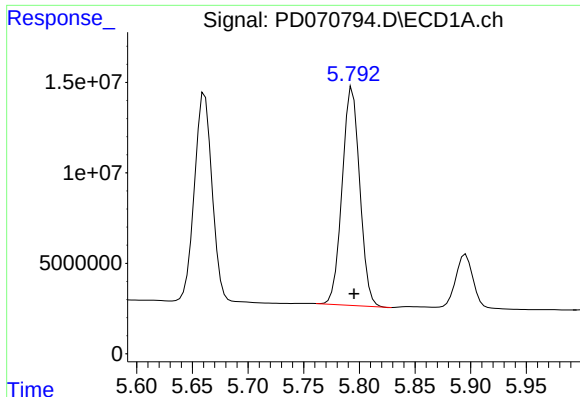
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 126752084
Conc: 43.60 ng/ml



#12 4,4'-DDE

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 954954859
Conc: 46.70 ng/ml



#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: -0.001 min
Response: 132830523
Conc: 44.15 ng/ml

Instrument :

ECD_D

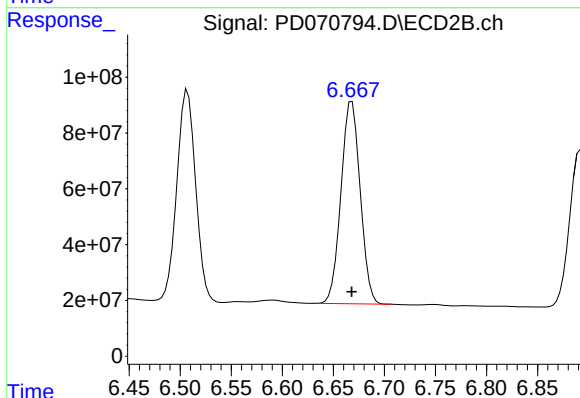
ClientSampleId :

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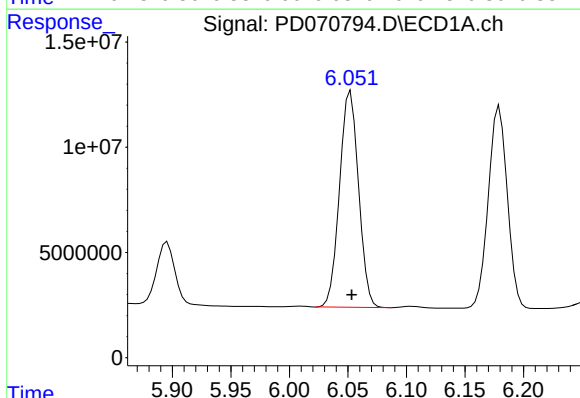
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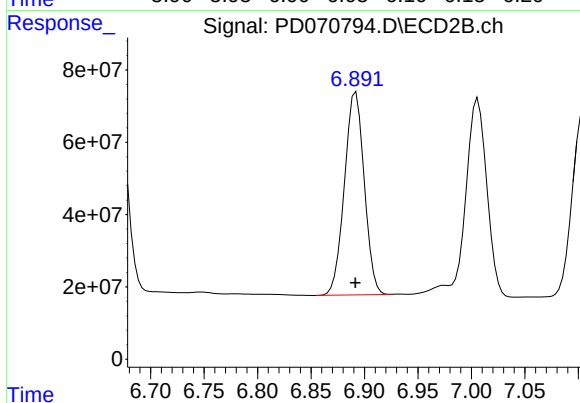
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 950831513
Conc: 46.91 ng/ml



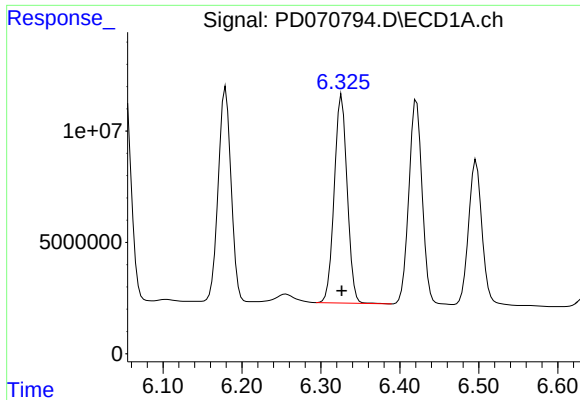
#14 Endrin

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 116091370
Conc: 43.18 ng/ml



#14 Endrin

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 724969201
Conc: 47.10 ng/ml



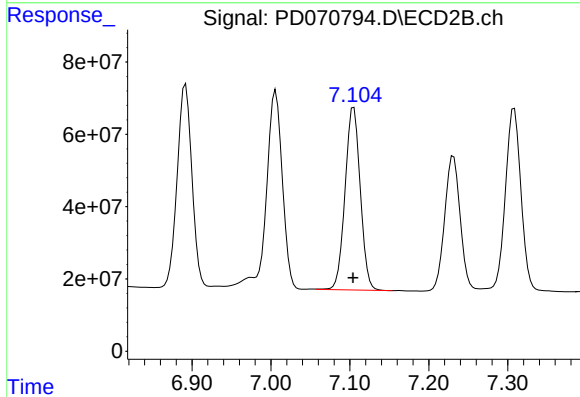
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 106455462
Conc: 44.84 ng/ml

Instrument :
ECD_D
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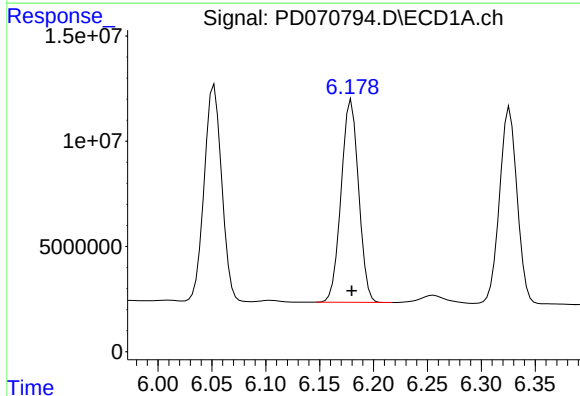
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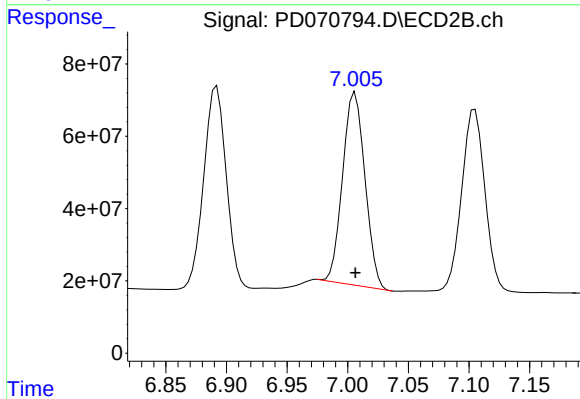
#15 Endosulfan II

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 678259189
Conc: 46.20 ng/ml



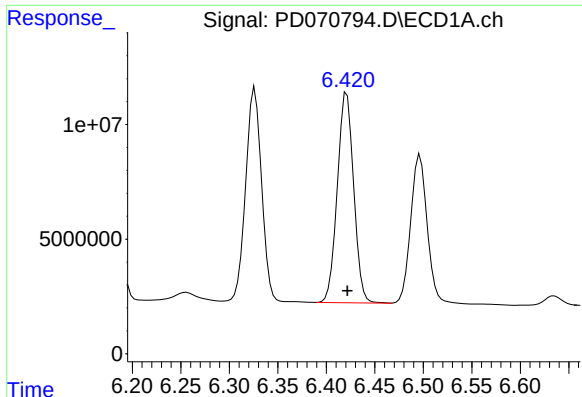
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 108608458
Conc: 44.51 ng/ml



#16 4,4'-DDD

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 679927767
Conc: 48.04 ng/ml



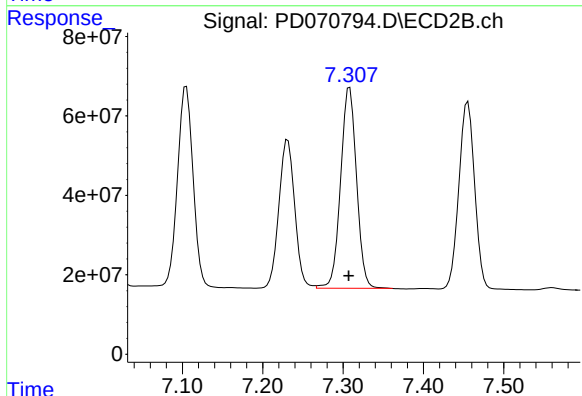
#17 4,4'-DDT

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 107437464
Conc: 43.03 ng/ml

Instrument :
ECD_D
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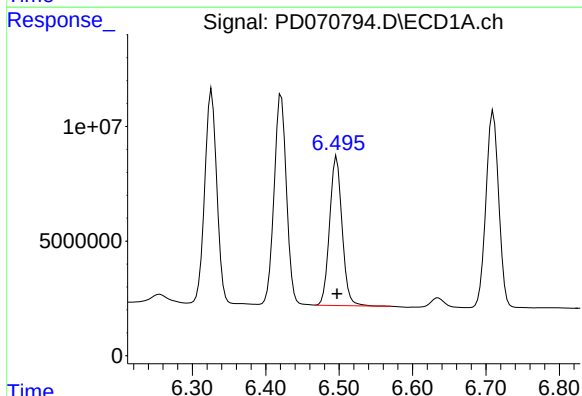
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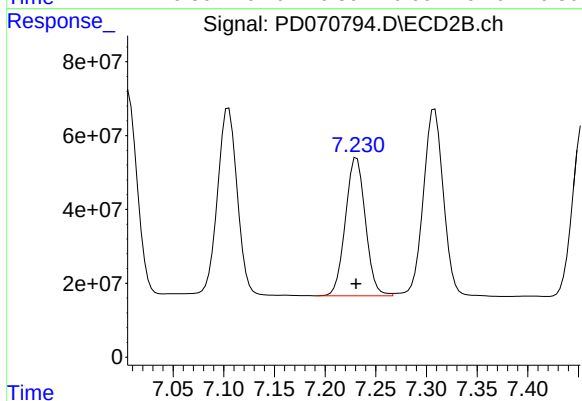
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 696997784
Conc: 45.74 ng/ml



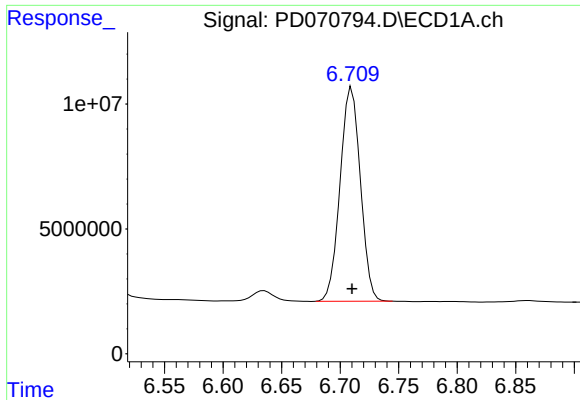
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 76760723
Conc: 41.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 512713147
Conc: 44.78 ng/ml



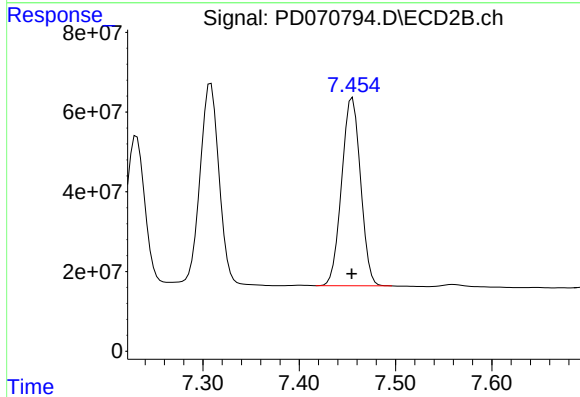
#19 Endosulfan Sulfate

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 103642016
Conc: 42.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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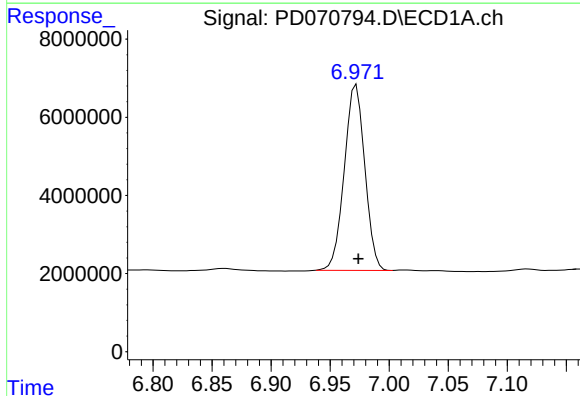
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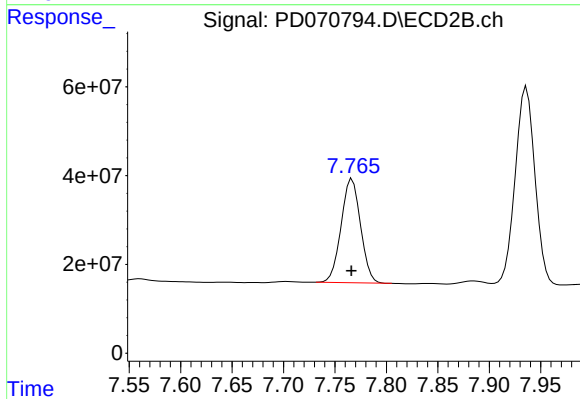
#19 Endosulfan Sulfate

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 641219175
Conc: 46.73 ng/ml



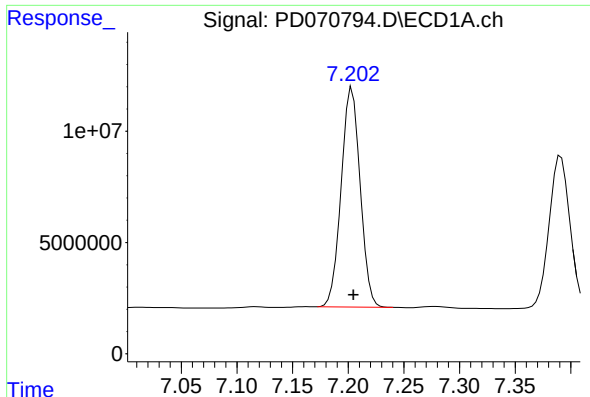
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 57455407
Conc: 40.20 ng/ml



#20 Methoxychlor

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 307564720
Conc: 44.85 ng/ml



#21 Endrin ketone

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 117166549
Conc: 44.04 ng/ml

Instrument :

ECD_D

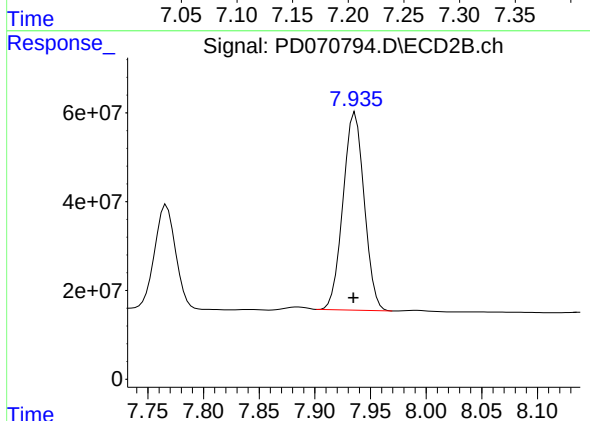
ClientSampleId :

20220496A-SIM-C2A-COMPOSITEMSD

Manual Integrations

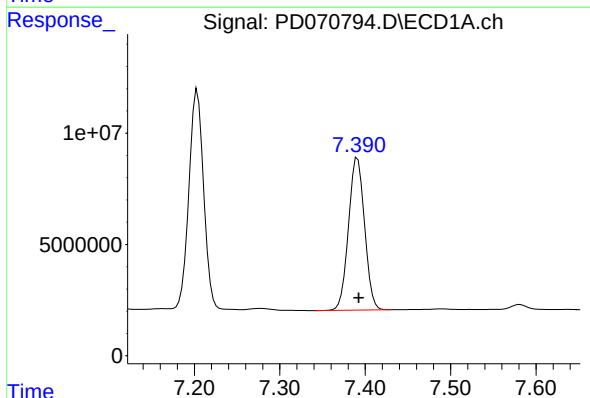
APPROVED

Reviewed By :Abdul Mirza 07/11/2022
Supervised By :Ankita Jodhani 07/11/2022



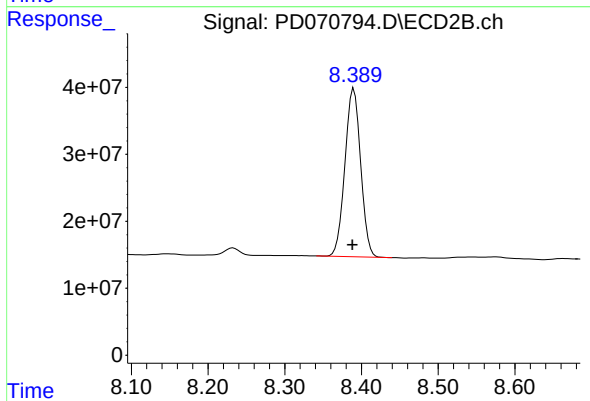
#21 Endrin ketone

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 590067878
Conc: 45.98 ng/ml



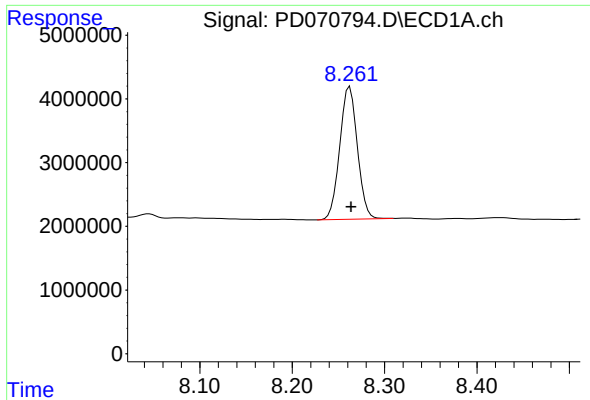
#22 Mirex

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 89352442
Conc: 40.82 ng/ml



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.002 min
Response: 359601901
Conc: 45.03 ng/ml



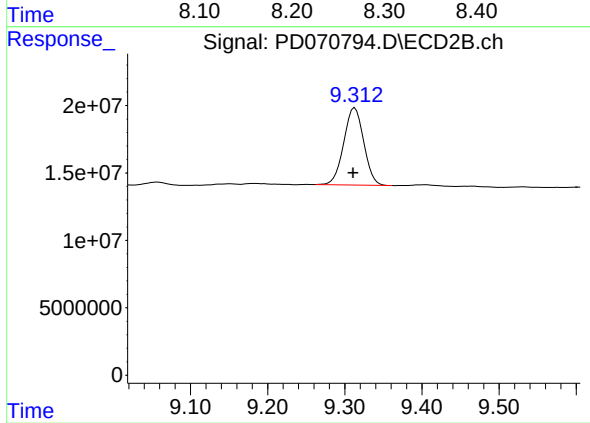
#28 Decachlorobiphenyl

R.T.: 8.262 min
Delta R.T.: -0.001 min
Response: 27604089
Conc: 11.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220496A-SIM-C2A-COMPOSITEMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.313 min
Delta R.T.: 0.002 min
Response: 102998199
Conc: 12.52 ng/ml