

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 15:17
 Operator : AR\AJ
 Sample : P5096-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-AMSD

Manual Integrations
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Reviewed By : Abdul Mirza 12/06/2024
 Supervised By : Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:00:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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...	3.558	2.885	36764085	232.2E6	18.384	20.285
28)	SA Decachlor...	9.092	8.089	48406484	211.0E6	15.217	15.145
Target Compounds							
2)	A alpha-BHC	4.008	3.398	211.2E6	936.8E6	52.496	53.163
3)	MA gamma-BHC...	4.339	3.735	205.8E6	870.0E6	51.610	51.802
4)	MA Heptachlor	4.940	4.091	209.8E6	865.3E6	53.439	53.233
5)	MB Aldrin	5.282	4.378	203.7E6	848.2E6	49.974	50.737
6)	B beta-BHC	4.523	4.031	80711212	378.1E6	51.174	52.788
7)	B delta-BHC	4.772	4.269	204.9E6	857.5E6	50.267	50.436
8)	B Heptachlo...	5.702	4.882	179.7E6	767.0E6	49.731	50.516
9)	A Endosulfan I	6.086	5.257	168.9E6	725.3E6	50.345	51.093
10)	B gamma-Chl...	5.957	5.136	177.5E6	814.4E6	50.230	52.356
11)	B alpha-Chl...	6.039	5.201	181.9E6	788.1E6	50.907	51.569
12)	B 4,4'-DDE	6.207	5.387	163.6E6	780.3E6	50.292	51.764
13)	MA Dieldrin	6.359	5.524	181.2E6	793.1E6	50.156	50.935
14)	MA Endrin	6.587	5.799	148.6E6	706.7E6	49.099	50.518m
15)	B Endosulfa...	6.799	6.092	130.8E6	685.9E6	43.774	49.829
16)	A 4,4'-DDD	6.716	5.940	128.9E6	614.2E6	49.579m	48.867m
17)	MA 4,4'-DDT	7.033	6.196	135.6E6	671.2E6	48.013m	50.339
18)	B Endrin al...	6.927	6.270	111.3E6	519.9E6	45.523	46.864
19)	B Endosulfa...	7.162	6.494	136.7E6	649.8E6	46.985	48.029
20)	A Methoxychlor	7.506	6.768	72455775	344.5E6	45.305	48.032
21)	B Endrin ke...	7.642	7.004	152.2E6	689.6E6	46.894	45.756
22)	Mirex	8.128	7.200	104.6E6	514.3E6	41.918	41.713

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

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Acq On : 05 Dec 2024 15:17
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Instrument :

ECD_D

ClientSampleId :

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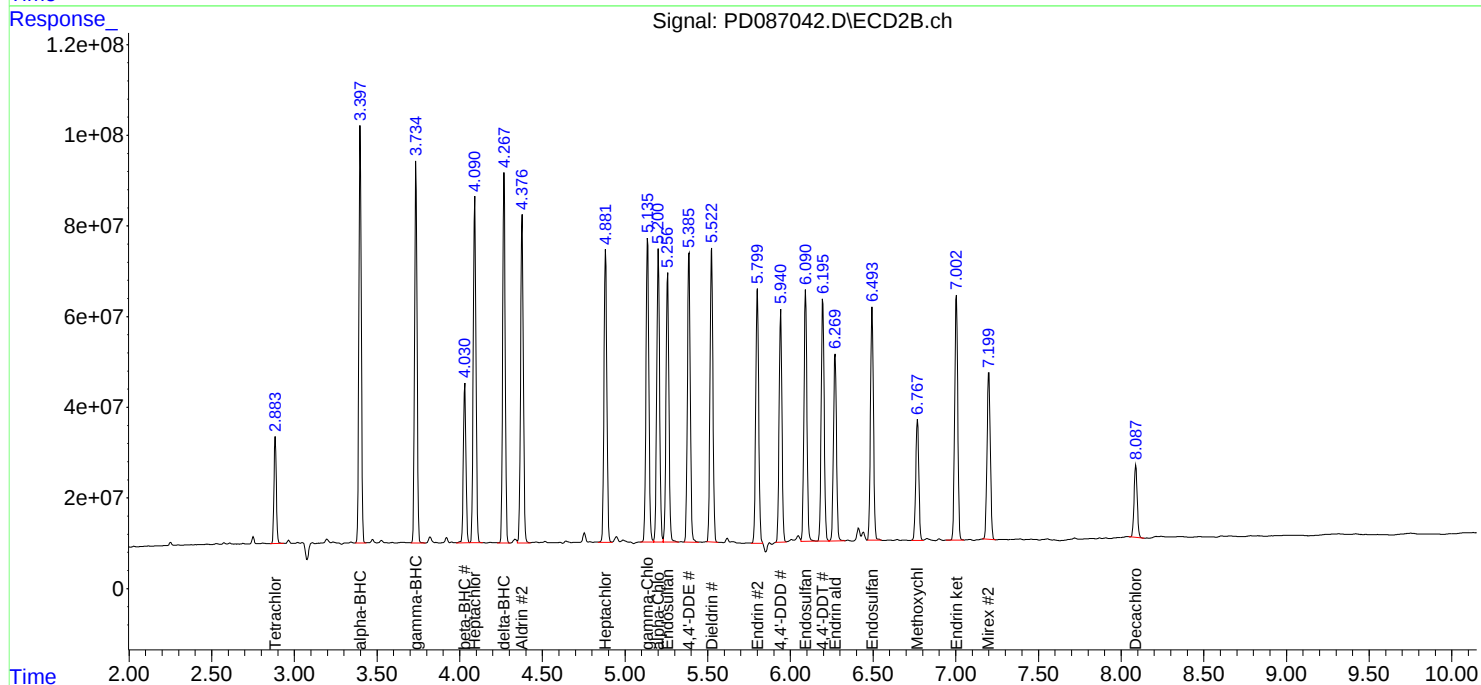
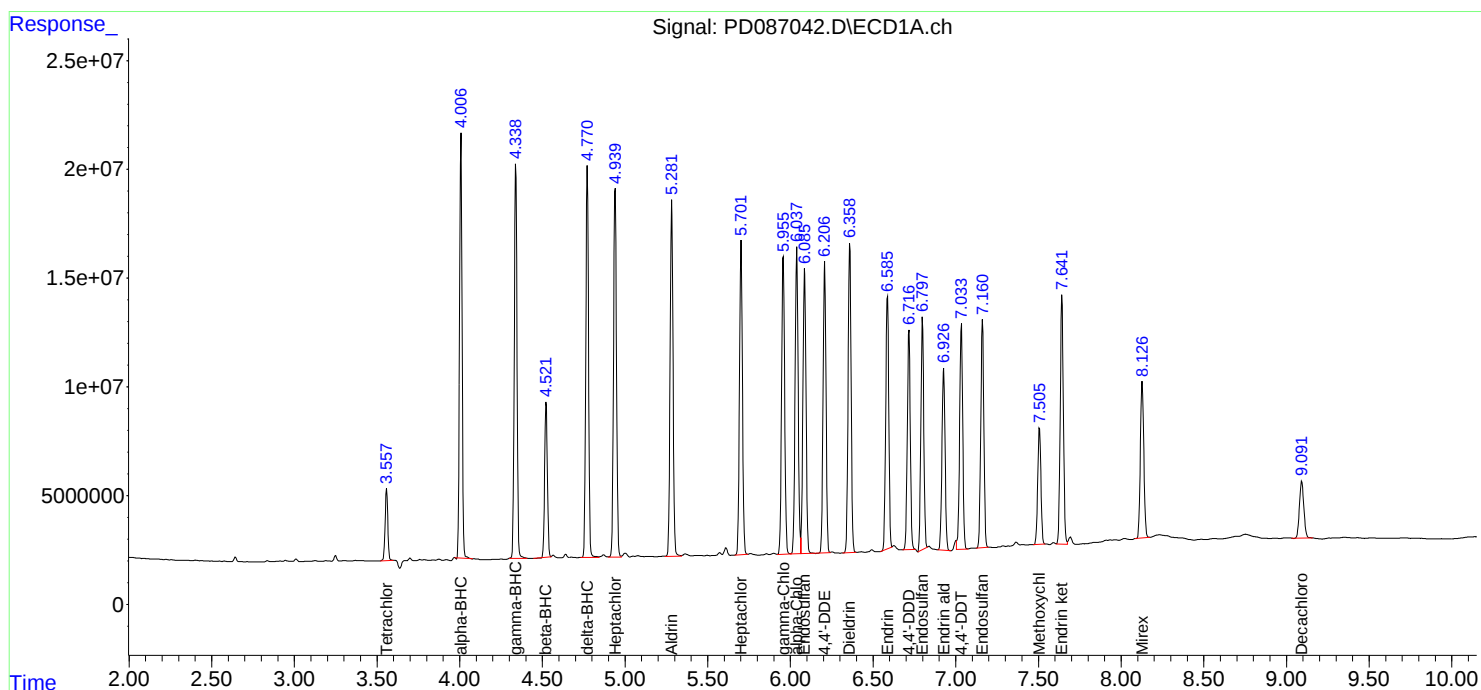
Manual Integrations

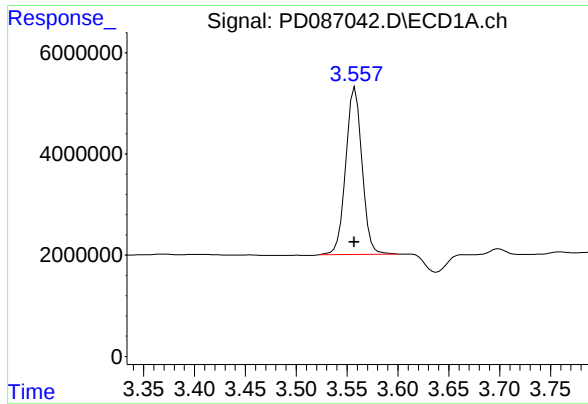
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Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 01:00:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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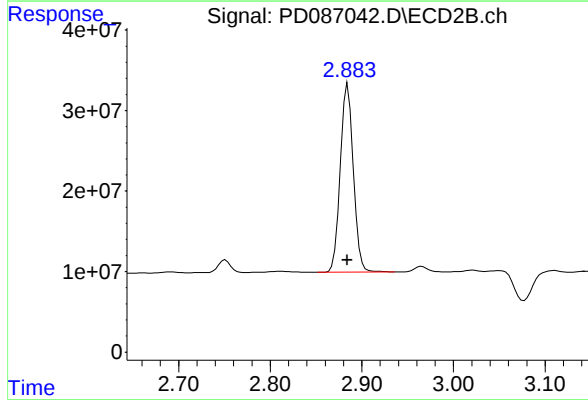
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 36764085
Conc: 18.38 ng/ml

Instrument :
ECD_D
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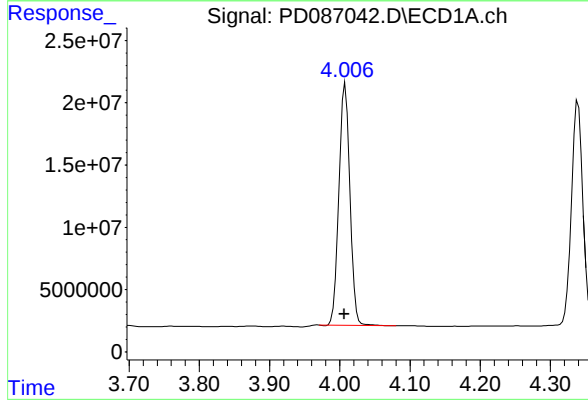
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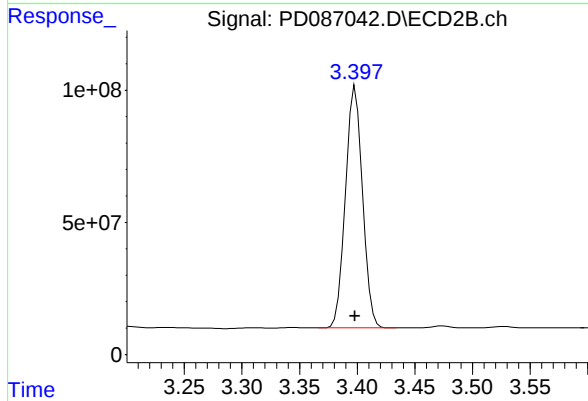
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 232188600
Conc: 20.28 ng/ml



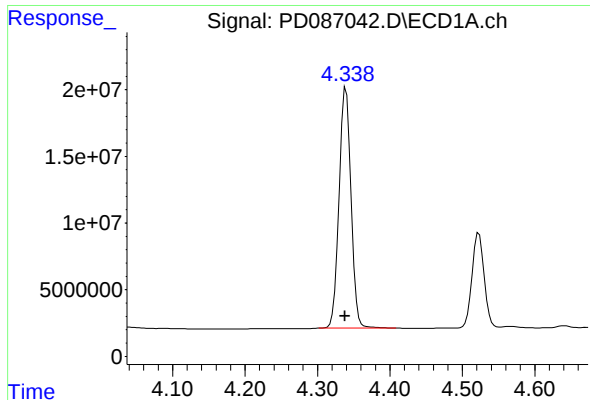
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.001 min
Response: 211245908
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 936780909
Conc: 53.16 ng/ml



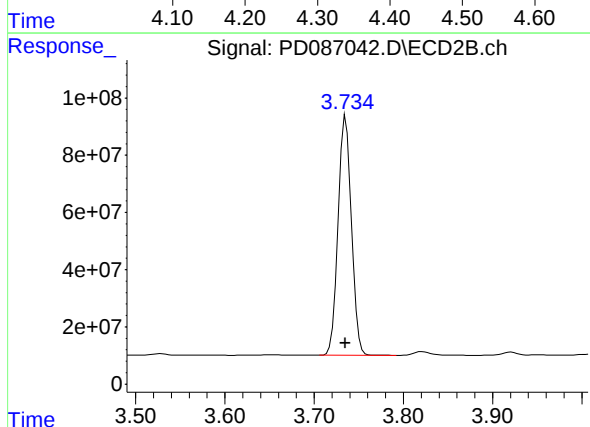
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 205844750
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

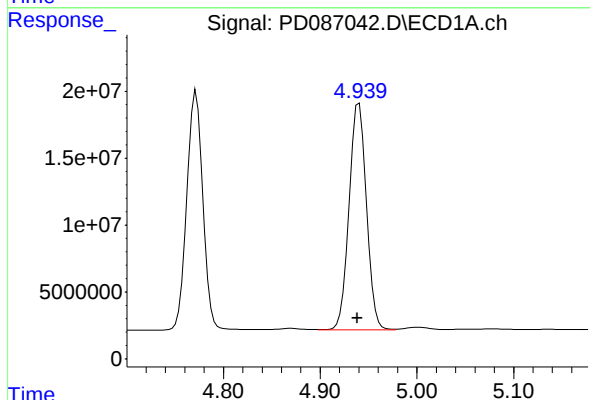
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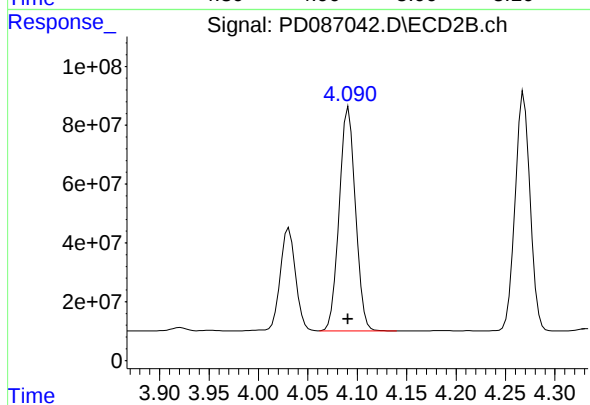
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 870004561
Conc: 51.80 ng/ml



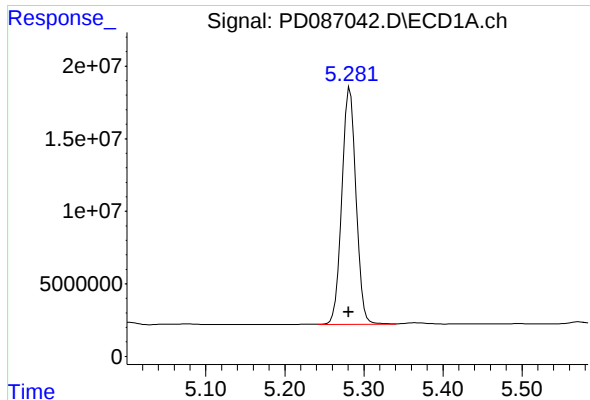
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: 0.002 min
Response: 209812027
Conc: 53.44 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 865345686
Conc: 53.23 ng/ml



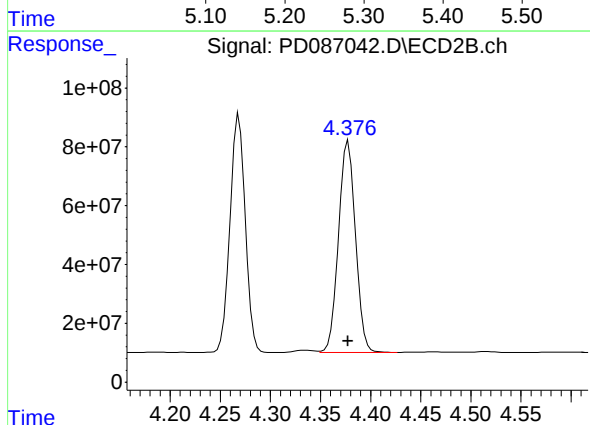
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 203689307
Conc: 49.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

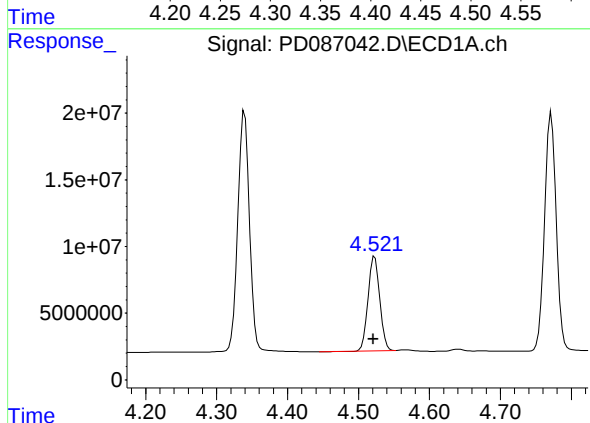
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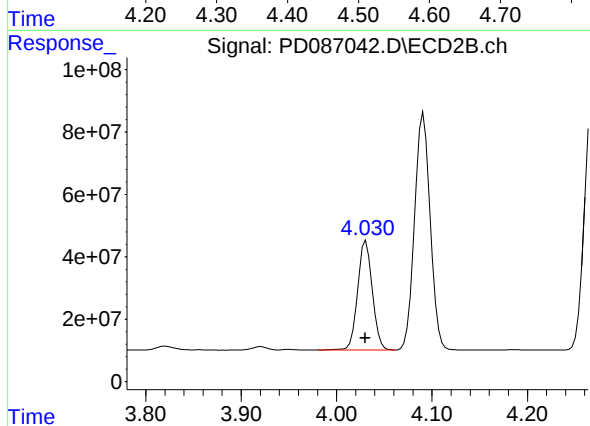
#5 Aldrin

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 848184147
Conc: 50.74 ng/ml



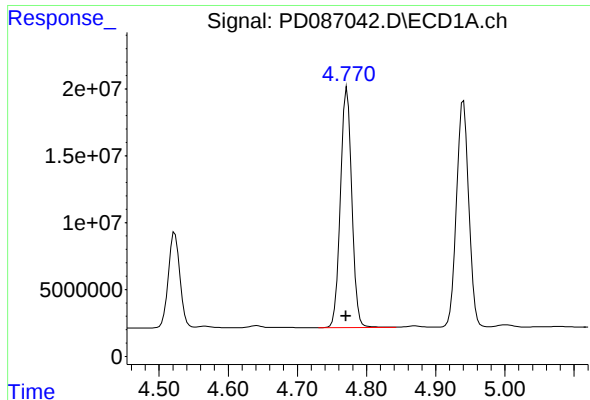
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 80711212
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 378062650
Conc: 52.79 ng/ml



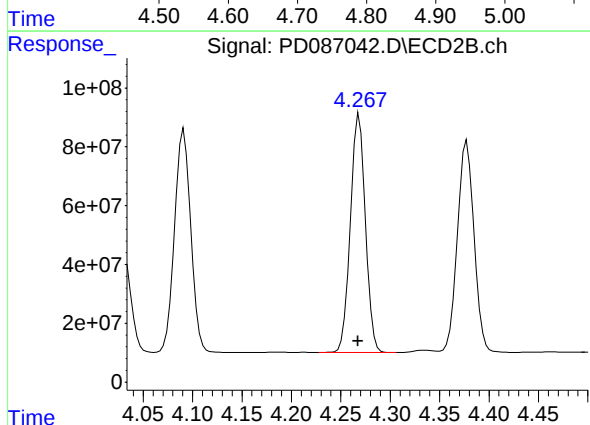
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 204893730
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

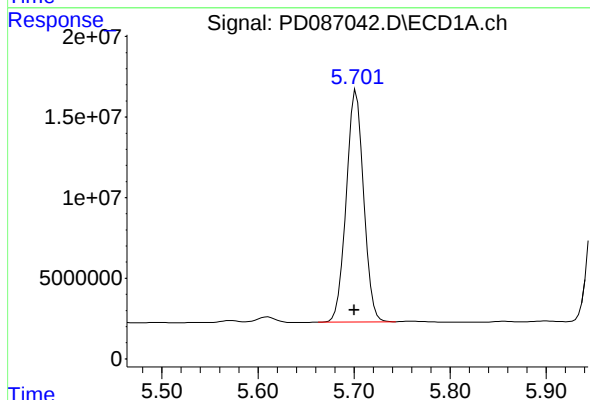
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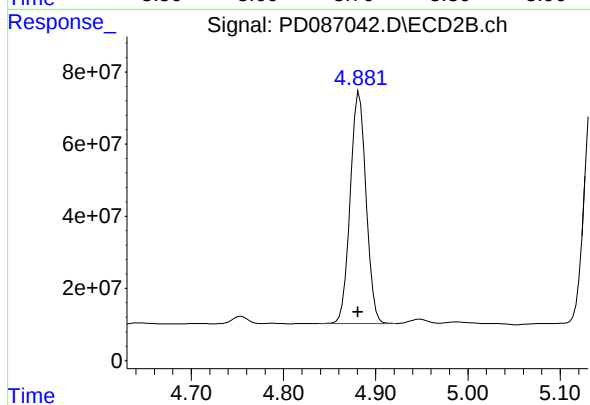
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 857526061
Conc: 50.44 ng/ml



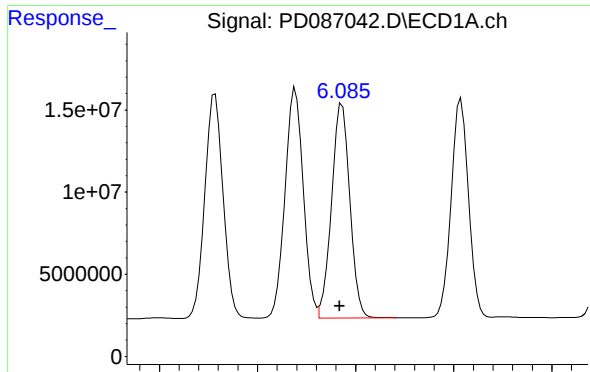
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.002 min
Response: 179705727
Conc: 49.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.882 min
Delta R.T.: 0.001 min
Response: 767034276
Conc: 50.52 ng/ml



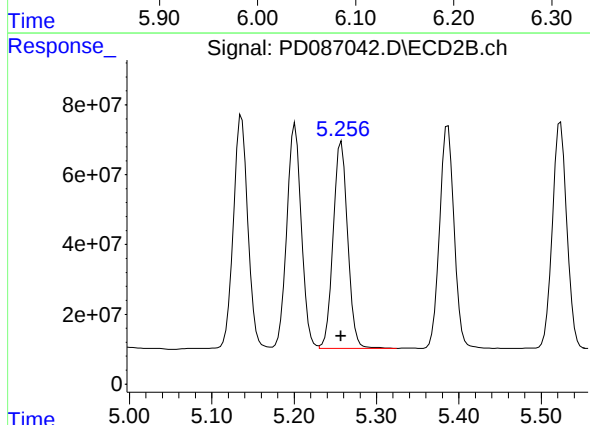
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 168946240
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

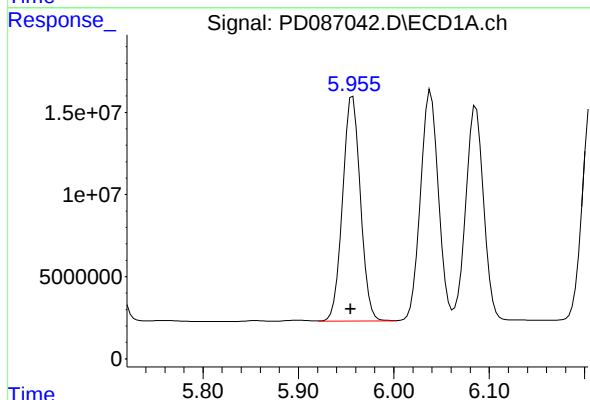
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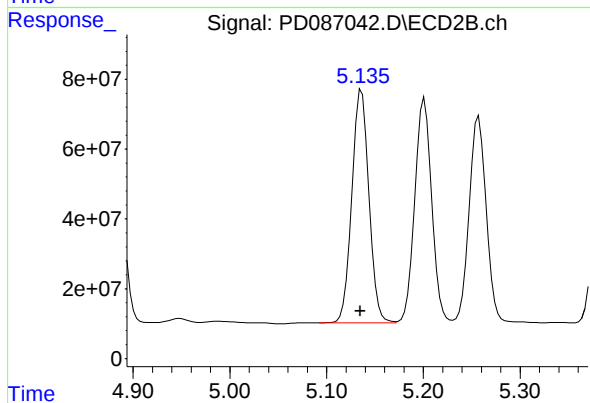
#9 Endosulfan I

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 725341030
Conc: 51.09 ng/ml



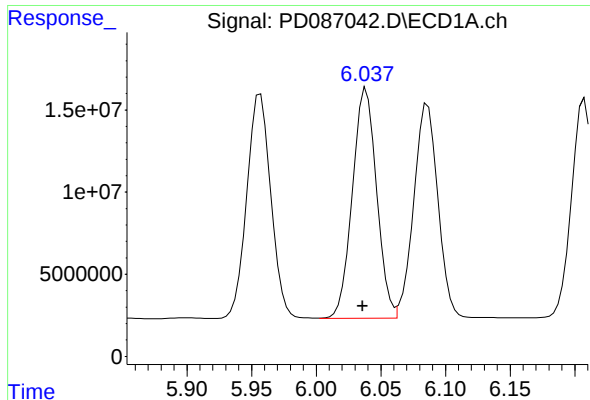
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 177462513
Conc: 50.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.136 min
Delta R.T.: 0.001 min
Response: 814431379
Conc: 52.36 ng/ml



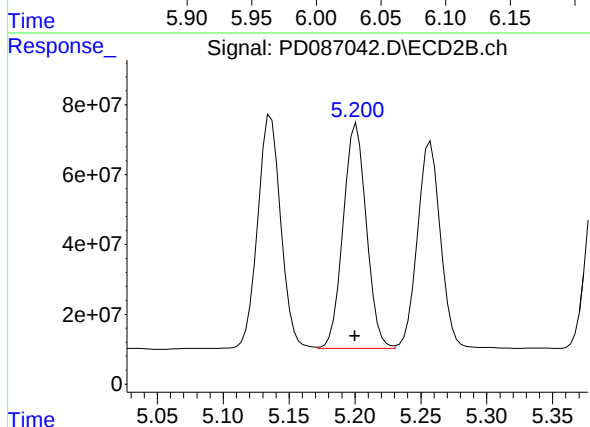
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.003 min
Response: 181880951
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

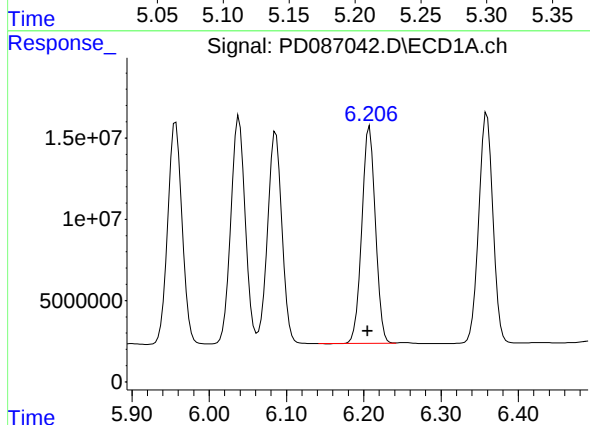
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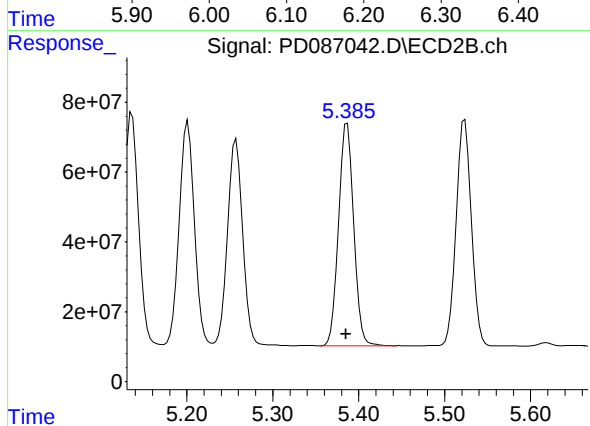
#11 alpha-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 788080860
Conc: 51.57 ng/ml



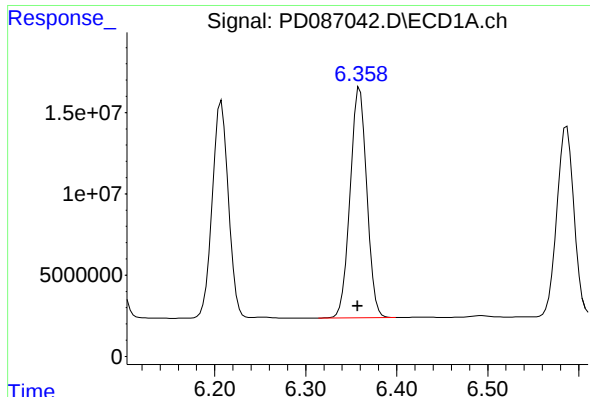
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 163631995
Conc: 50.29 ng/ml



#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: 0.001 min
Response: 780320481
Conc: 51.76 ng/ml



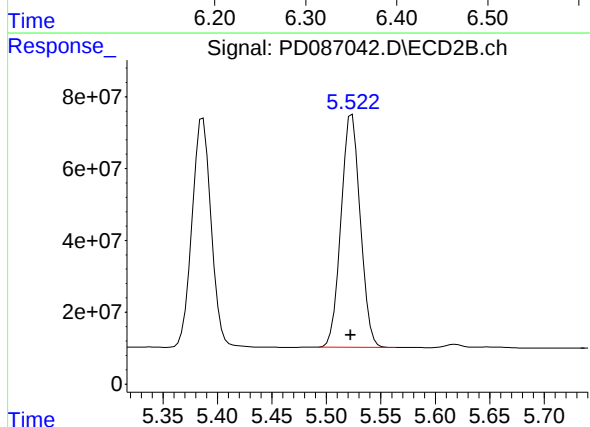
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 181196308
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

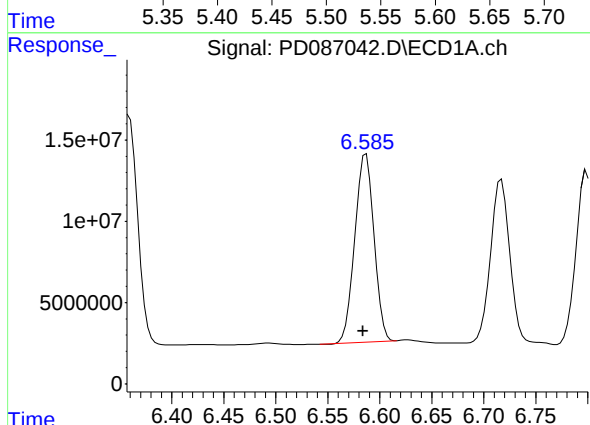
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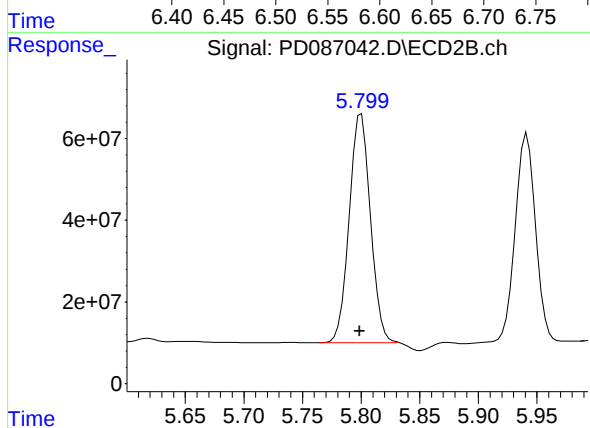
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.001 min
Response: 793147449
Conc: 50.93 ng/ml



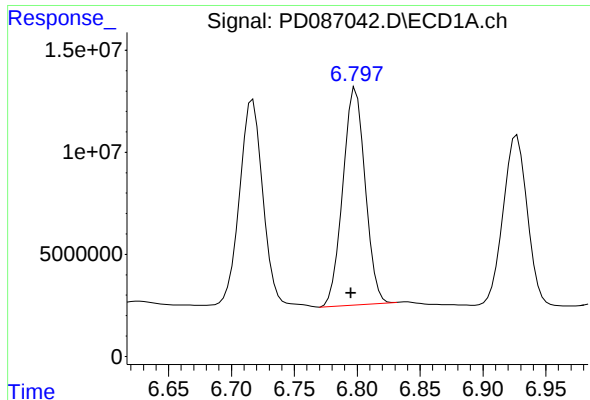
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 148571798
Conc: 49.10 ng/ml



#14 Endrin

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 706675200
Conc: 50.52 ng/ml m



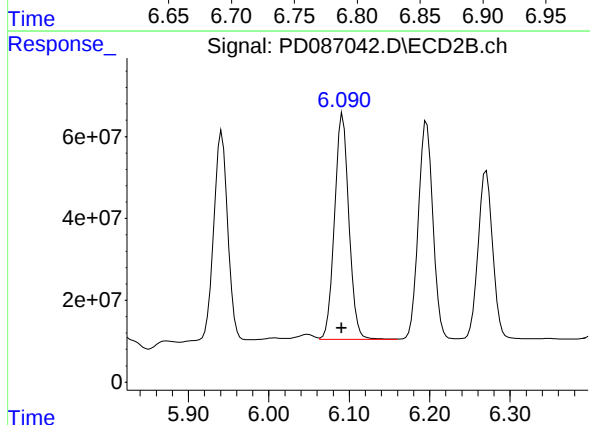
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.004 min
Response: 130840771
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

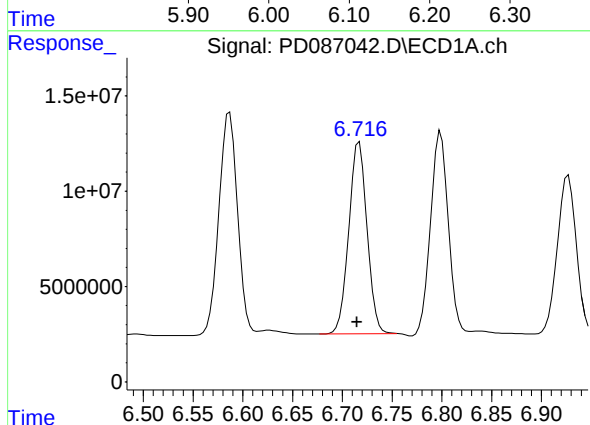
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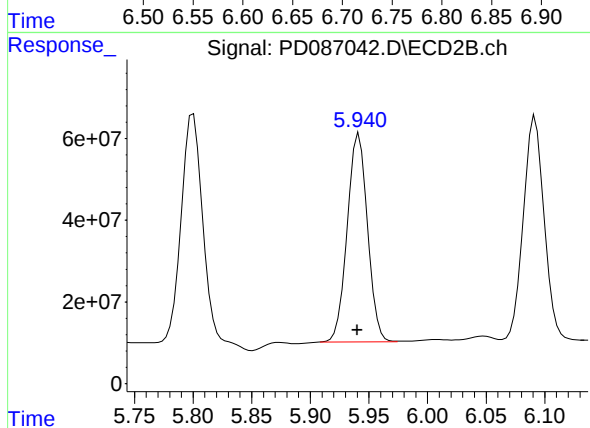
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: 0.002 min
Response: 685852590
Conc: 49.83 ng/ml



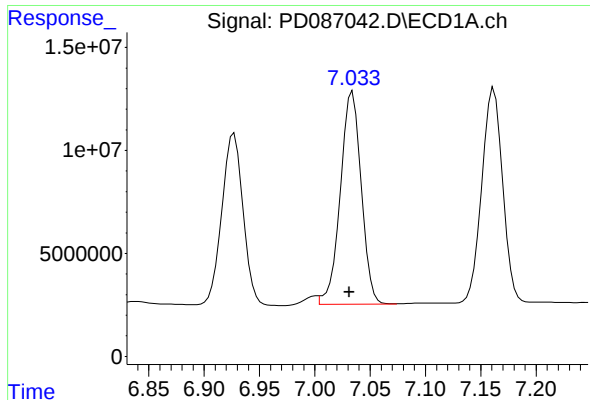
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 128885384
Conc: 49.58 ng/ml m



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 614235096
Conc: 48.87 ng/ml m



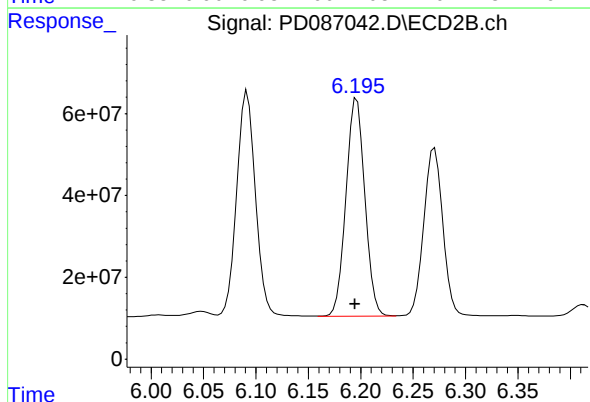
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 135631506
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

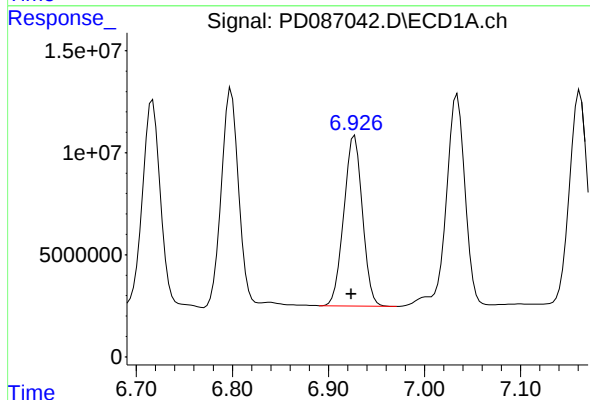
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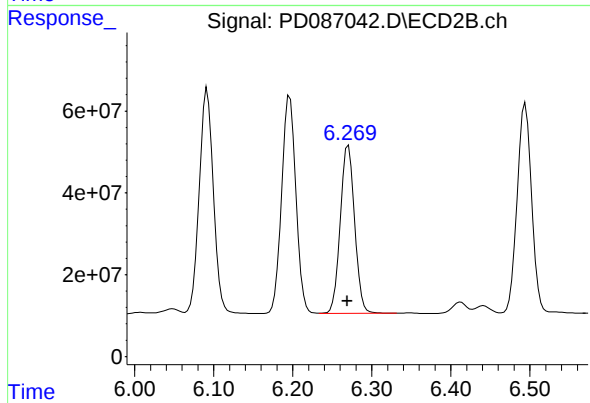
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 671219851
Conc: 50.34 ng/ml



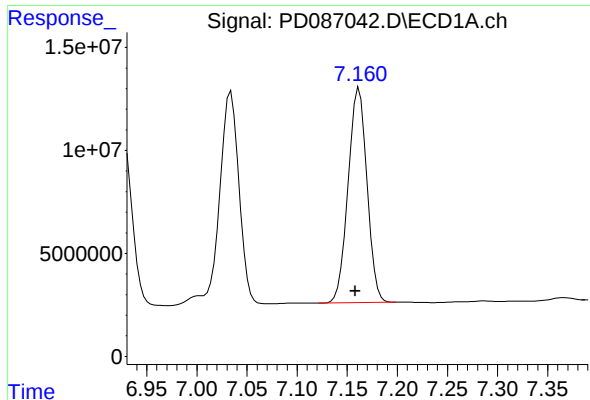
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 111289356
Conc: 45.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 519899307
Conc: 46.86 ng/ml



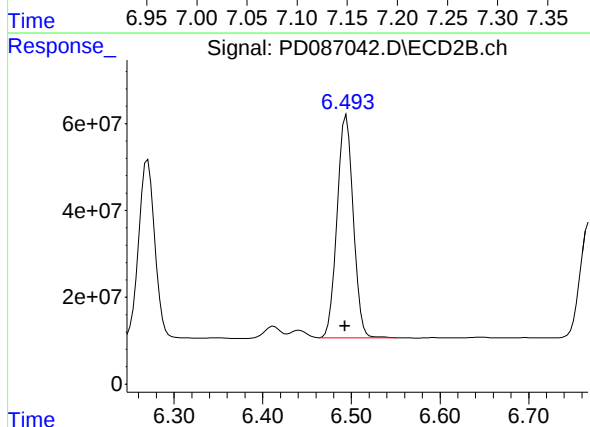
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 136730726
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

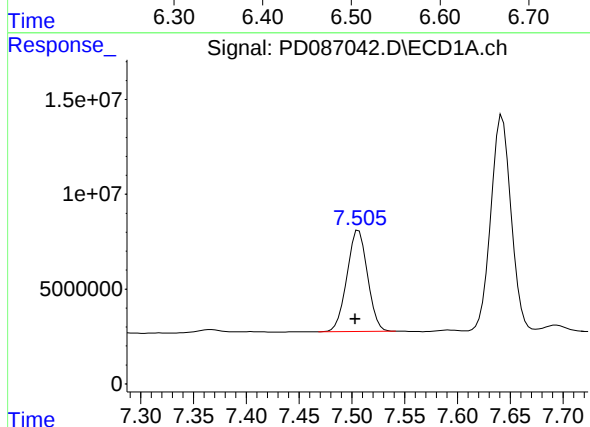
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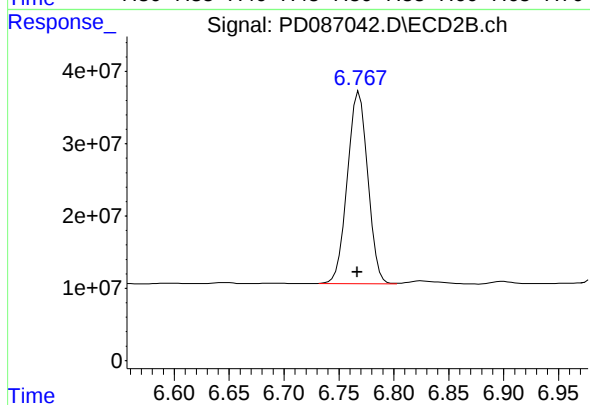
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: 0.002 min
Response: 649820434
Conc: 48.03 ng/ml



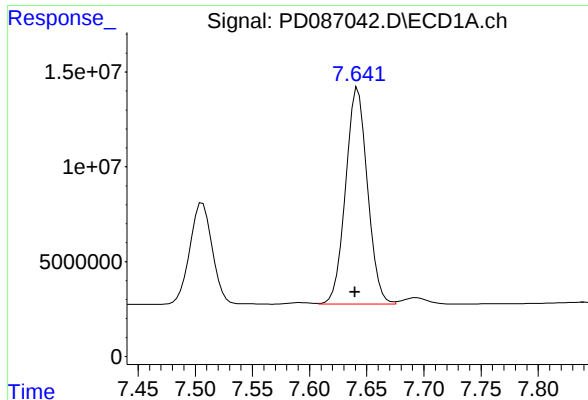
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 72455775
Conc: 45.31 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 344547825
Conc: 48.03 ng/ml



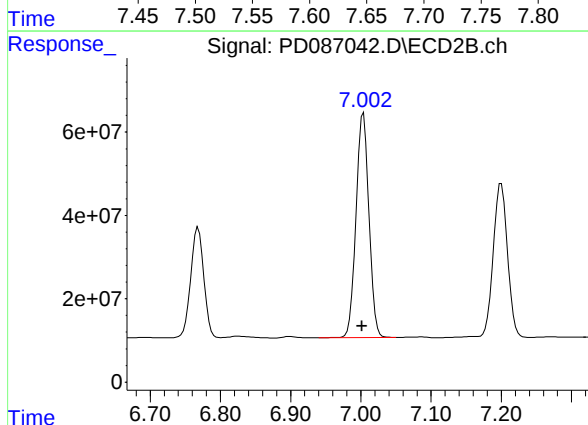
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.003 min
Response: 152181800
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

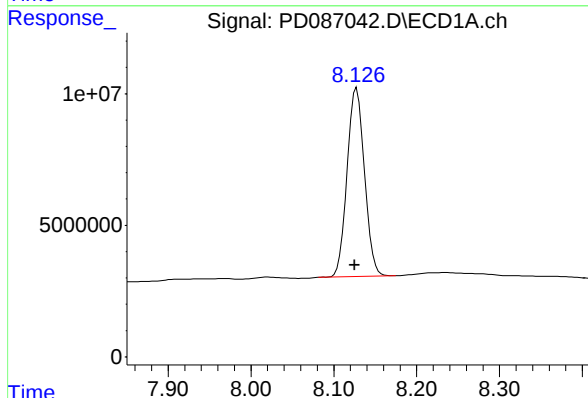
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2024
Supervised By :Ankita Jodhani 12/06/2024



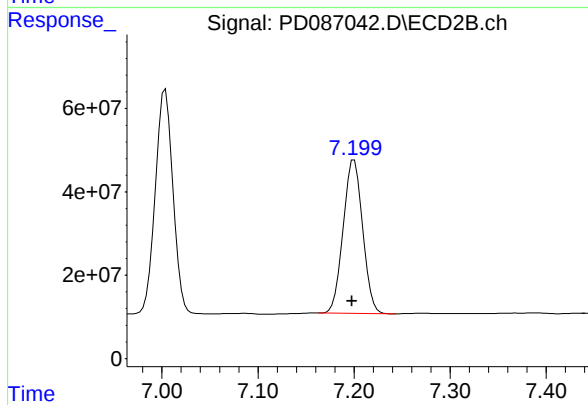
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 689625914
Conc: 45.76 ng/ml



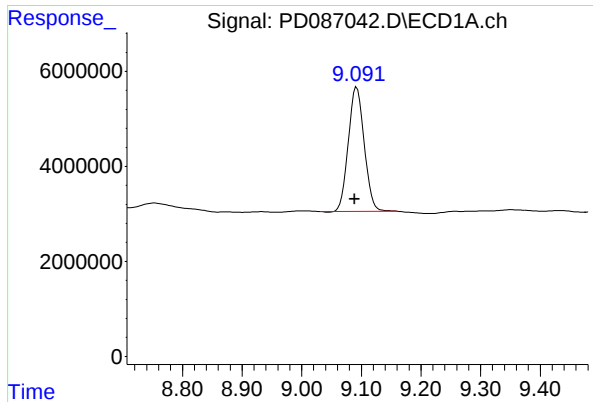
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.002 min
Response: 104587389
Conc: 41.92 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 514341999
Conc: 41.71 ng/ml



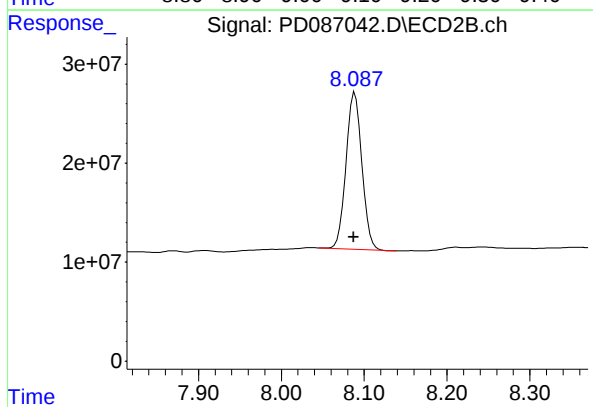
#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.004 min
Response: 48406484
Conc: 15.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/06/2024



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.002 min
Response: 211019384
Conc: 15.15 ng/ml