

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
 Data File : PD084231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 15:52
 Operator : AR\AJ
 Sample : PB162486BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB162486BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/06/2024
 Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:19:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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 x0.5 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...	3.561	2.771	18355495	106.5E6	17.952	18.530
28)	SA Decachlor...	9.114	7.894	35447753	107.1E6	15.528	16.669
Target Compounds							
2)	A alpha-BHC	4.018	3.270	87060397	403.4E6	44.321	45.504
3)	MA gamma-BHC...	4.352	3.598	87557090	387.5E6	45.307	48.462
4)	MA Heptachlor	4.944	3.935	85885165	367.6E6	43.176	45.253
5)	MB Aldrin	5.288	4.214	92127244	381.6E6	45.270	47.529
6)	B beta-BHC	4.550	3.895	34673439	161.7E6	43.713	45.946
7)	B delta-BHC	4.797	4.123	88793929	394.6E6	48.839m	47.427
8)	B Heptachlo...	5.715	4.715	83469964	346.0E6	46.822	48.147
9)	A Endosulfan I	6.103	5.084	81273677	330.9E6	42.033	47.984
10)	B gamma-Chl...	5.972	4.964	84132729	352.3E6	42.077	46.473
11)	B alpha-Chl...	6.051	5.028	83157999	348.3E6	41.703	46.641
12)	B 4,4'-DDE	6.224	5.216	81366834	332.4E6	40.816	46.661
13)	MA Dieldrin	6.379	5.348	84359610	341.0E6	40.896	45.417
14)	MA Endrin	6.610	5.622	64429578	267.8E6	36.097	40.491m
15)	B Endosulfa...	6.829	5.917	75638175	274.3E6	39.611	42.936
16)	A 4,4'-DDD	6.742	5.770	62606700	267.6E6	41.327	48.310
17)	MA 4,4'-DDT	7.058	6.020	58077787	225.9E6	33.815	39.384
18)	B Endrin al...	6.960	6.096	61818279	230.8E6	42.085	45.999
19)	B Endosulfa...	7.195	6.319	71265446	264.9E6	39.231	43.287
20)	A Methoxychlor	7.535	6.595	33538555	114.5E6	34.038	38.804
21)	B Endrin ke...	7.682	6.824	83761378	295.7E6	40.558	43.680
22)	Mirex	8.157	7.004	58709866	204.9E6	36.048	37.815

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
Data File : PD084231.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2024 15:52
Operator : AR\AJ
Sample : PB162486BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

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ClientSampleId :

PB162486BS

Manual Integrations

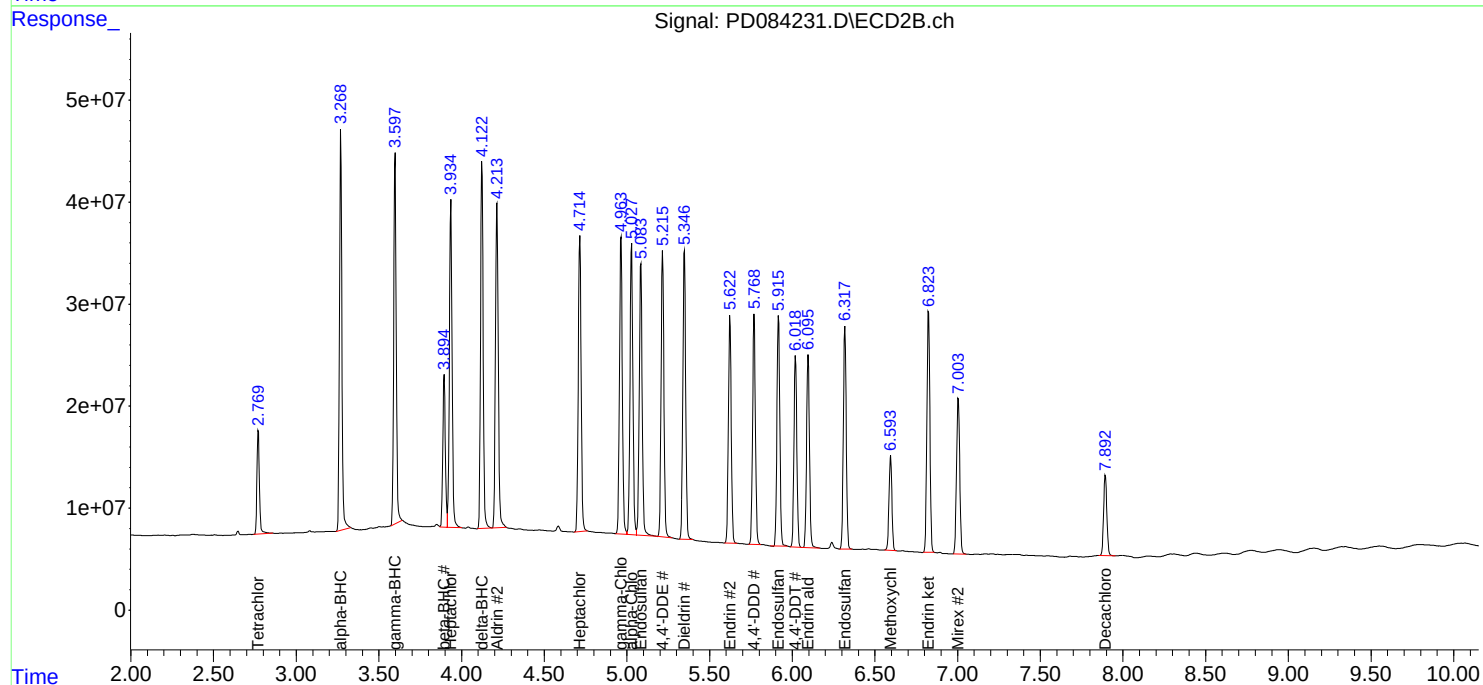
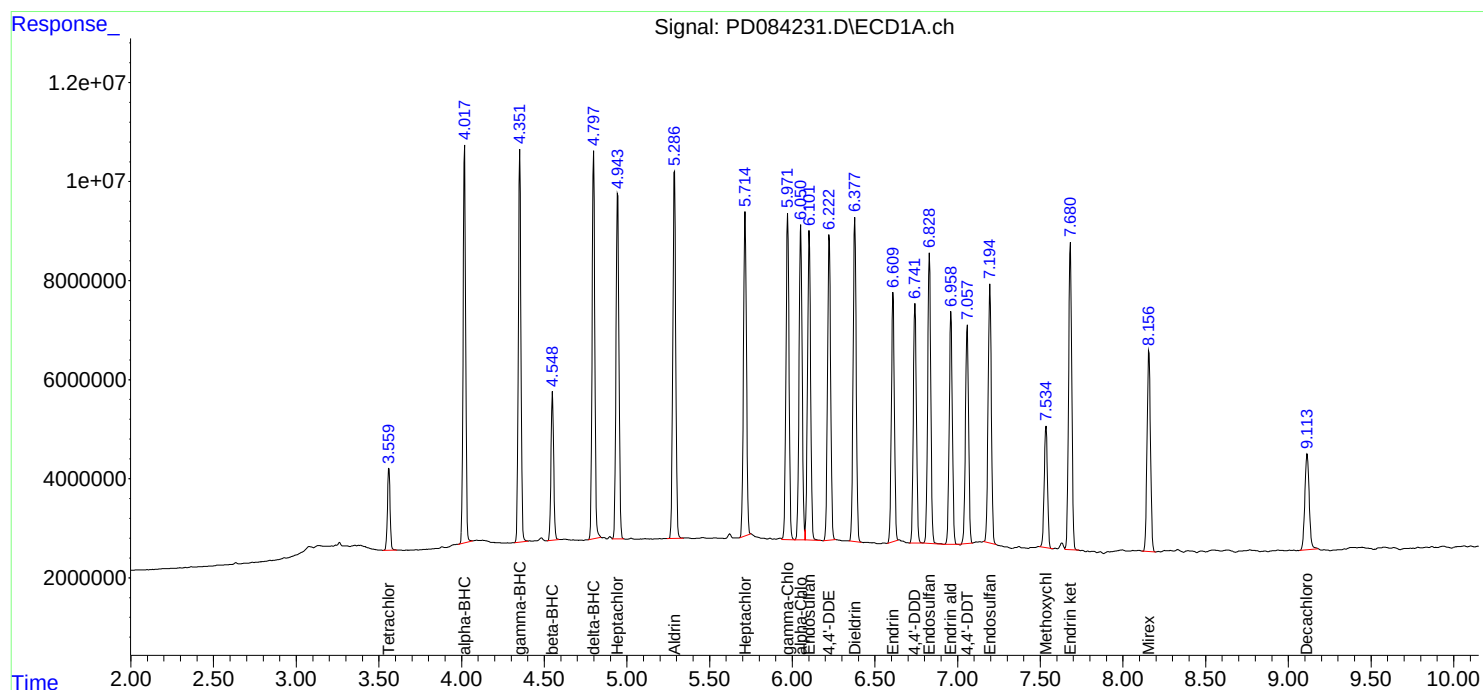
APPROVED

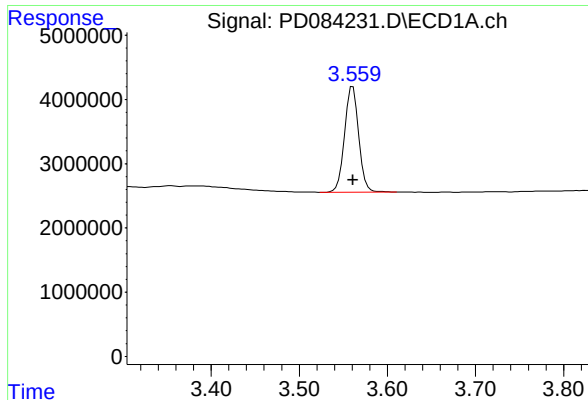
Reviewed By :Abdul Mirza 08/06/2024

Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:19:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response via : Initial Calibration
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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





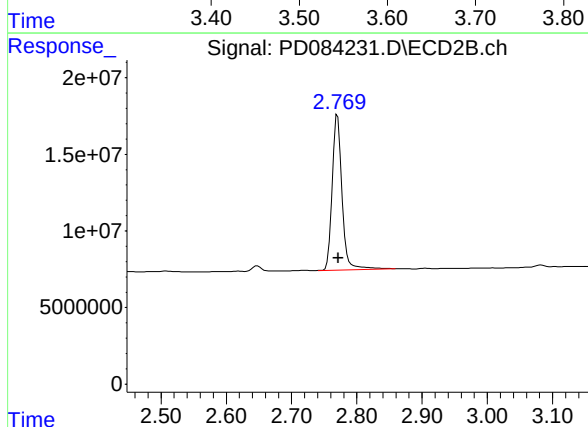
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 18355495
Conc: 17.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

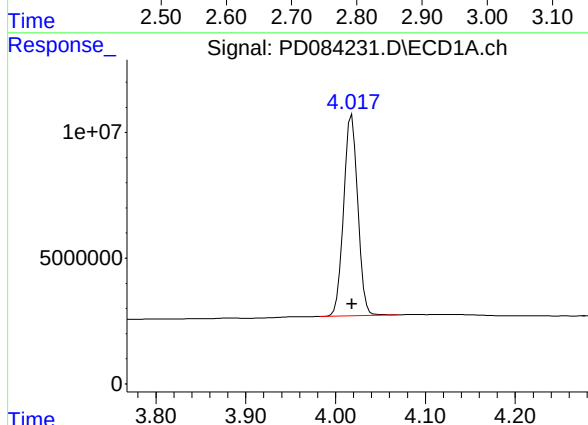
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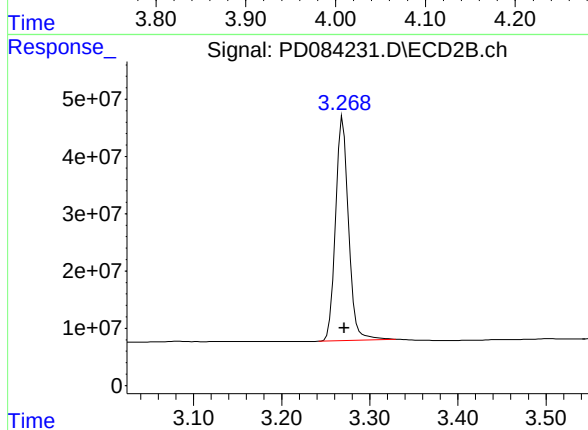
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 106540379
Conc: 18.53 ng/ml



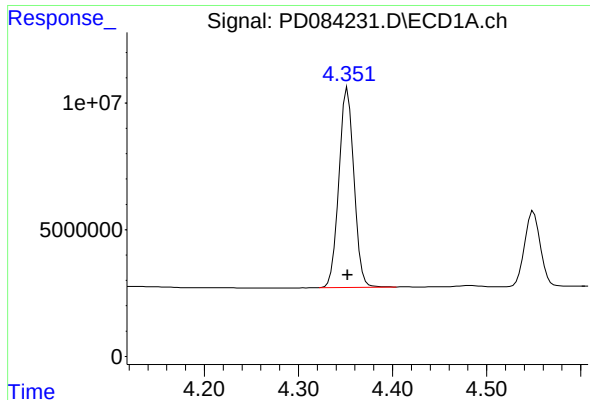
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 87060397
Conc: 44.32 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.002 min
Response: 403423606
Conc: 45.50 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 87557090
Conc: 45.31 ng/ml

Instrument :

ECD_D

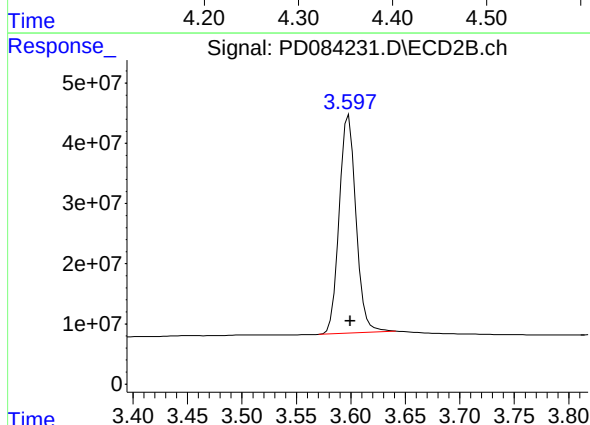
ClientSampleId :

PB162486BS

Manual Integrations

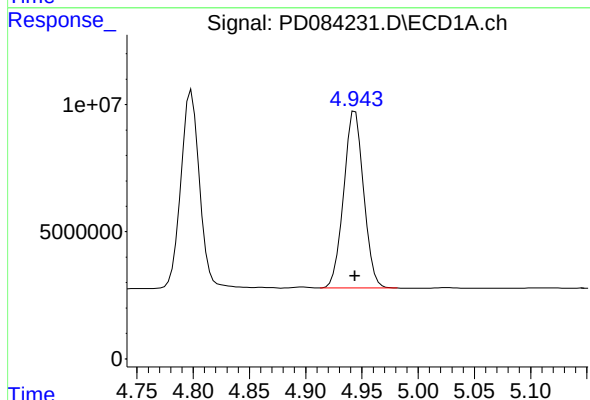
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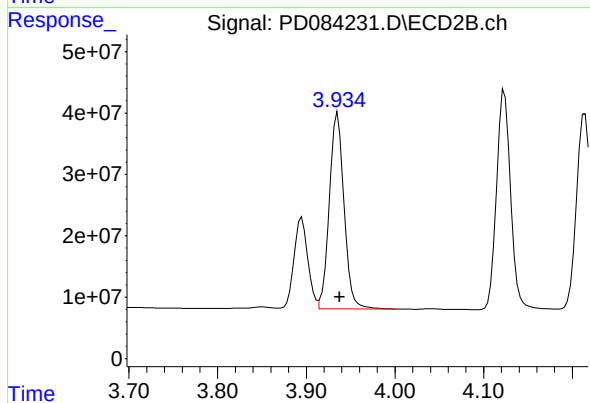
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 387493213
Conc: 48.46 ng/ml



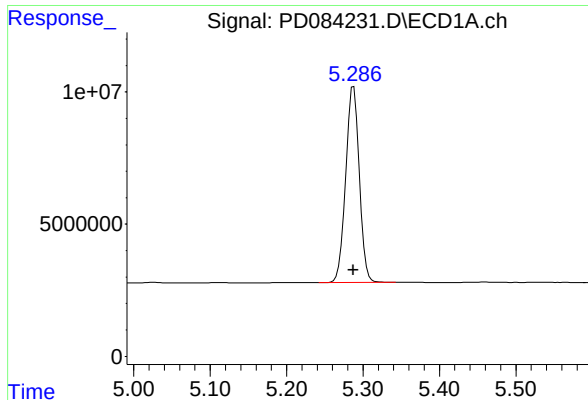
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 85885165
Conc: 43.18 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 367603864
Conc: 45.25 ng/ml



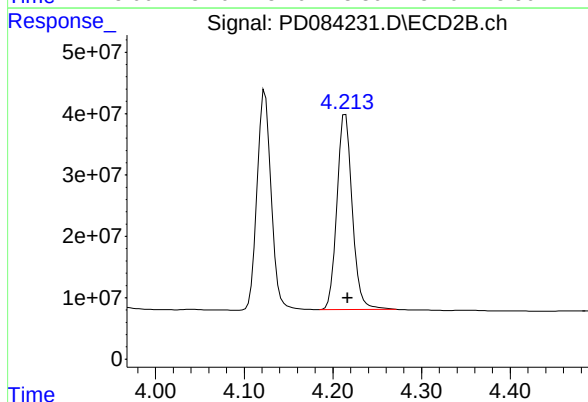
#5 Aldrin

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 92127244
Conc: 45.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

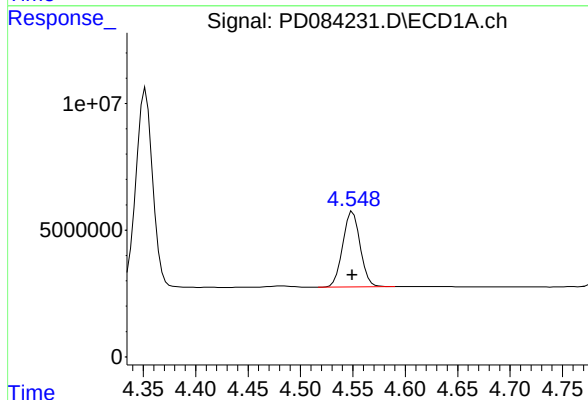
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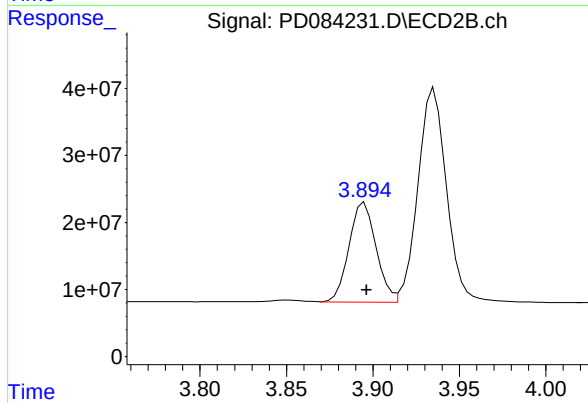
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 381610899
Conc: 47.53 ng/ml



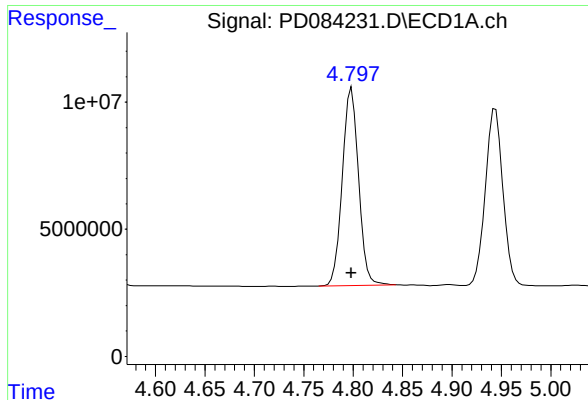
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 34673439
Conc: 43.71 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 161661586
Conc: 45.95 ng/ml



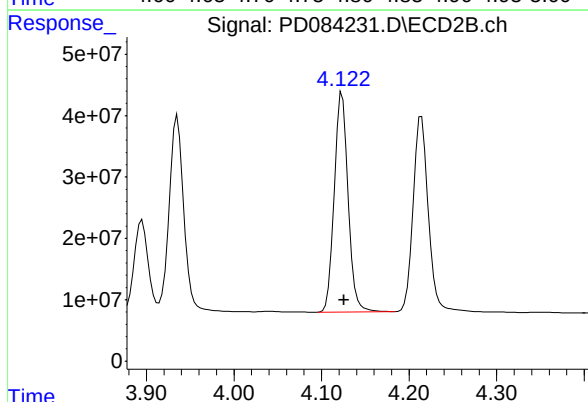
#7 delta-BHC

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 88793929
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

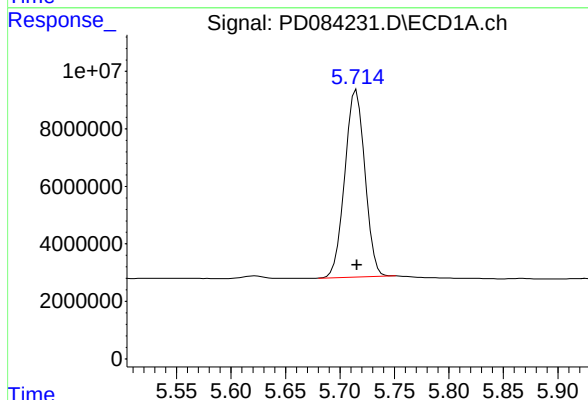
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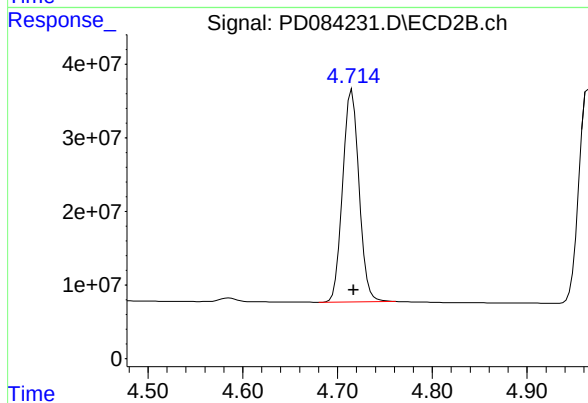
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.002 min
Response: 394609513
Conc: 47.43 ng/ml



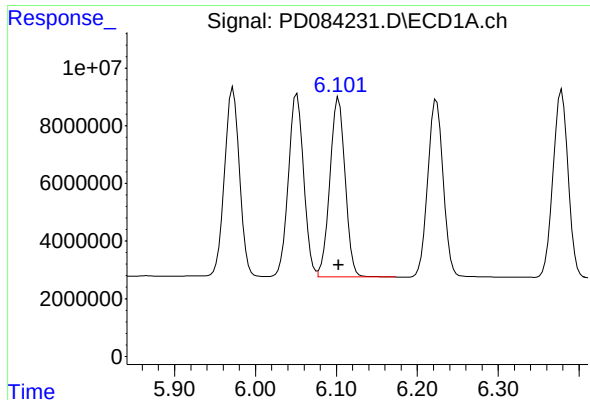
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 83469964
Conc: 46.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 346020088
Conc: 48.15 ng/ml



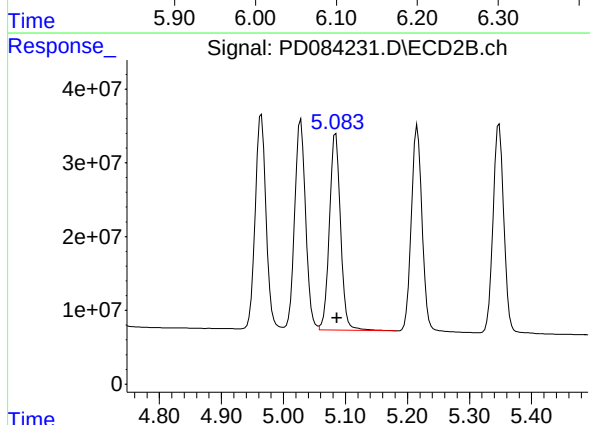
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 81273677
Conc: 42.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

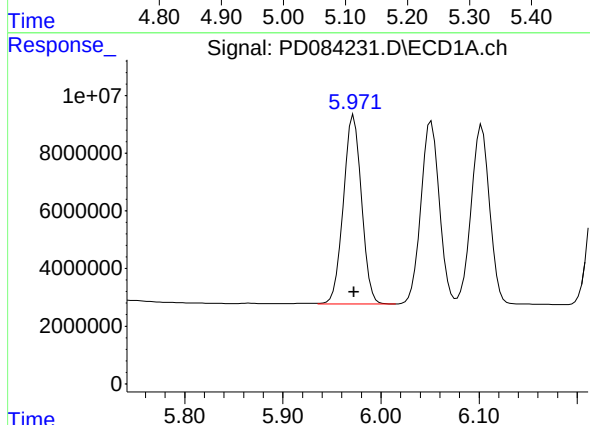
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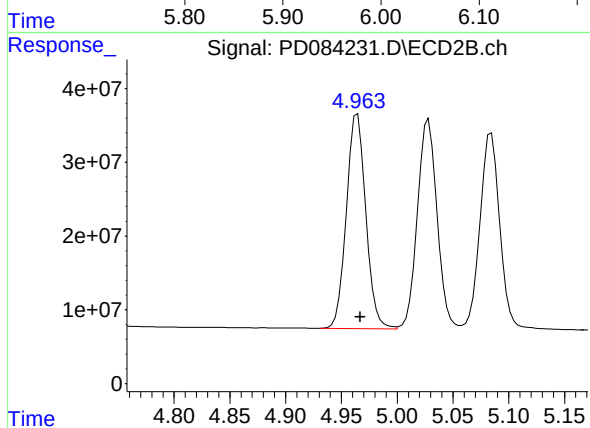
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 330908242
Conc: 47.98 ng/ml



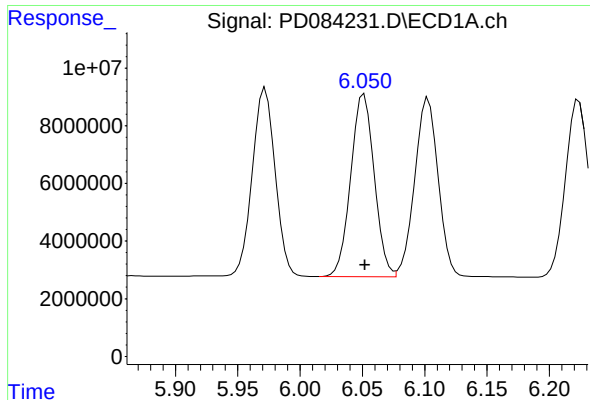
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 84132729
Conc: 42.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 352300510
Conc: 46.47 ng/ml



#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 83157999
Conc: 41.70 ng/ml

Instrument :

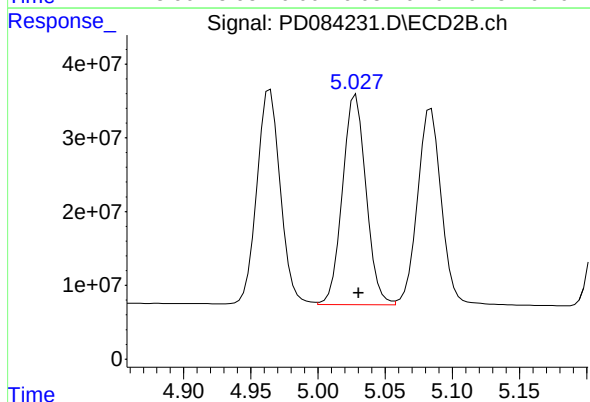
ECD_D

ClientSampleId :

PB162486BS

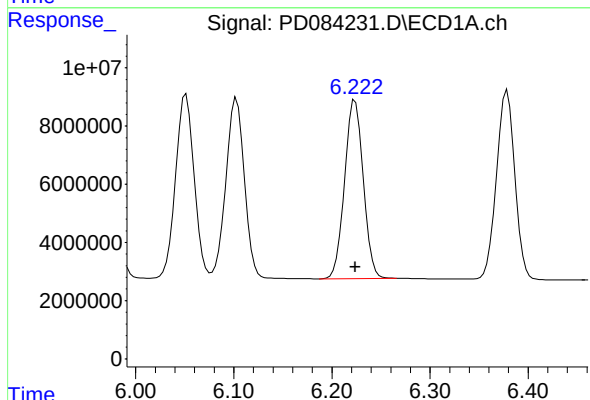
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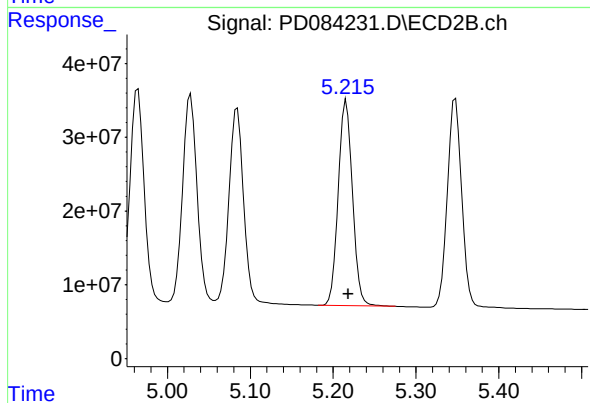
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 348302173
Conc: 46.64 ng/ml



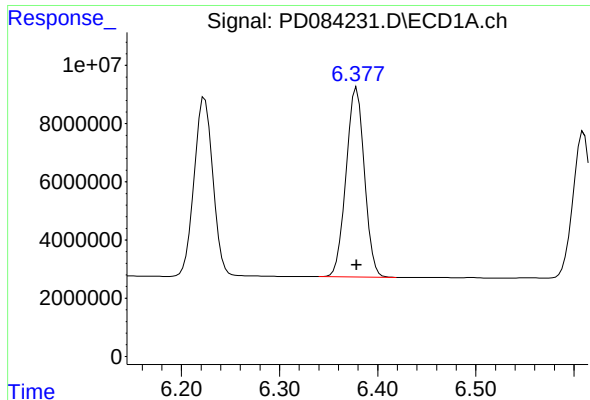
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 81366834
Conc: 40.82 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 332444612
Conc: 46.66 ng/ml



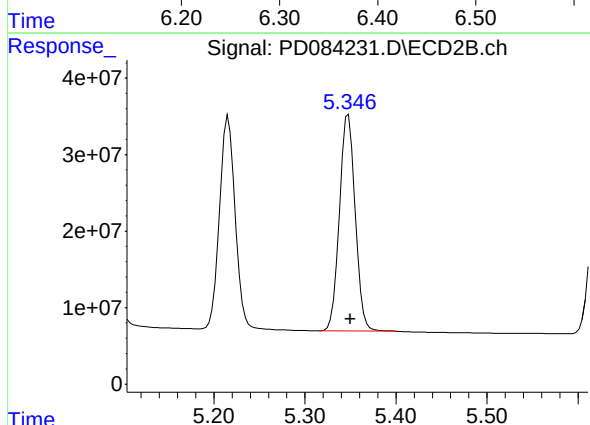
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 84359610
Conc: 40.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

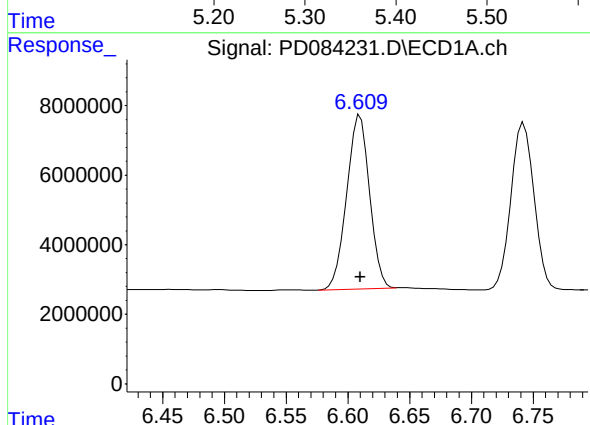
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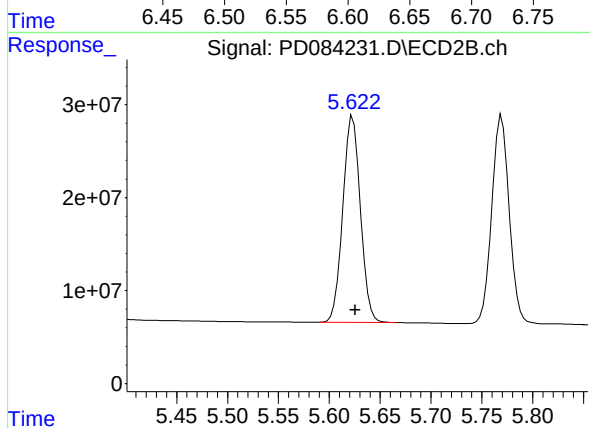
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 341001147
Conc: 45.42 ng/ml



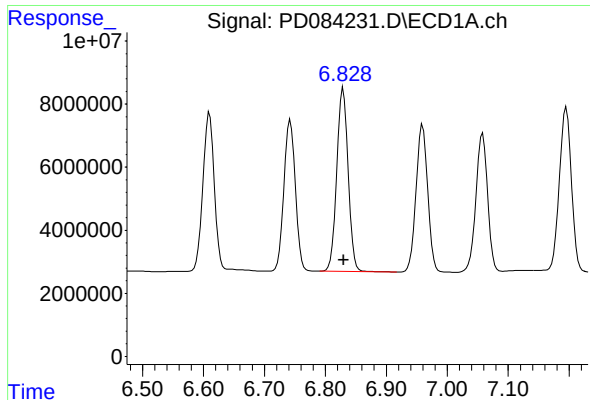
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 64429578
Conc: 36.10 ng/ml



#14 Endrin

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 267767490
Conc: 40.49 ng/ml m



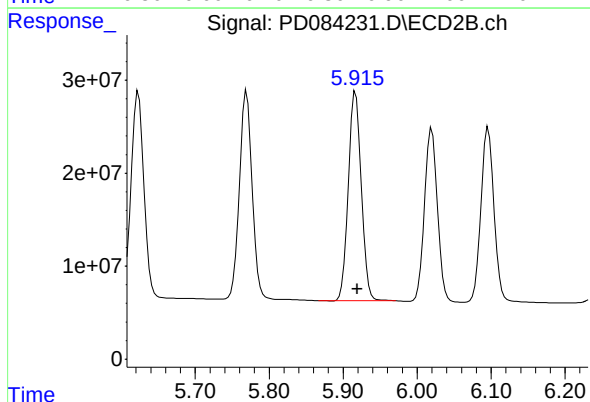
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 75638175
Conc: 39.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

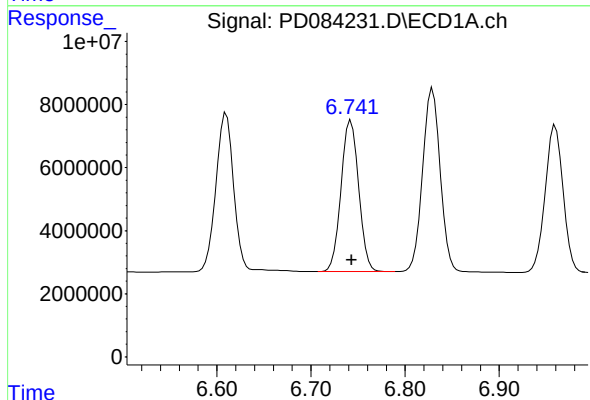
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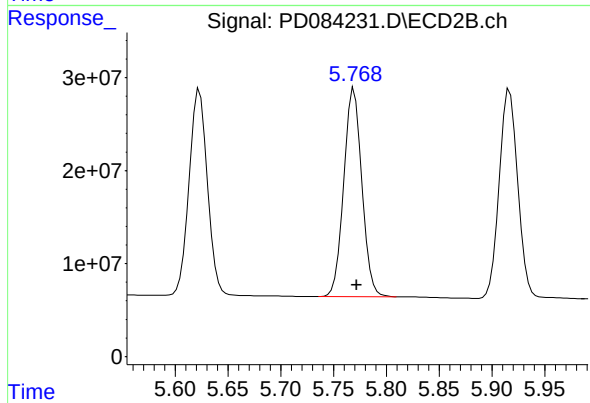
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 274322412
Conc: 42.94 ng/ml



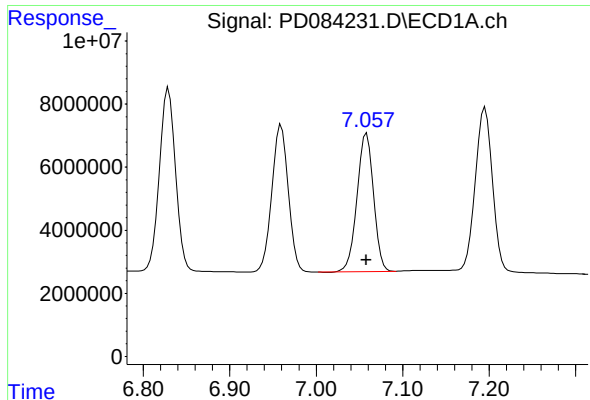
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 62606700
Conc: 41.33 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 267572604
Conc: 48.31 ng/ml



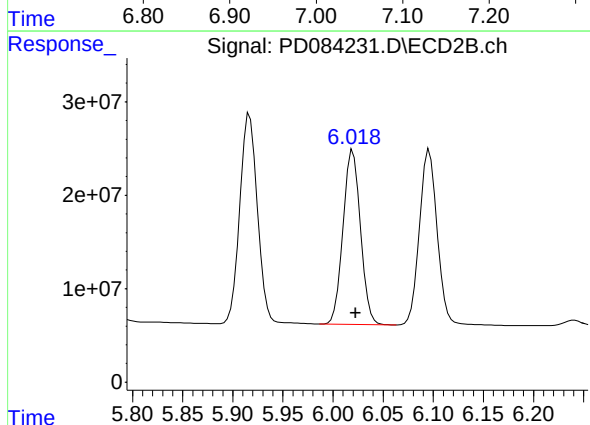
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 58077787
Conc: 33.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

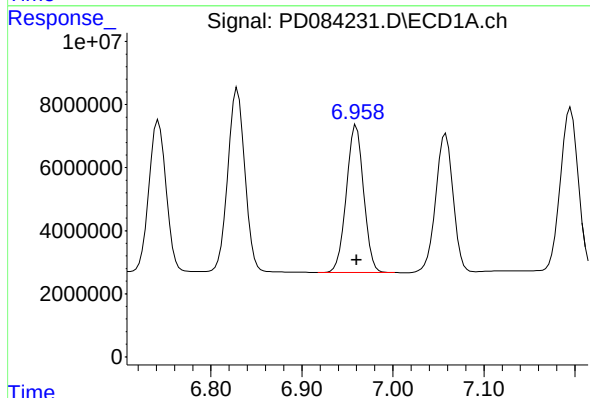
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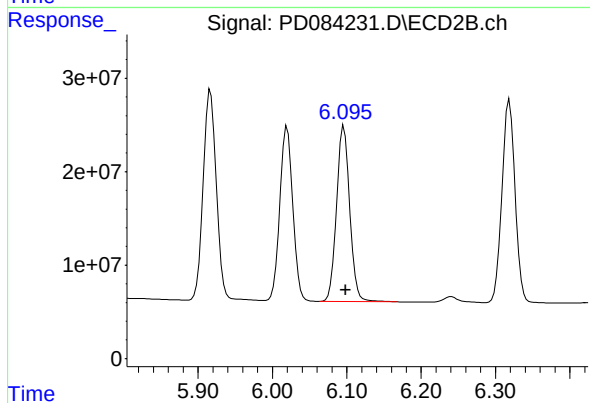
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 225901327
Conc: 39.38 ng/ml



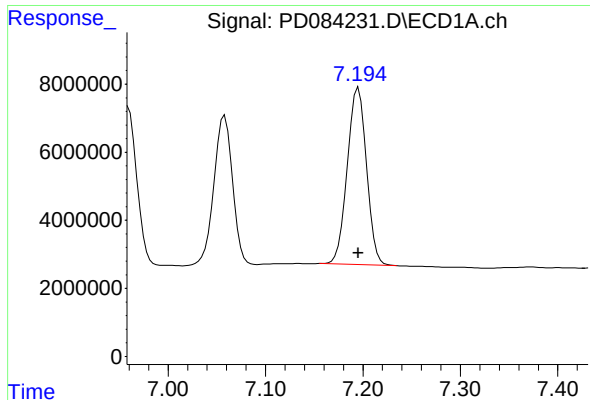
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 61818279
Conc: 42.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 230832944
Conc: 46.00 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 71265446
Conc: 39.23 ng/ml

Instrument :

ECD_D

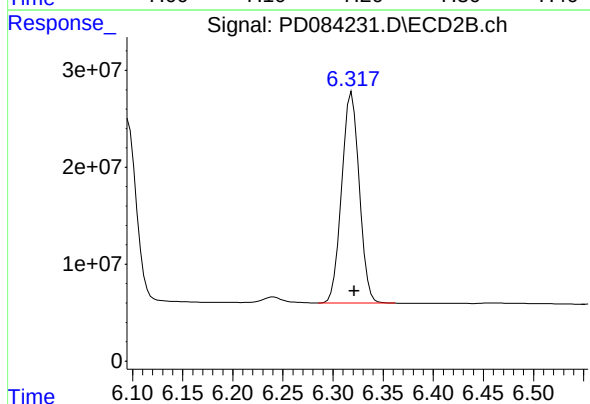
ClientSampleId :

PB162486BS

Manual Integrations

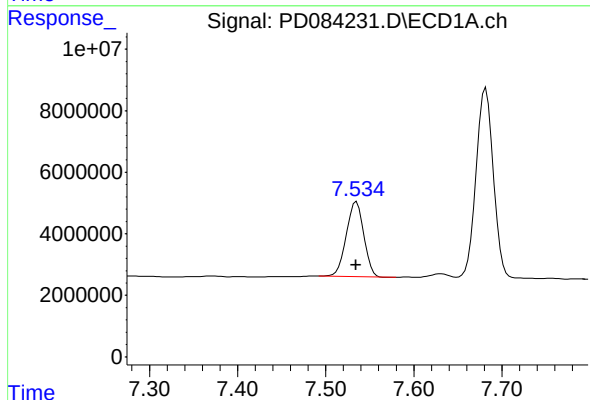
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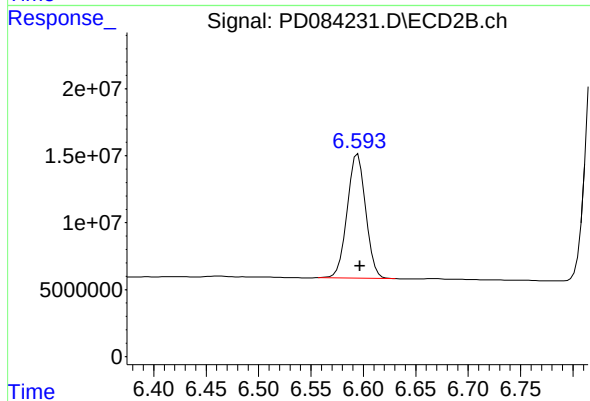
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 264917739
Conc: 43.29 ng/ml



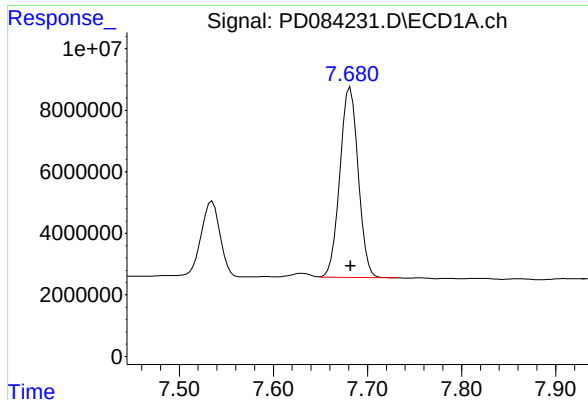
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 33538555
Conc: 34.04 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 114465157
Conc: 38.80 ng/ml



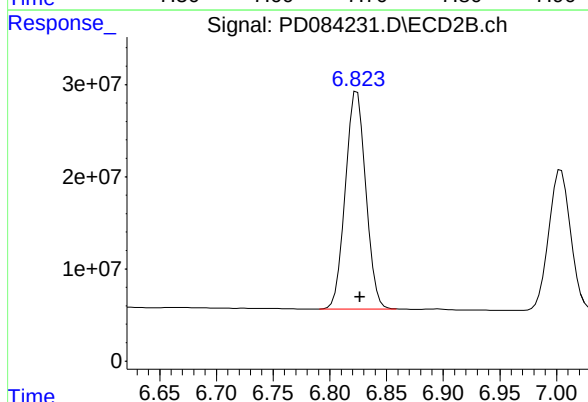
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 83761378
Conc: 40.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

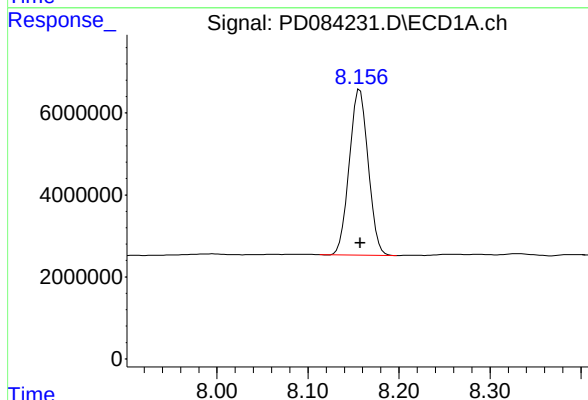
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Supervised By :Ankita Jodhani 08/06/2024



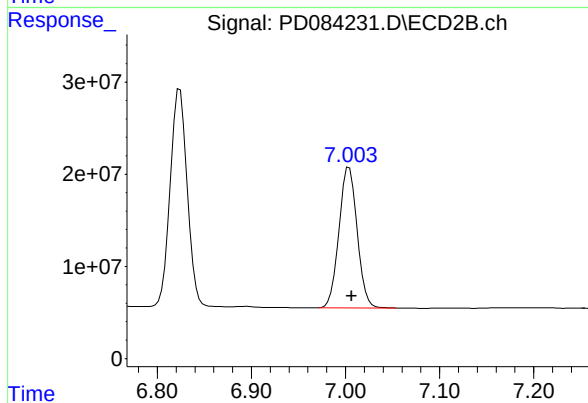
#21 Endrin ketone

R.T.: 6.824 min
Delta R.T.: -0.003 min
Response: 295724118
Conc: 43.68 ng/ml



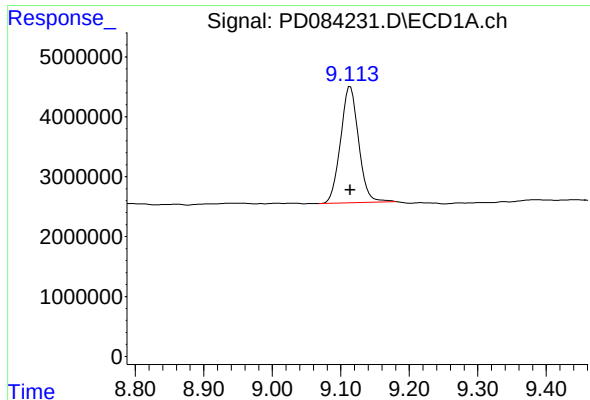
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 58709866
Conc: 36.05 ng/ml



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 204925264
Conc: 37.81 ng/ml



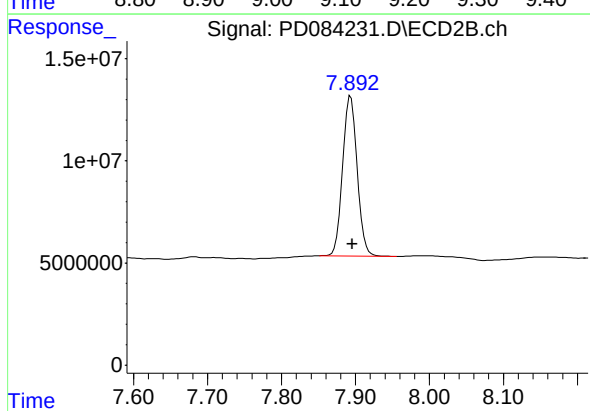
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 35447753
Conc: 15.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162486BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 107050808
Conc: 16.67 ng/ml