

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071524\
 Data File : PD083931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 11:35
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:00:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:00:12 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	2.772	101.2E6	559.5E6	100.524	100.137
28)	SA Decachlor...	9.117	7.897	217.5E6	601.5E6	99.891	98.966
Target Compounds							
2)	A alpha-BHC	4.019	3.271	212.5E6	887.6E6	104.673	100.997
3)	MA gamma-BHC...	4.353	3.600	204.5E6	801.3E6	103.711	100.588
4)	MA Heptachlor	4.945	3.938	205.6E6	802.8E6	102.596	100.355
5)	MB Aldrin	5.288	4.216	209.1E6	798.7E6	102.713	100.649
6)	B beta-BHC	4.550	3.897	78438492	338.7E6	100.471	99.805
7)	B delta-BHC	4.799	4.126	191.9E6	830.0E6	104.197	100.748
8)	B Heptachlo...	5.716	4.717	187.5E6	699.3E6	102.538	99.752
9)	A Endosulfan I	6.104	5.087	194.1E6	675.5E6	101.923	99.704
10)	B gamma-Chl...	5.973	4.967	203.9E6	749.8E6	102.509	100.341
11)	B alpha-Chl...	6.053	5.031	202.3E6	733.9E6	102.334	100.131
12)	B 4,4'-DDE	6.225	5.219	202.0E6	705.1E6	102.310	100.365
13)	MA Dieldrin	6.380	5.350	212.9E6	742.3E6	102.758	100.192
14)	MA Endrin	6.611	5.626	184.0E6	648.7E6	102.977	99.885
15)	B Endosulfa...	6.829	5.920	189.6E6	623.0E6	101.559m	99.754
16)	A 4,4'-DDD	6.744	5.772	157.7E6	548.2E6	103.443	100.262
17)	MA 4,4'-DDT	7.059	6.023	181.1E6	598.7E6	103.895	101.890
18)	B Endrin al...	6.961	6.099	144.2E6	476.5E6	101.266	99.291
19)	B Endosulfa...	7.197	6.322	178.0E6	590.7E6	101.047	99.436
20)	A Methoxychlor	7.536	6.597	96184410	283.8E6	100.492	99.250
21)	B Endrin ke...	7.684	6.827	205.8E6	653.5E6	101.522	99.334
22)	Mirex	8.159	7.006	152.8E6	511.1E6	99.235	98.991

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071524\
Data File : PD083931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2024 11:35
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC100

Manual Integrations

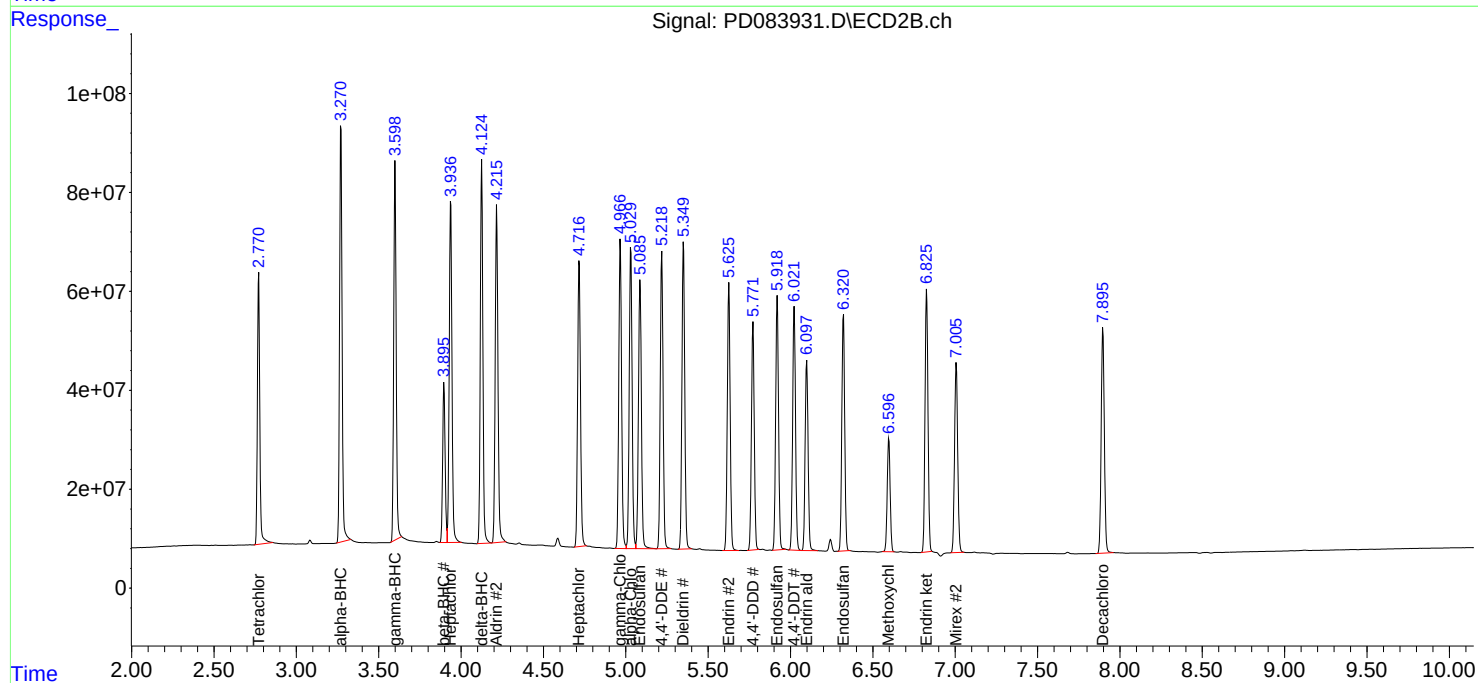
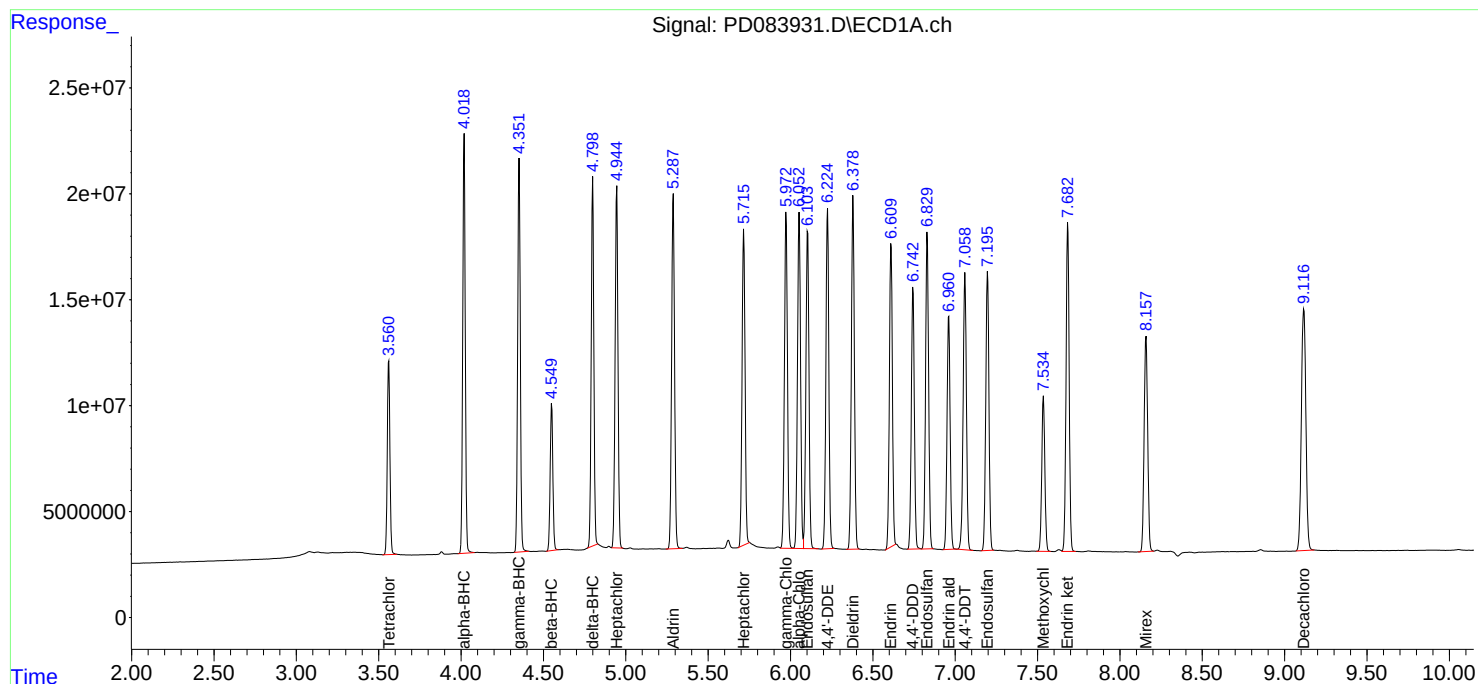
APPROVED

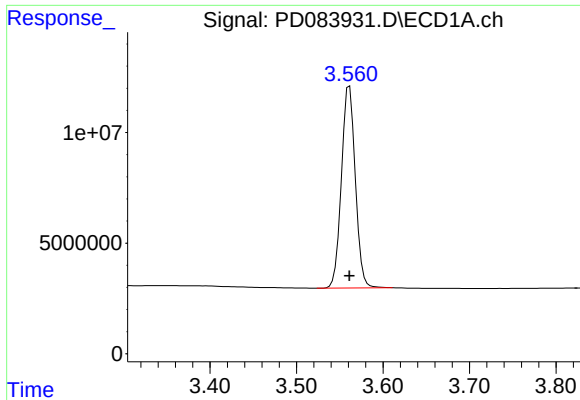
Reviewed By :Abdul Mirza 07/16/2024

Supervised By :Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 04:00:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:00:12 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





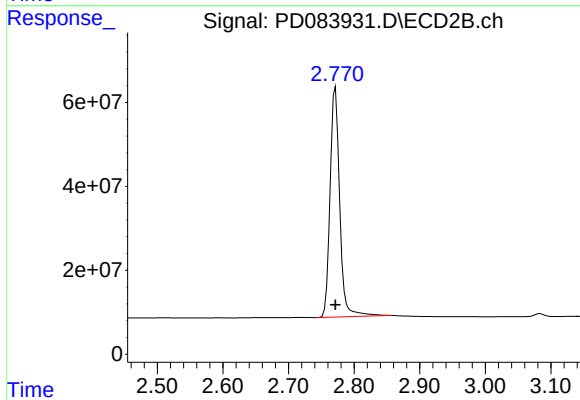
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 101198427
Conc: 100.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

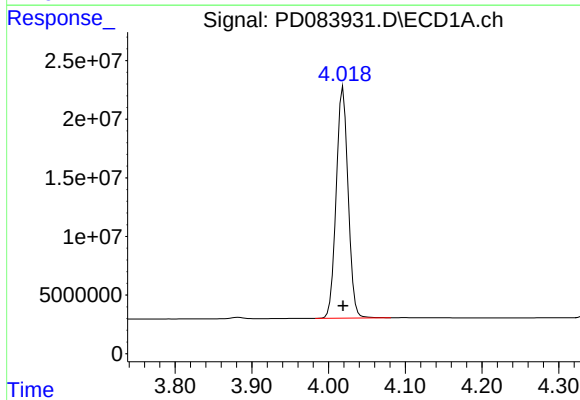
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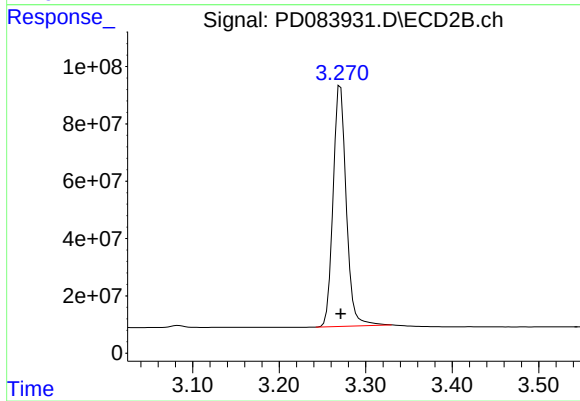
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 559499351
Conc: 100.14 ng/ml



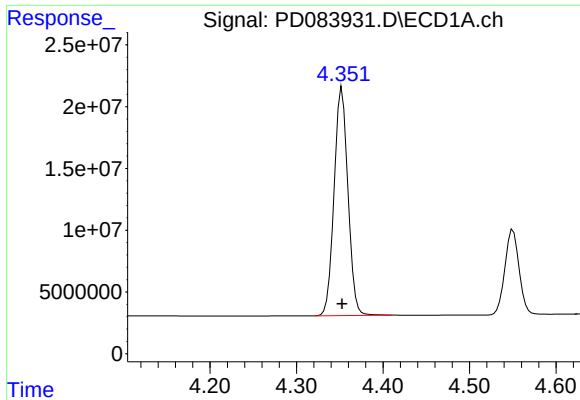
#2 alpha-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 212541658
Conc: 104.67 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 887569266
Conc: 101.00 ng/ml



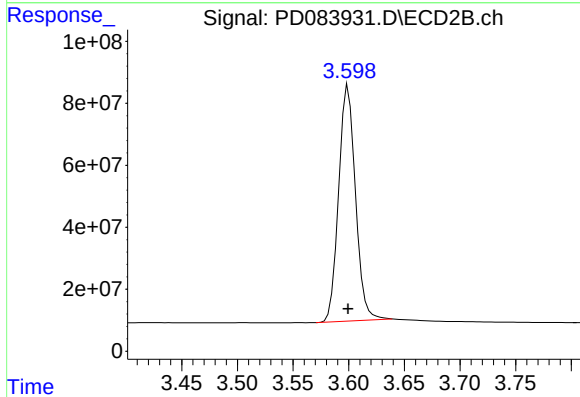
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 204488098
Conc: 103.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

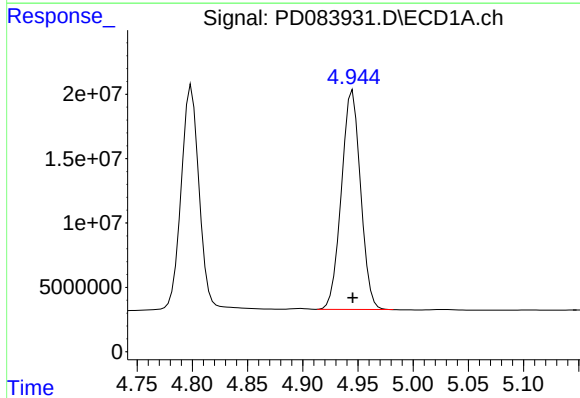
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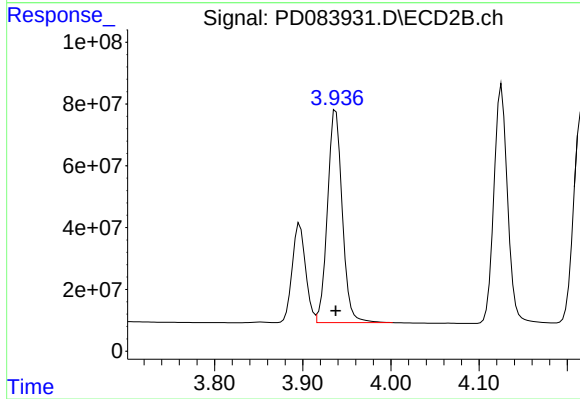
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 801251904
Conc: 100.59 ng/ml



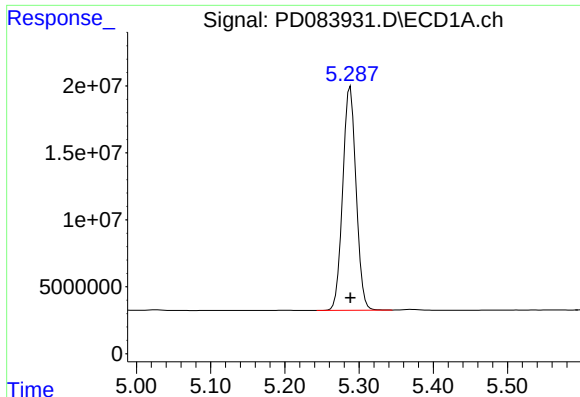
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 205643464
Conc: 102.60 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 802802484
Conc: 100.35 ng/ml



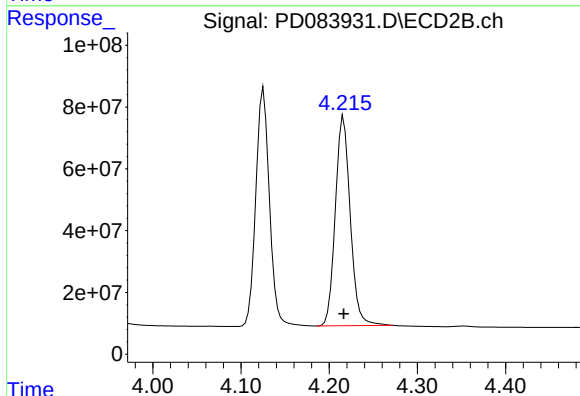
#5 Aldrin

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 209110273
Conc: 102.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

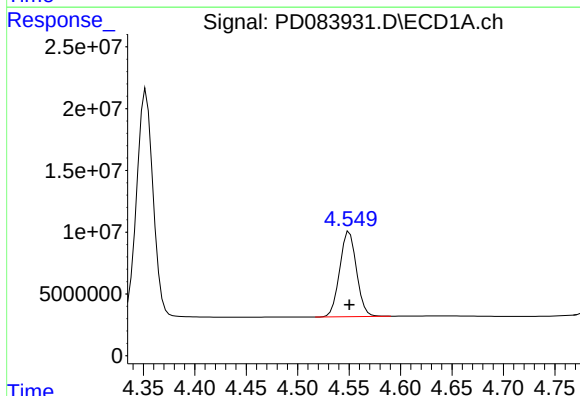
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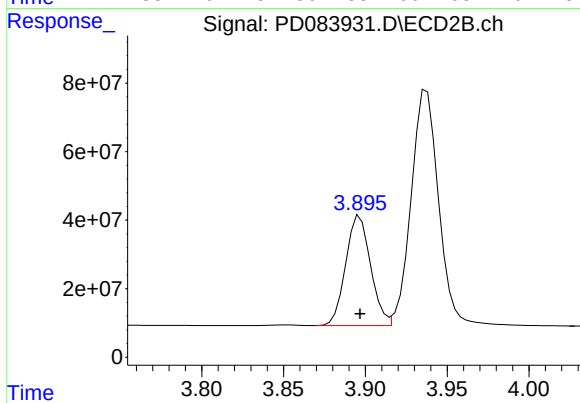
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 798679835
Conc: 100.65 ng/ml



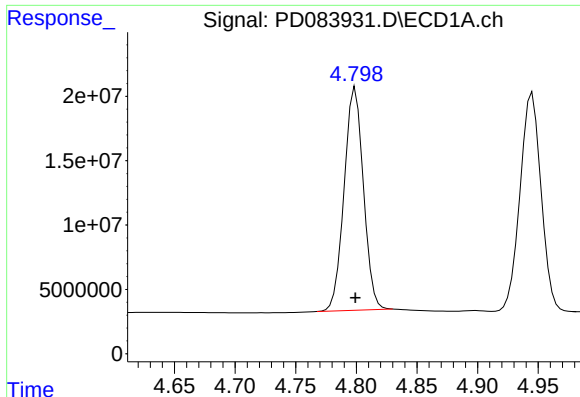
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 78438492
Conc: 100.47 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 338654892
Conc: 99.80 ng/ml



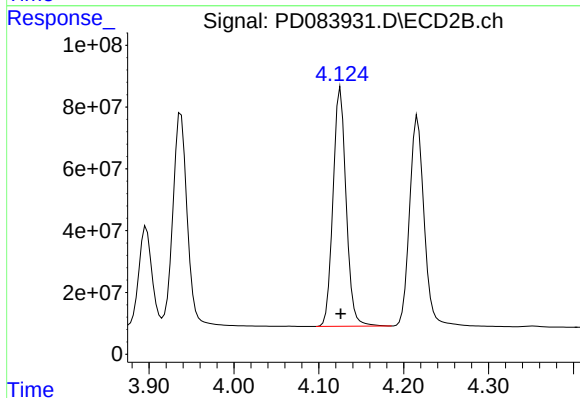
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 191886481
Conc: 104.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

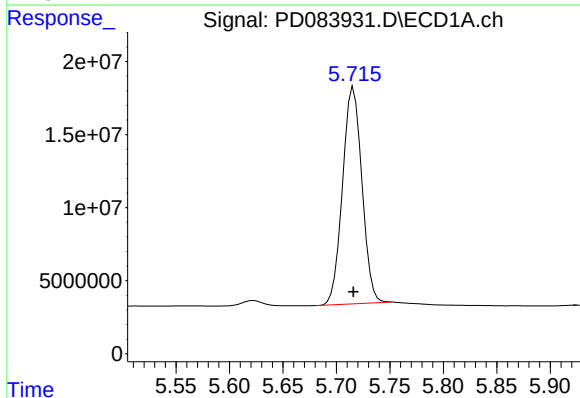
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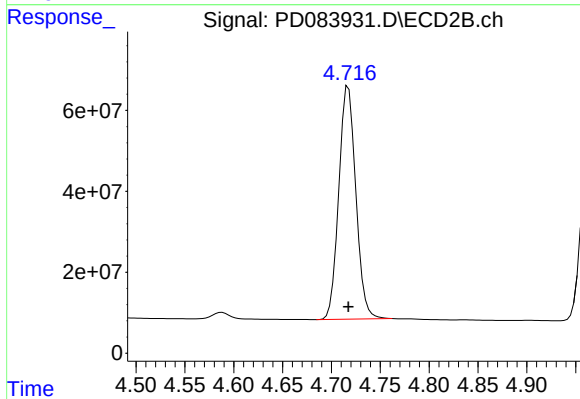
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 829987108
Conc: 100.75 ng/ml



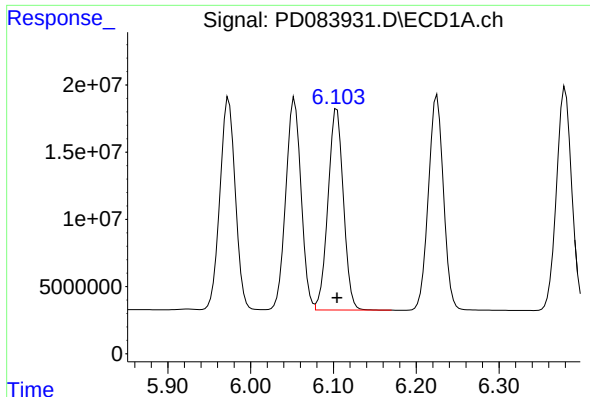
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 187530289
Conc: 102.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 699271655
Conc: 99.75 ng/ml



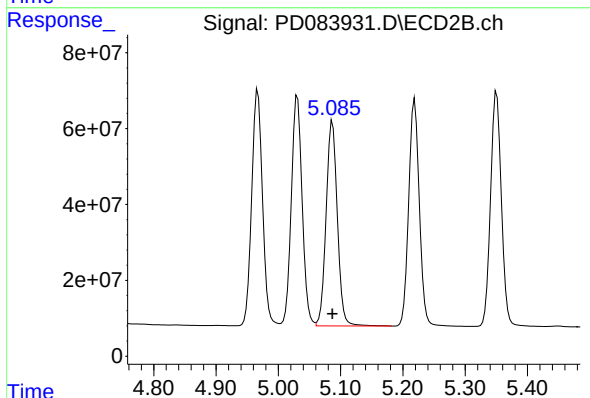
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 194066568
Conc: 101.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

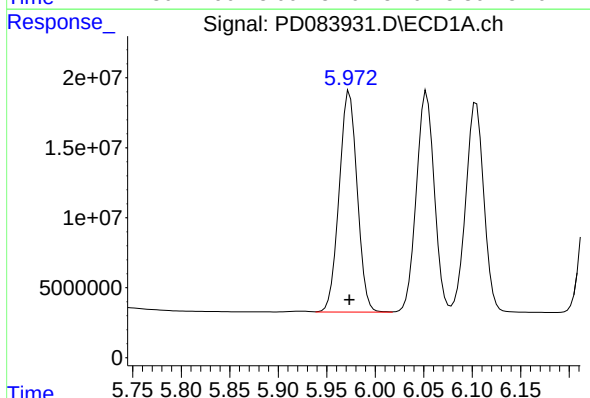
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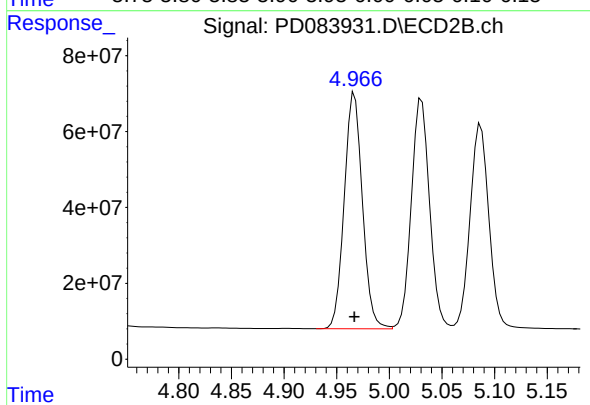
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 675500347
Conc: 99.70 ng/ml



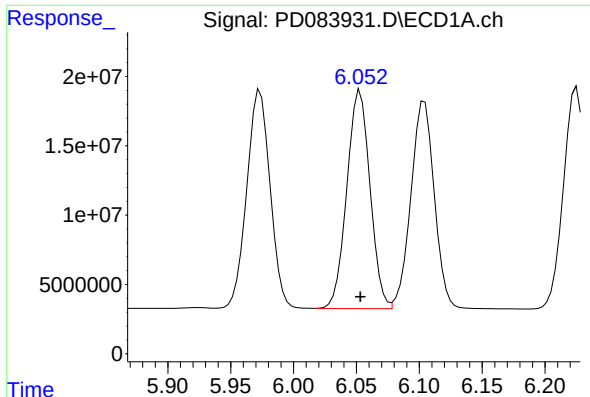
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 203942172
Conc: 102.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 749827132
Conc: 100.34 ng/ml



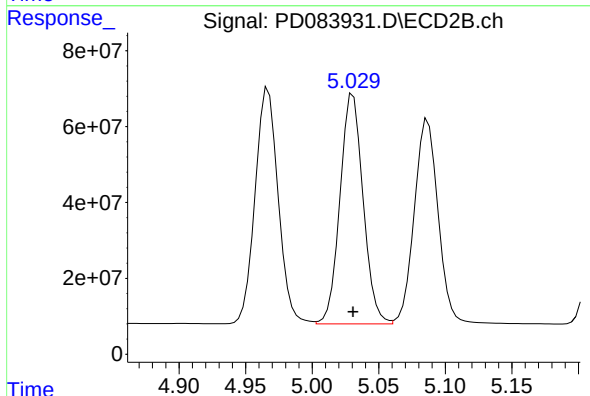
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 202309418
Conc: 102.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

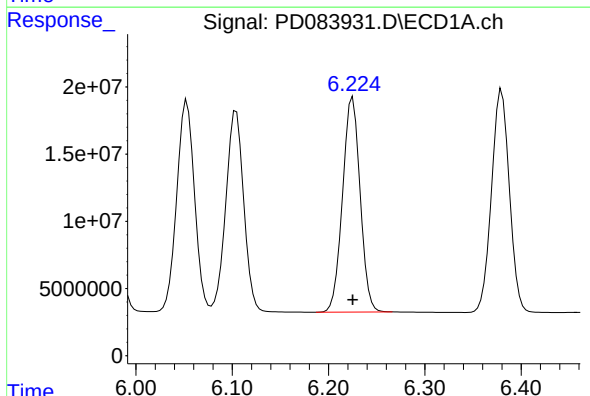
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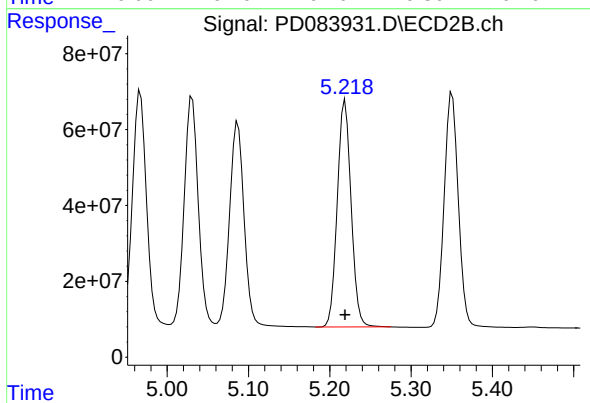
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 733947332
Conc: 100.13 ng/ml



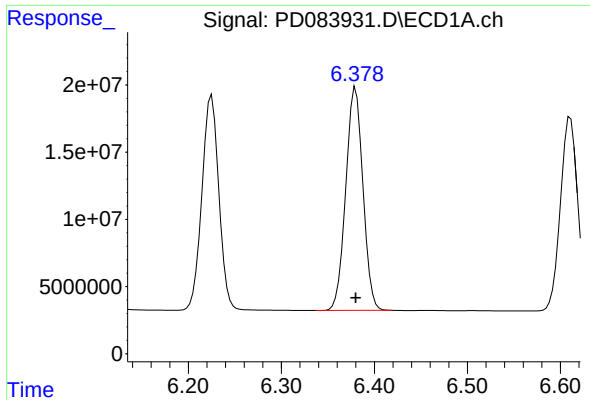
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 201989793
Conc: 102.31 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 705067687
Conc: 100.37 ng/ml



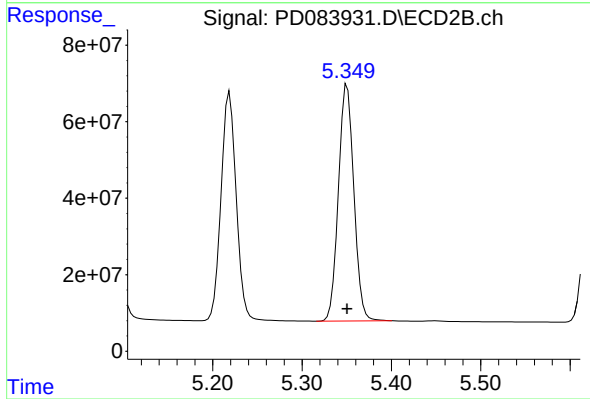
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 212856733
Conc: 102.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

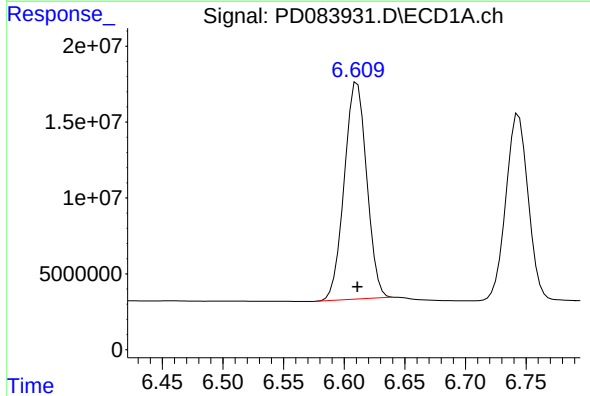
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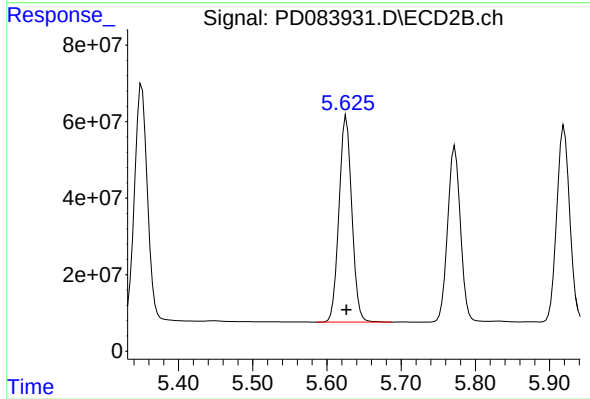
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 742286608
Conc: 100.19 ng/ml



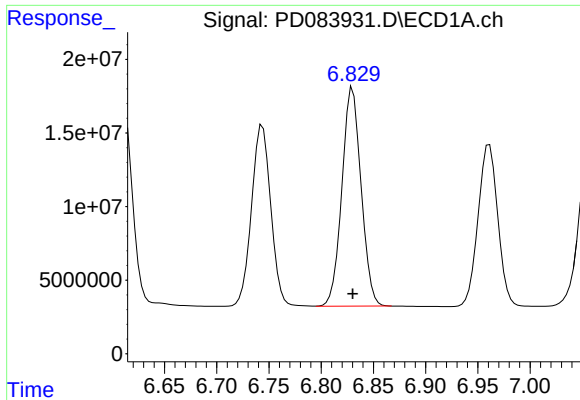
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 183955839
Conc: 102.98 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 648677973
Conc: 99.88 ng/ml



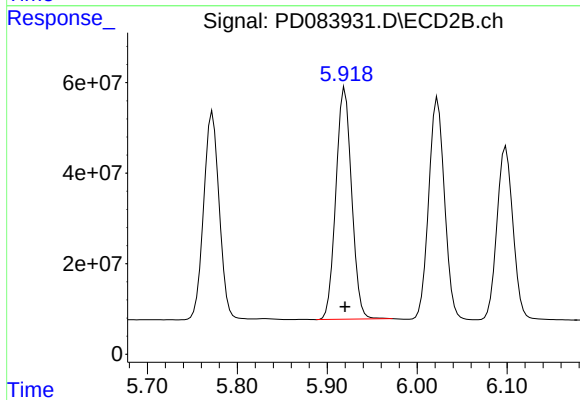
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 189565724
Conc: 101.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

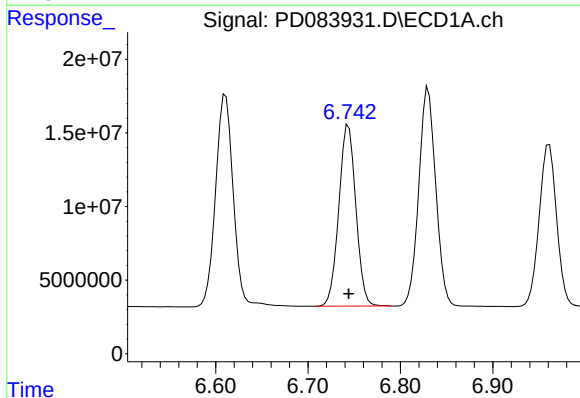
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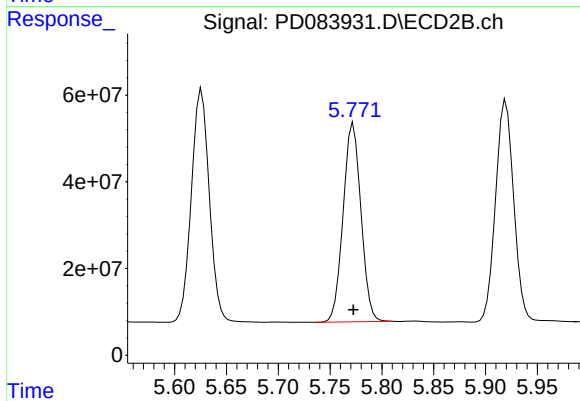
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 623012500
Conc: 99.75 ng/ml



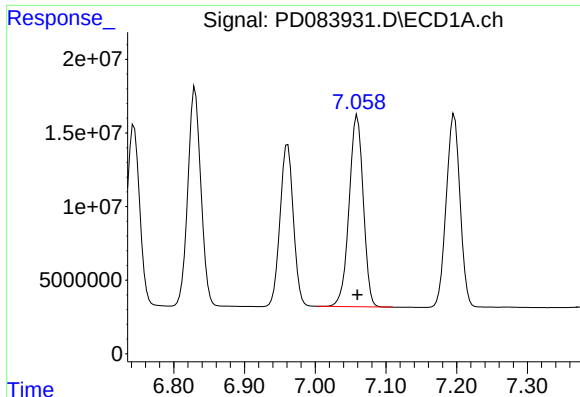
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 157749547
Conc: 103.44 ng/ml



#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 548169097
Conc: 100.26 ng/ml



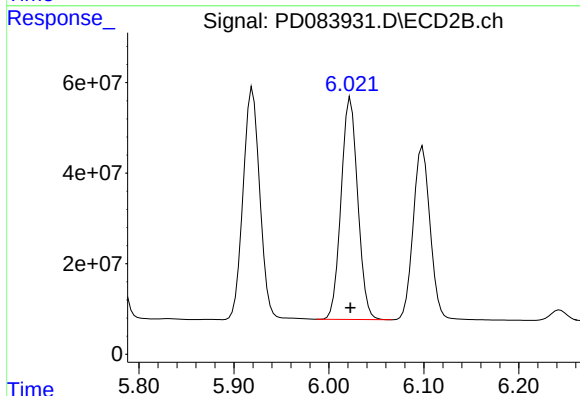
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 181132142
Conc: 103.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

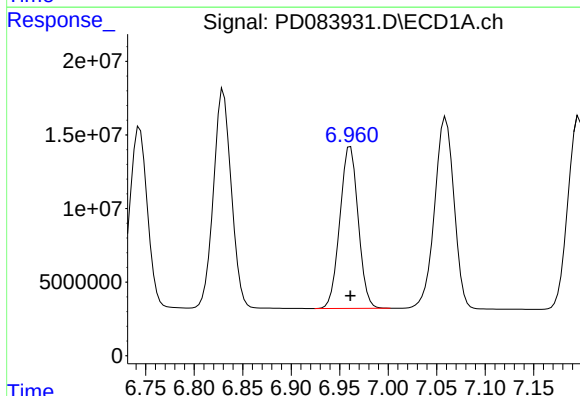
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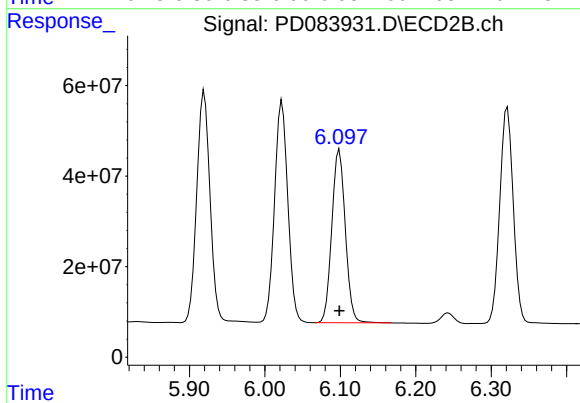
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 598684444
Conc: 101.89 ng/ml



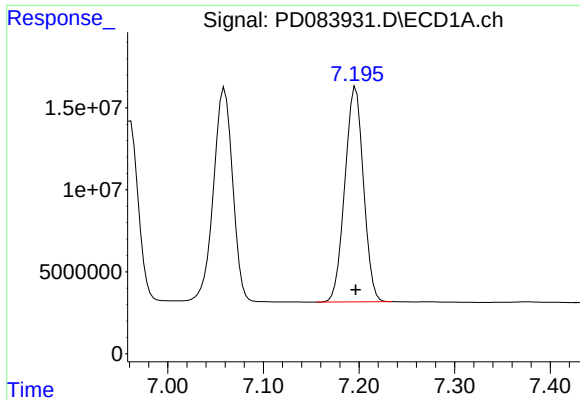
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 144243385
Conc: 101.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 476457035
Conc: 99.29 ng/ml



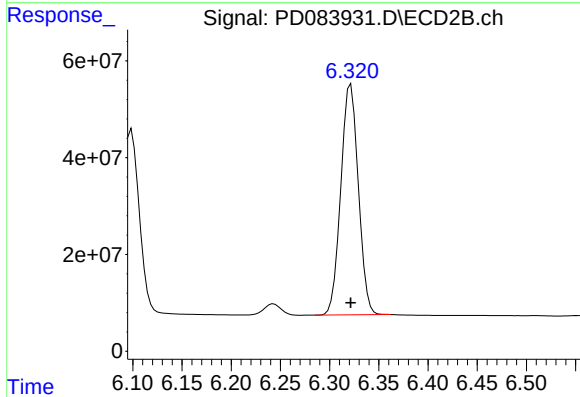
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 178012928
Conc: 101.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

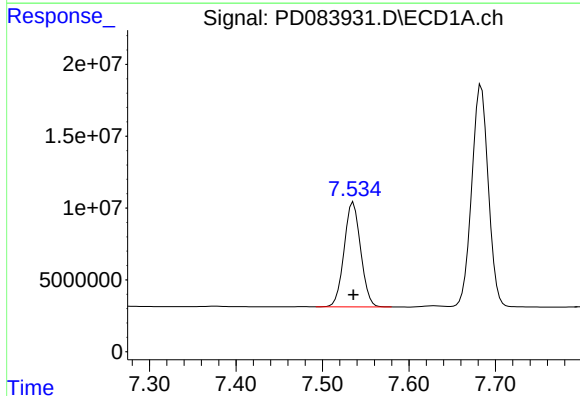
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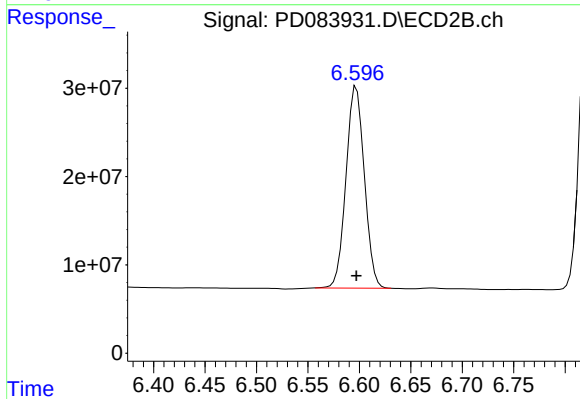
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 590715014
Conc: 99.44 ng/ml



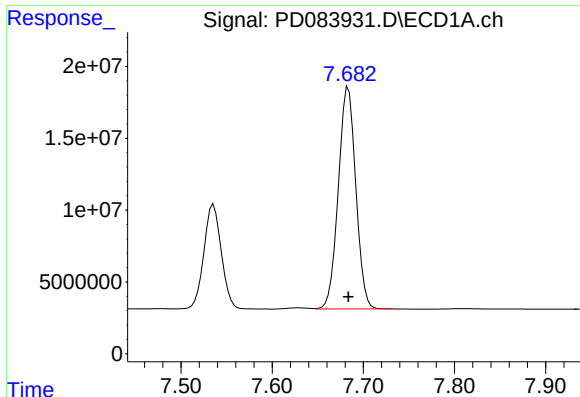
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 96184410
Conc: 100.49 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 283832195
Conc: 99.25 ng/ml



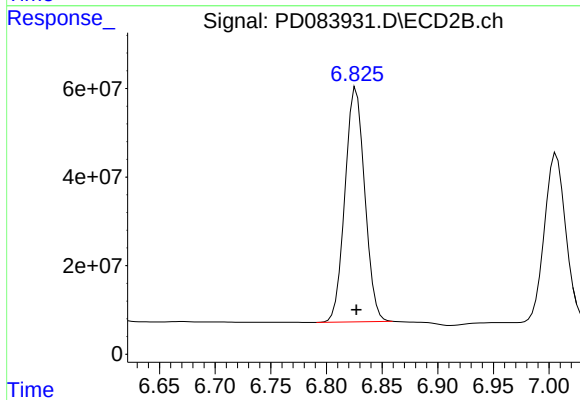
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 205844378
Conc: 101.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

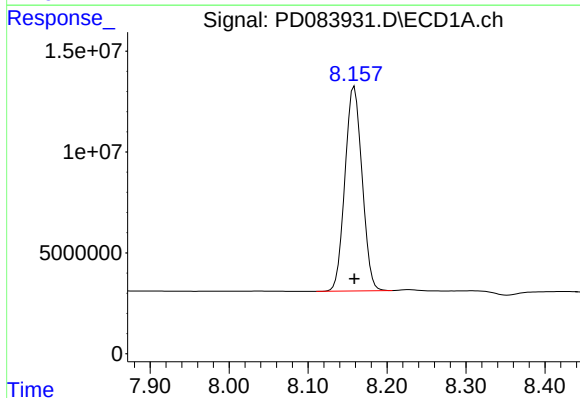
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APPROVED

Reviewed By :Abdul Mirza 07/16/2024
Supervised By :Ankita Jodhani 07/16/2024



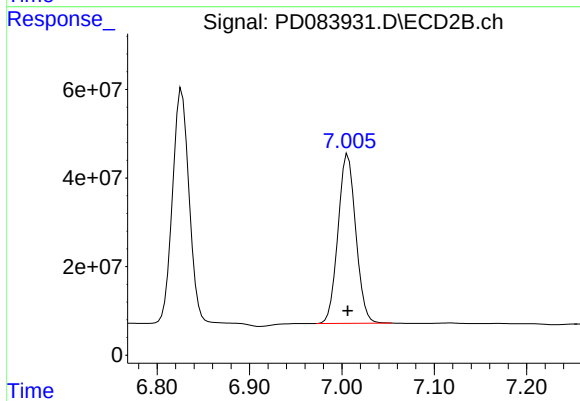
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 653548817
Conc: 99.33 ng/ml



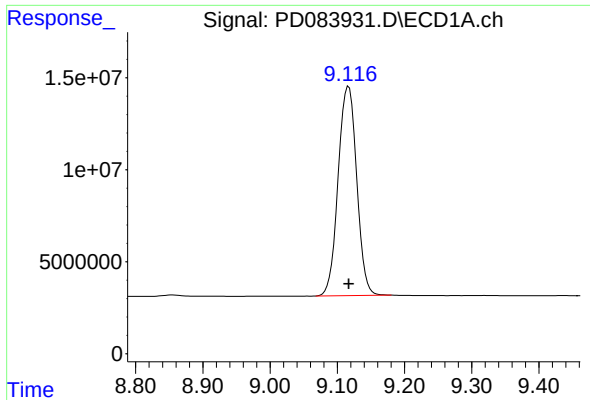
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 152750151
Conc: 99.23 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 511105950
Conc: 98.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 217540466
Conc: 99.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

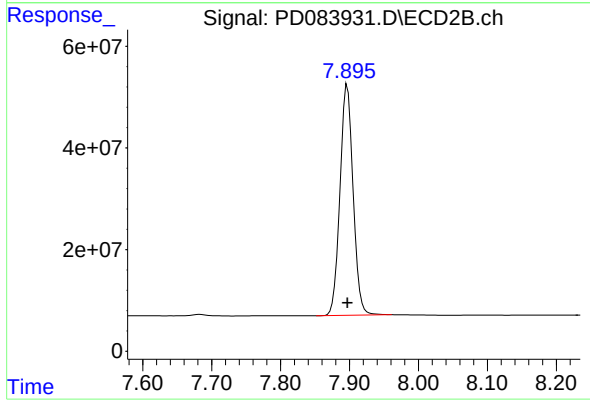
PSTDICC100

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 601527505
Conc: 98.97 ng/ml