

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 15:05
 Operator : AR\AJ
 Sample : PB153908BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153908BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:26:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.548	2.767	46355294	23698553	21.762	21.843
28)	SA Decachlor...	9.089	7.911	54007891	23571945	21.319	24.107
Target Compounds							
2)	A alpha-BHC	4.004	3.269	178.2E6	76422950	48.272	47.772
3)	MA gamma-BHC...	4.337	3.599	162.2E6	71209288	48.196	48.329
4)	MA Heptachlor	4.929	3.939	164.4E6	70946875	45.836	46.711
5)	MB Aldrin	5.272	4.219	163.9E6	70349210	46.786	47.176
6)	B beta-BHC	4.534	3.896	66914850	30649011	46.542	48.084
7)	B delta-BHC	4.782	4.126	162.5E6	71574825	48.887	49.397
8)	B Heptachlo...	5.699	4.721	148.1E6	63914989	45.973	46.530
9)	A Endosulfan I	6.085	5.092	137.1E6	59458162	45.708	46.517
10)	B gamma-Chl...	5.955	4.972	151.0E6	64640418	46.866	47.110
11)	B alpha-Chl...	6.035	5.036	147.6E6	63949700	45.669	46.618
12)	B 4,4'-DDE	6.207	5.225	135.7E6	58695230	47.479	52.587
13)	MA Dieldrin	6.361	5.357	144.5E6	64151147	46.236	47.549
14)	MA Endrin	6.591	5.632	119.5E6	55757059	44.700	45.816
15)	B Endosulfa...	6.811	5.926	117.1E6	52443724	45.341	48.611
16)	A 4,4'-DDD	6.725	5.780	111.8E6	50038165	49.129	56.780
17)	MA 4,4'-DDT	7.040	6.031	107.3E6	44674666	47.286	54.998
18)	B Endrin al...	6.940	6.106	91729305	41699845	45.714m	48.181
19)	B Endosulfa...	7.176	6.329	114.4E6	52479291	45.400	48.565
20)	A Methoxychlor	7.516	6.607	58936658	25116016	45.532	54.265
21)	B Endrin ke...	7.663	6.836	131.4E6	60703296	47.182	49.964
22)	Mirex	8.138	7.018	94080958	47176659	43.911	45.006

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076243.D
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 Acq On : 30 Jun 2023 15:05
 Operator : AR\AJ
 Sample : PB153908BS
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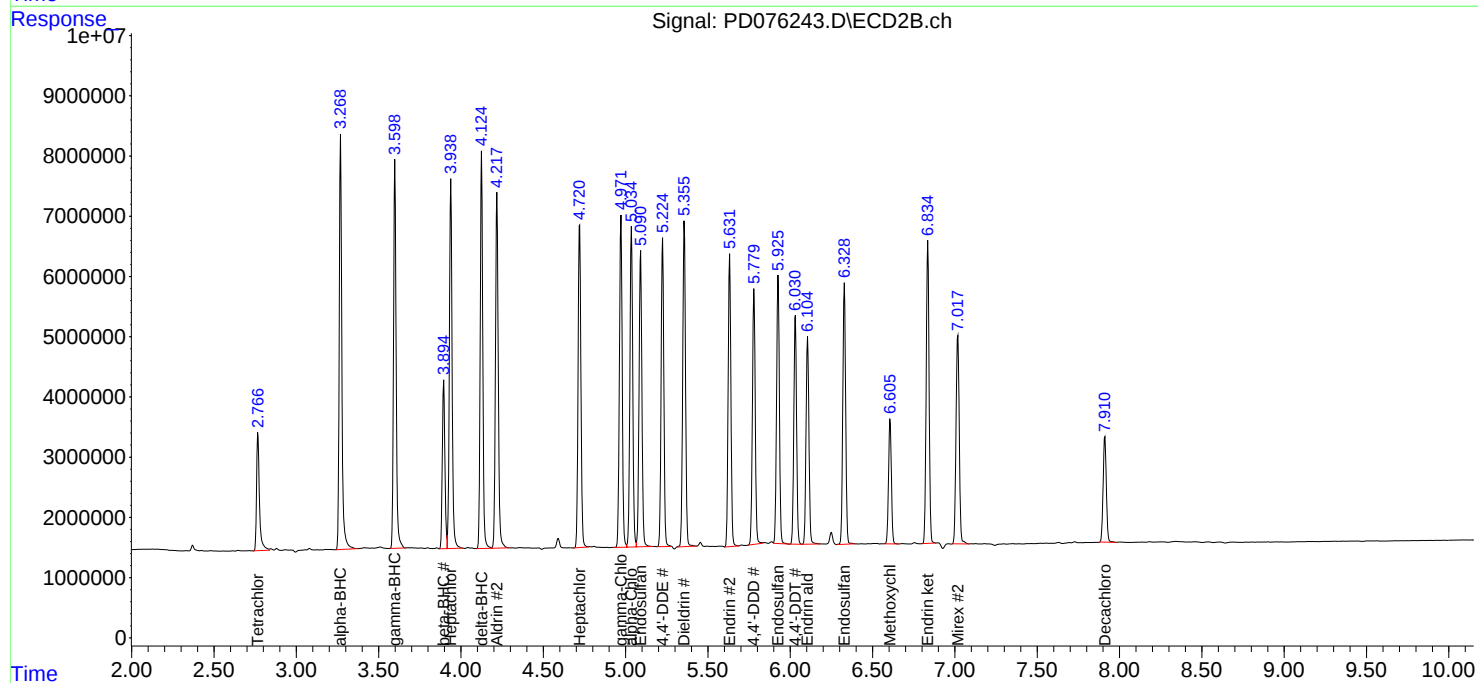
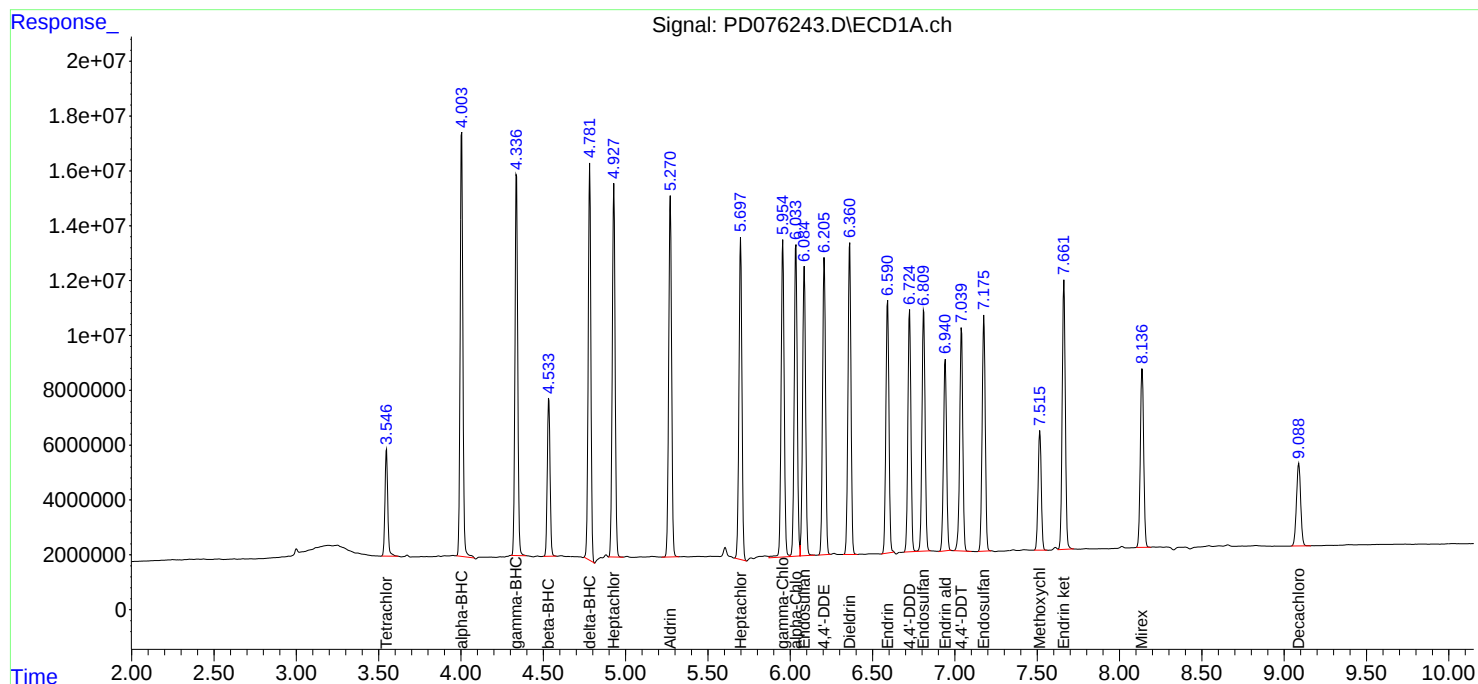
Manual Integrations

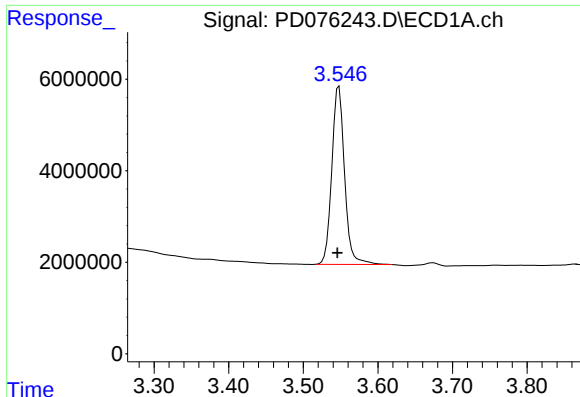
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 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:26:22 2023
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





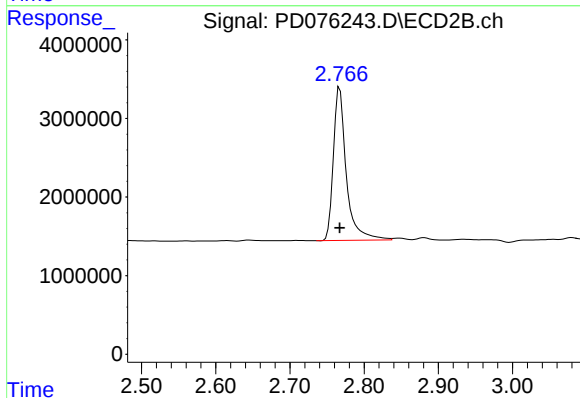
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.002 min
Response: 46355294
Conc: 21.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

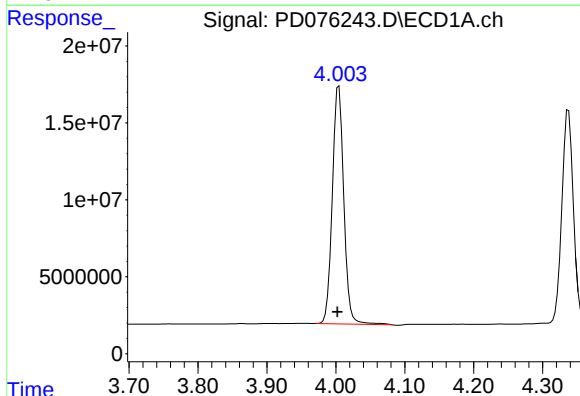
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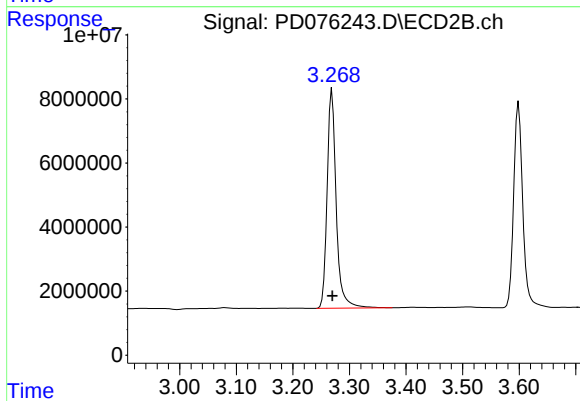
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 23698553
Conc: 21.84 ng/ml



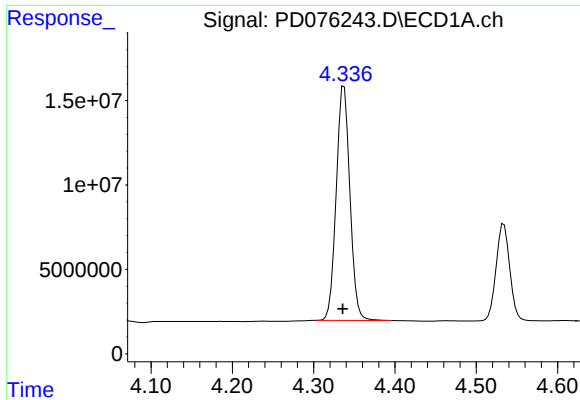
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 178226900
Conc: 48.27 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 76422950
Conc: 47.77 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 162173878
Conc: 48.20 ng/ml

Instrument :

ECD_D

ClientSampleId :

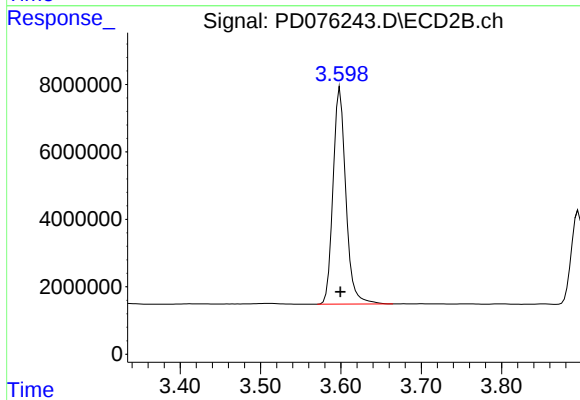
PB153908BS

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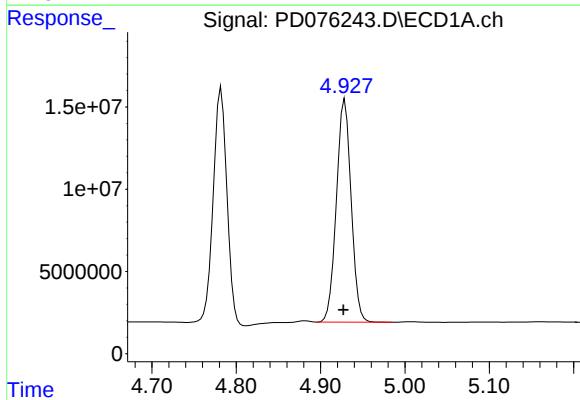
Reviewed By :Abdul Mirza 07/03/2023

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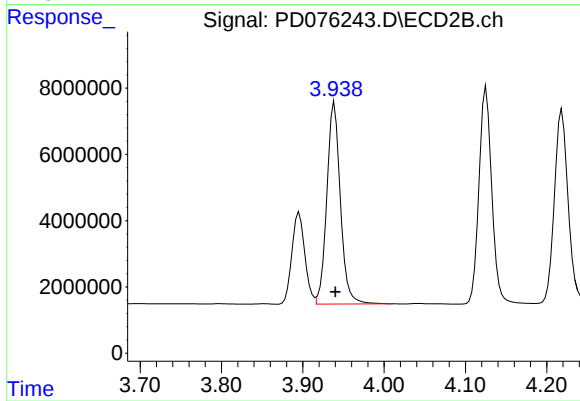
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 71209288
Conc: 48.33 ng/ml



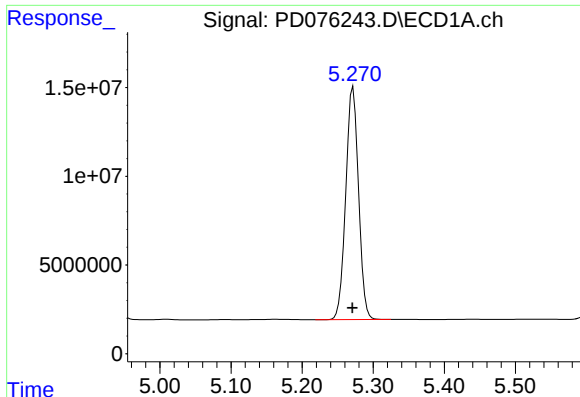
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 164396171
Conc: 45.84 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 70946875
Conc: 46.71 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 163949025
Conc: 46.79 ng/ml

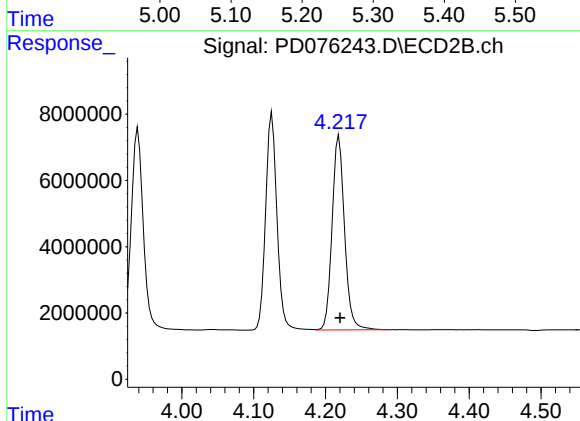
Instrument :

ECD_D

ClientSampleId :
PB153908BS

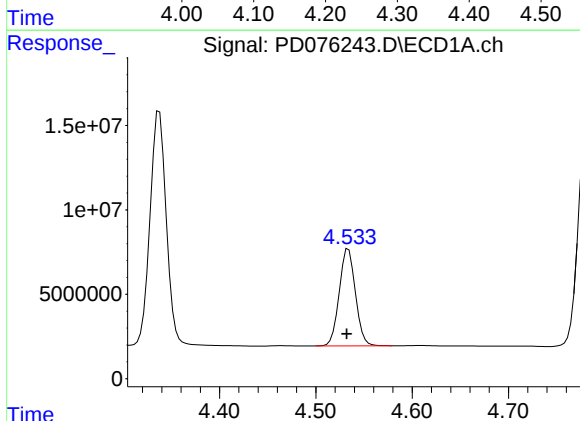
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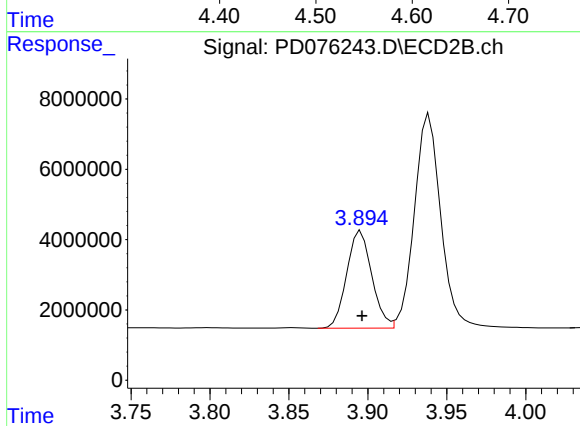
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 70349210
Conc: 47.18 ng/ml



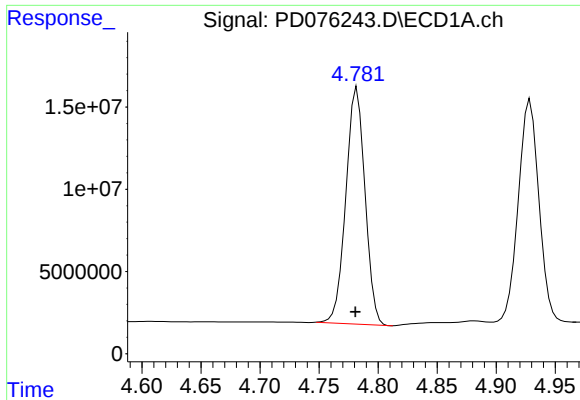
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 66914850
Conc: 46.54 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 30649011
Conc: 48.08 ng/ml



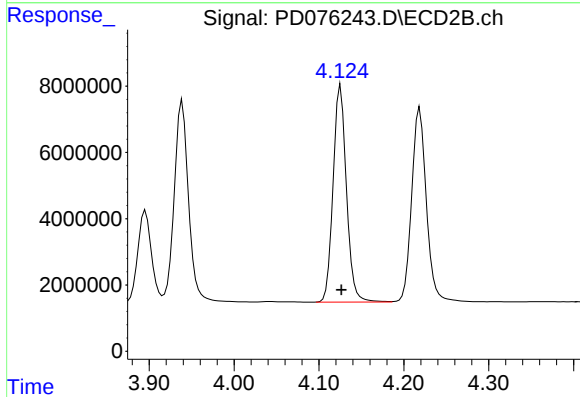
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 162484380
Conc: 48.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

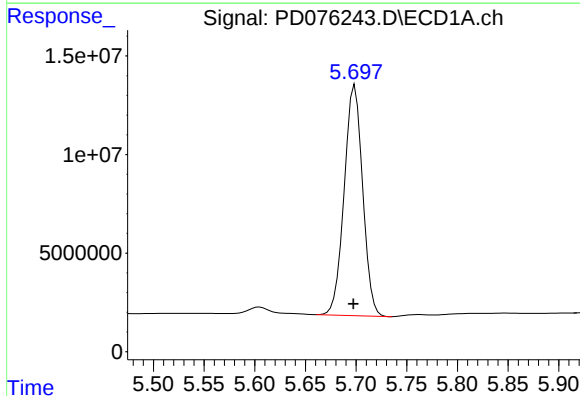
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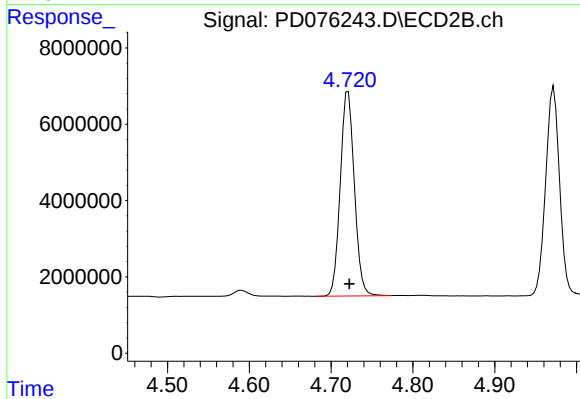
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 71574825
Conc: 49.40 ng/ml



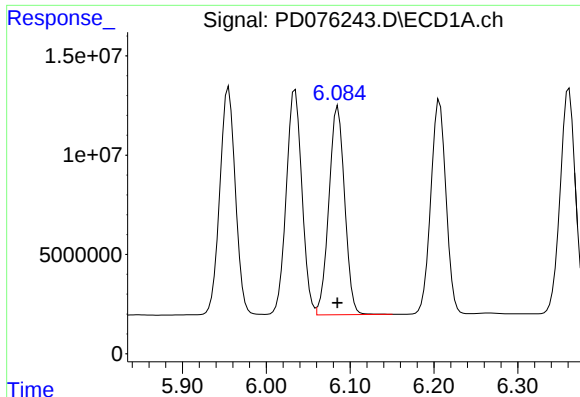
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 148138319
Conc: 45.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 63914989
Conc: 46.53 ng/ml



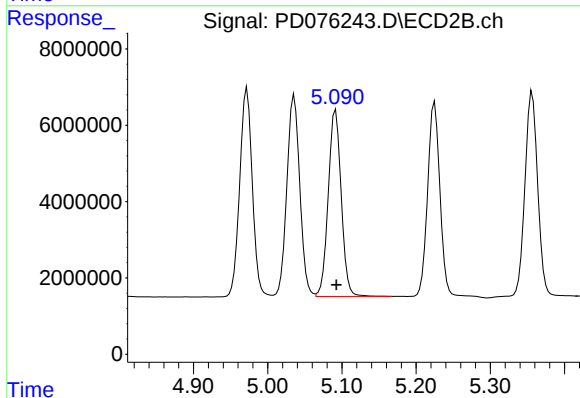
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 137100943
Conc: 45.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

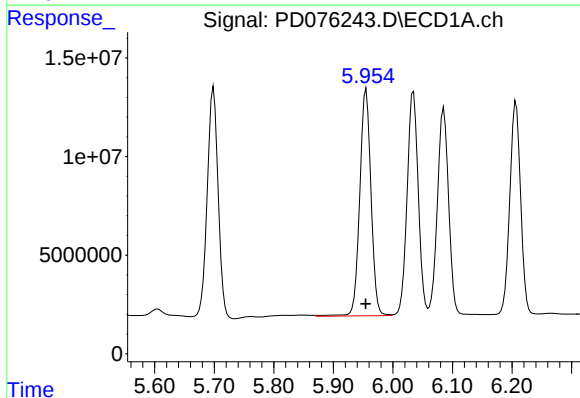
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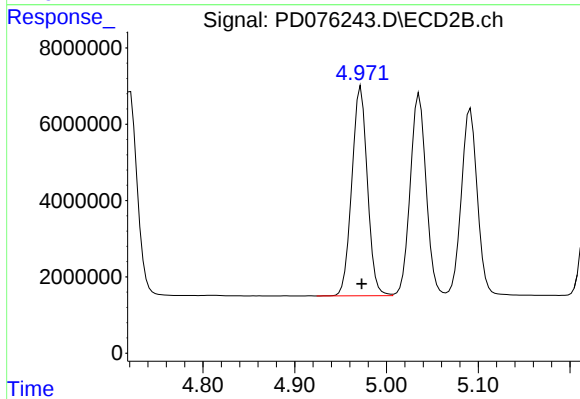
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 59458162
Conc: 46.52 ng/ml



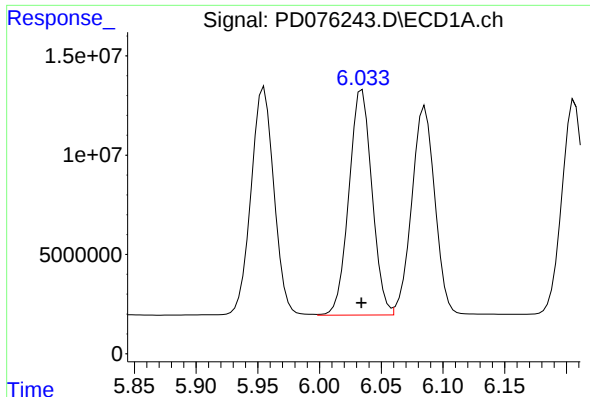
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 150970024
Conc: 46.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 64640418
Conc: 47.11 ng/ml



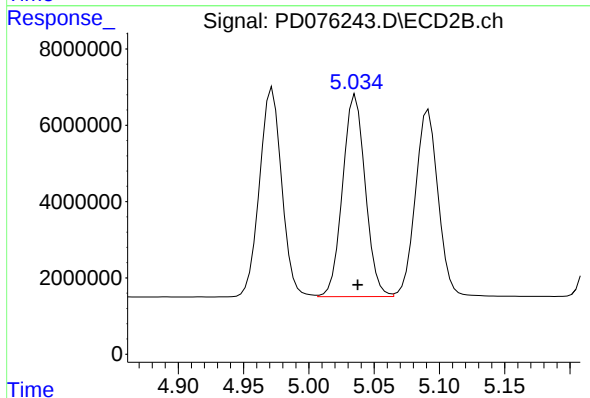
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 147641922
Conc: 45.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

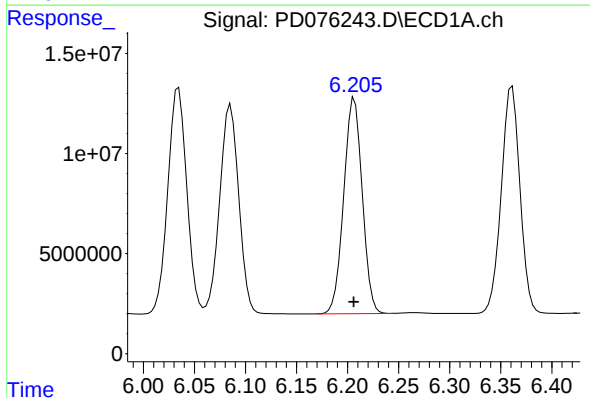
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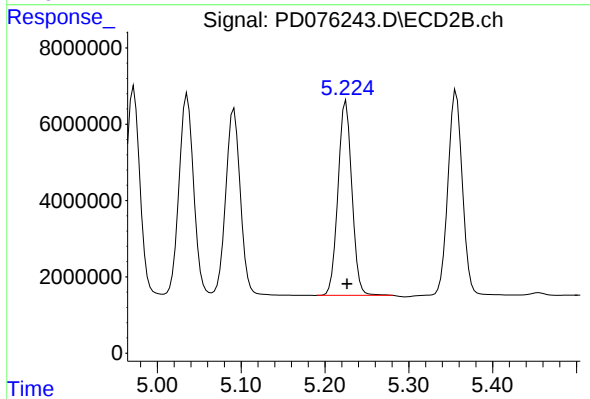
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 63949700
Conc: 46.62 ng/ml



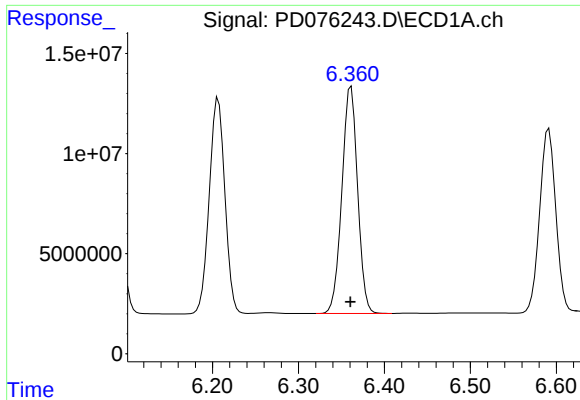
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 135702947
Conc: 47.48 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 58695230
Conc: 52.59 ng/ml



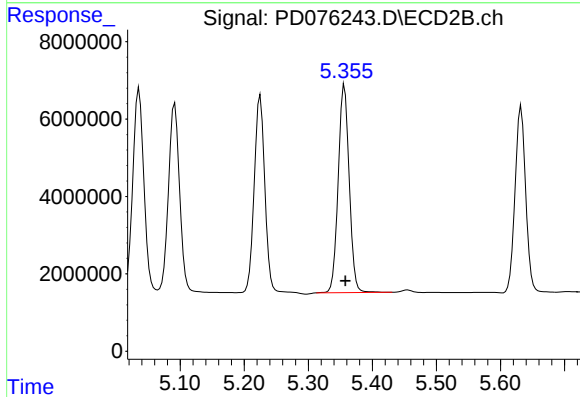
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 144485830
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

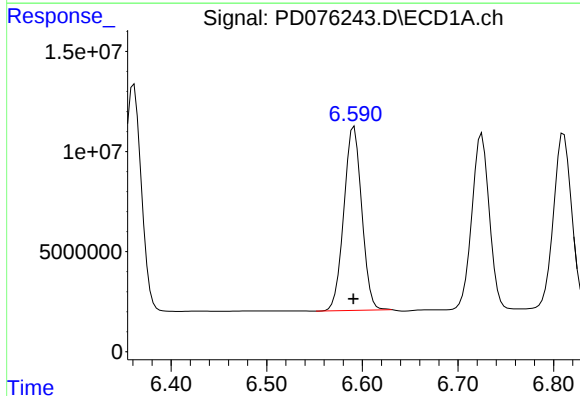
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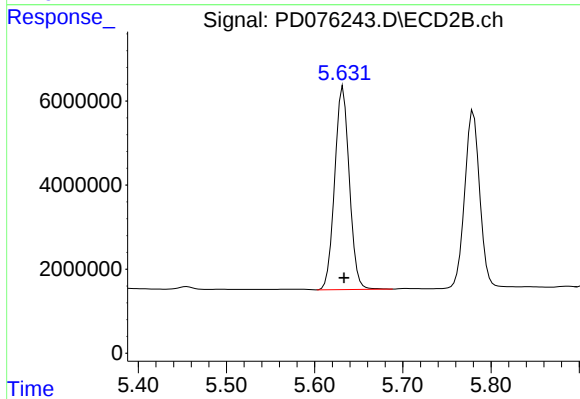
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 64151147
Conc: 47.55 ng/ml



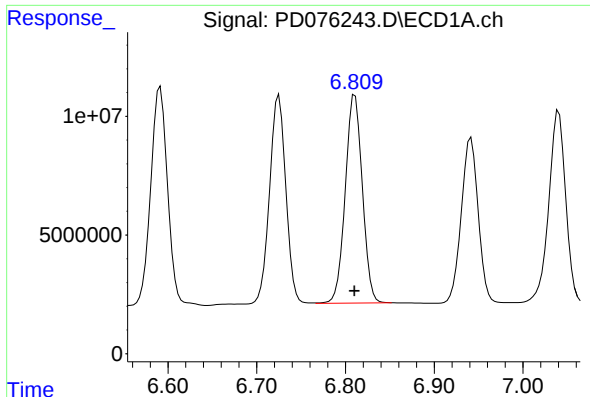
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 119541910
Conc: 44.70 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 55757059
Conc: 45.82 ng/ml



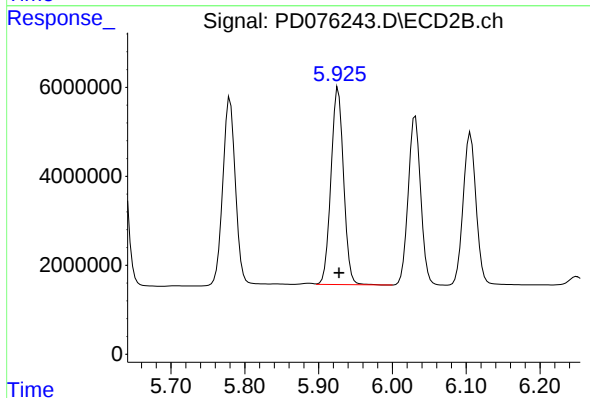
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 117145682
Conc: 45.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

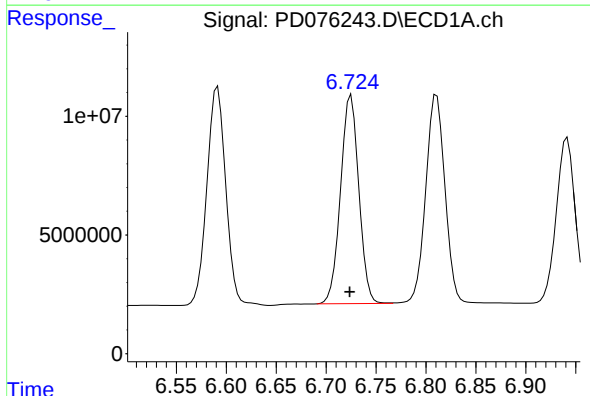
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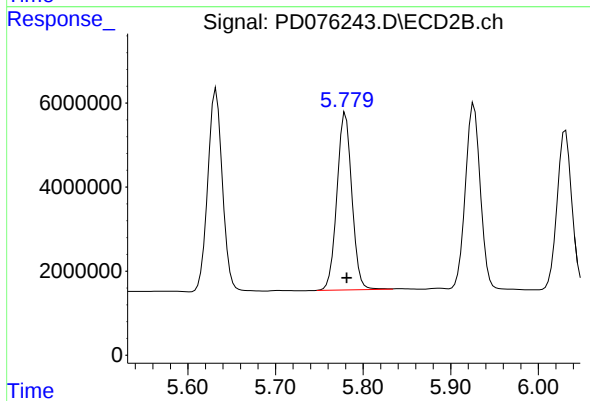
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 52443724
Conc: 48.61 ng/ml



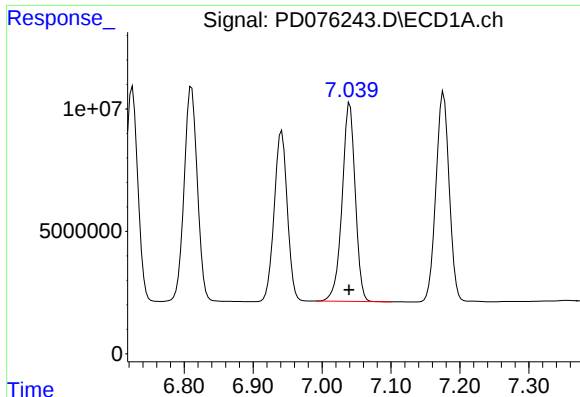
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 111799761
Conc: 49.13 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 50038165
Conc: 56.78 ng/ml



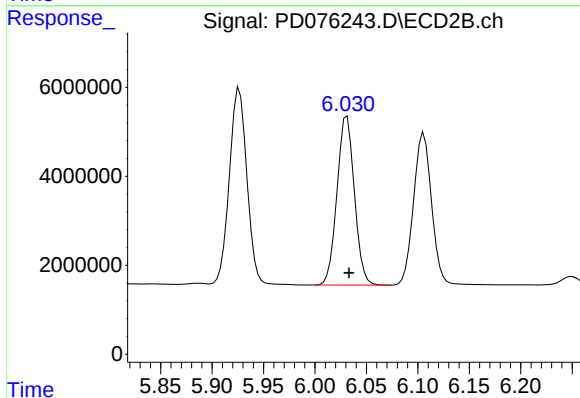
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 107303263
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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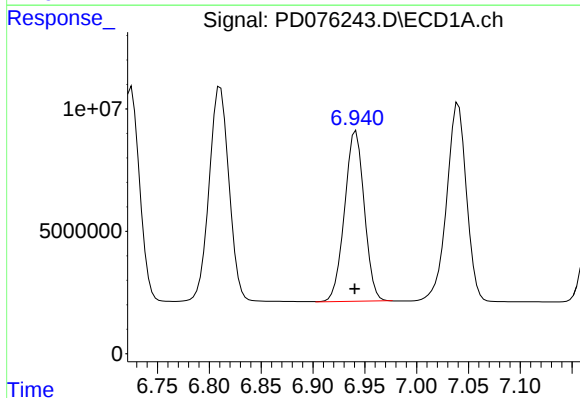
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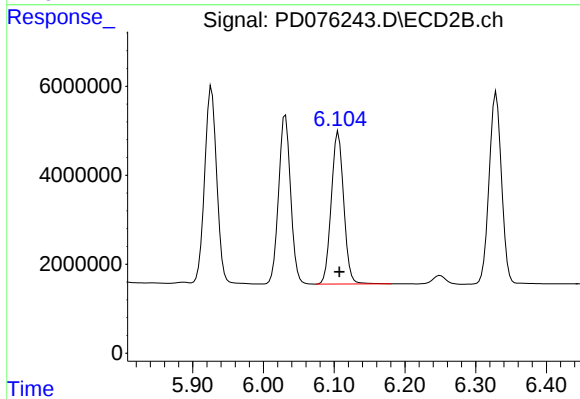
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 44674666
Conc: 55.00 ng/ml



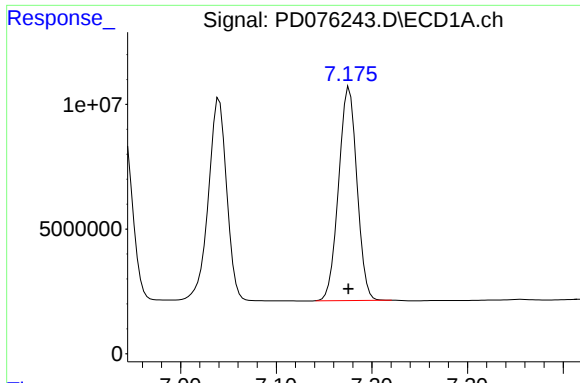
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 91729305
Conc: 45.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 41699845
Conc: 48.18 ng/ml



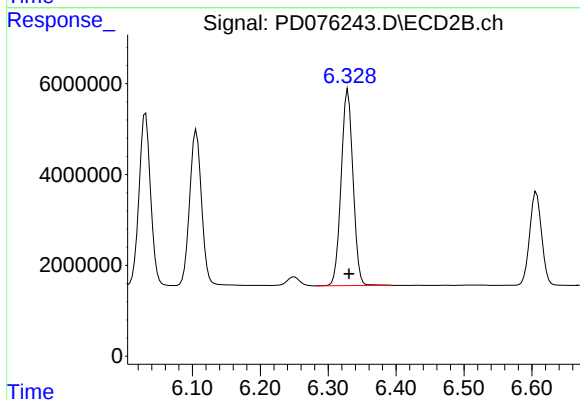
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.001 min
Response: 114378164
Conc: 45.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

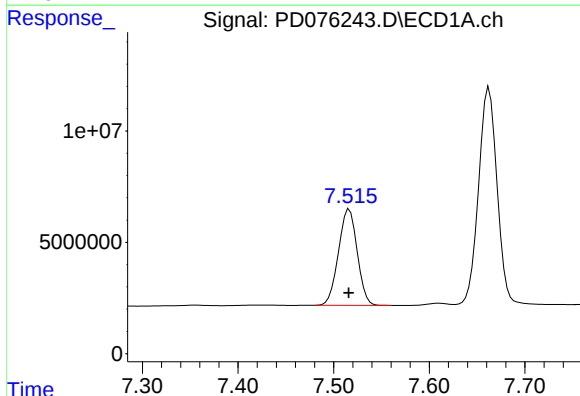
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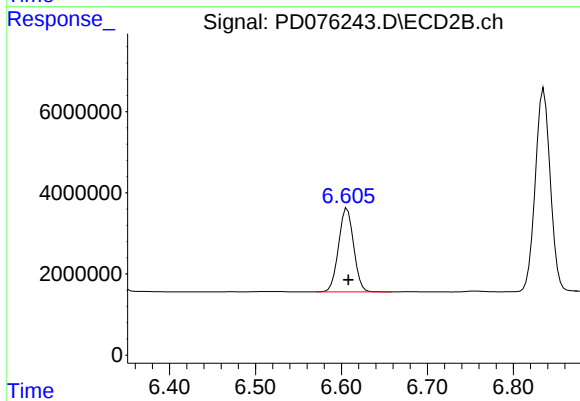
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 52479291
Conc: 48.56 ng/ml



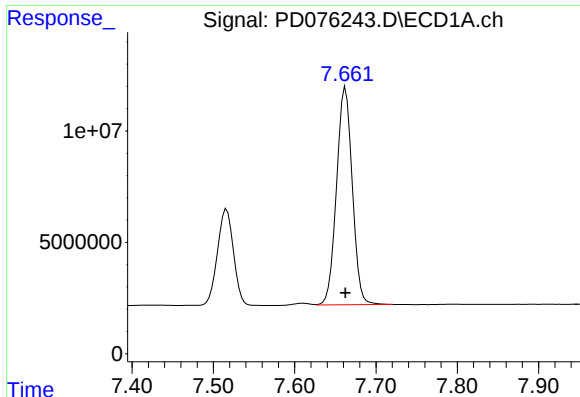
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 58936658
Conc: 45.53 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 25116016
Conc: 54.26 ng/ml



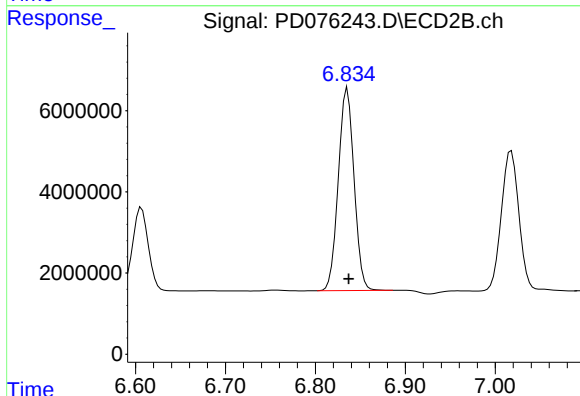
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 131447494
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

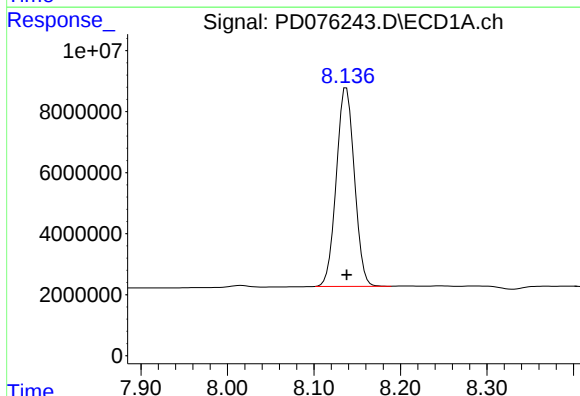
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



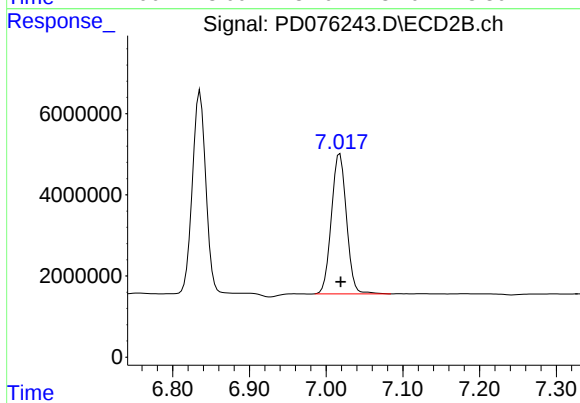
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 60703296
Conc: 49.96 ng/ml



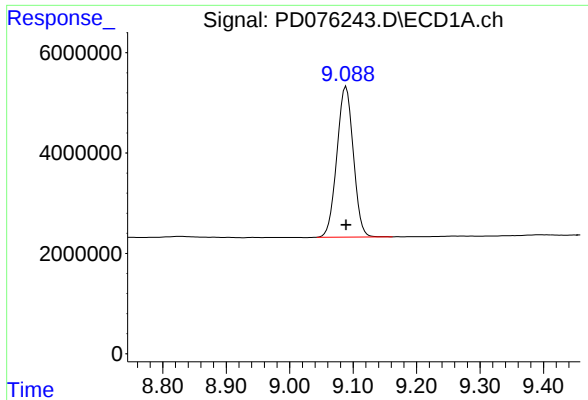
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 94080958
Conc: 43.91 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 47176659
Conc: 45.01 ng/ml



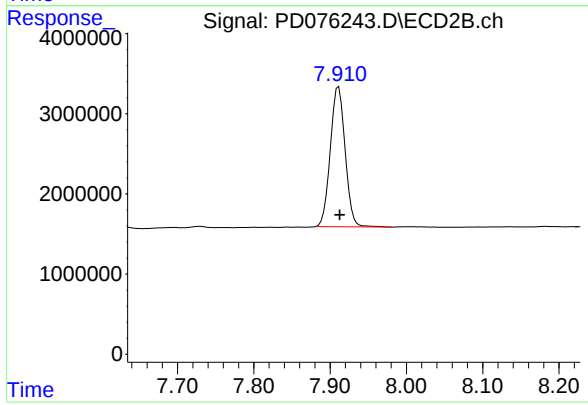
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 54007891
Conc: 21.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153908BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 23571945
Conc: 24.11 ng/ml