

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062923\
 Data File : PD076226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2023 15:51
 Operator : AR\AJ
 Sample : 03471-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-232MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2023
 Supervised By : Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:36:29 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...	3.546	2.767	41045535	21025229	19.269	19.379
28)	SA Decachlor...	9.087	7.911	44576378	18735620	17.596	19.161
Target Compounds							
2)	A alpha-BHC	4.003	3.269	205.8E6	90411372	55.753	56.516
3)	MA gamma-BHC...	4.335	3.599	183.9E6	86528572	54.648m	58.726
4)	MA Heptachlor	4.928	3.939	195.0E6	87168649	54.377	57.391
5)	MB Aldrin	5.271	4.218	186.2E6	77998953	53.144	52.306m
6)	B beta-BHC	4.533	3.896	68967561	35922614	47.970	56.357
7)	B delta-BHC	4.781	4.126	181.3E6	83685562	54.549	57.755
8)	B Heptachlo...	5.698	4.721	167.1E6	75481828	51.857	54.950
9)	A Endosulfan I	6.085	5.092	156.0E6	60104817	52.010	47.023
10)	B gamma-Chl...	5.953	4.972	175.8E6	82782606	54.568m	60.332
11)	B alpha-Chl...	6.034	5.036	184.6E6	77810354	57.095	56.723
12)	B 4,4'-DDE	6.206	5.225	137.9E6	71470198	48.238	64.032 #
13)	MA Dieldrin	6.360	5.357	166.1E6	87278843	53.168	64.691
14)	MA Endrin	6.591	5.632	139.2E6	67188943	52.034	55.209
15)	B Endosulfa...	6.810	5.926	131.7E6	64950941	50.973	60.204
16)	A 4,4'-DDD	6.724	5.780	129.0E6	56375123	56.667	63.970
17)	MA 4,4'-DDT	7.039	6.031	137.0E6	58727652	60.364	72.299
18)	B Endrin al...	6.939	6.106	102.2E6	48894500	50.956m	56.493
19)	B Endosulfa...	7.175	6.329	129.2E6	60737990	51.265	56.207
20)	A Methoxychlor	7.515	6.606	65016666	29599896	50.229	63.952 #
21)	B Endrin ke...	7.662	6.835	126.4E6	63935913	45.375	52.624
22)	Mirex	8.137	7.017	99389857	48784538	46.389	46.540

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

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Data File : PD076226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2023 15:51
Operator : AR\AJ
Sample : 03471-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

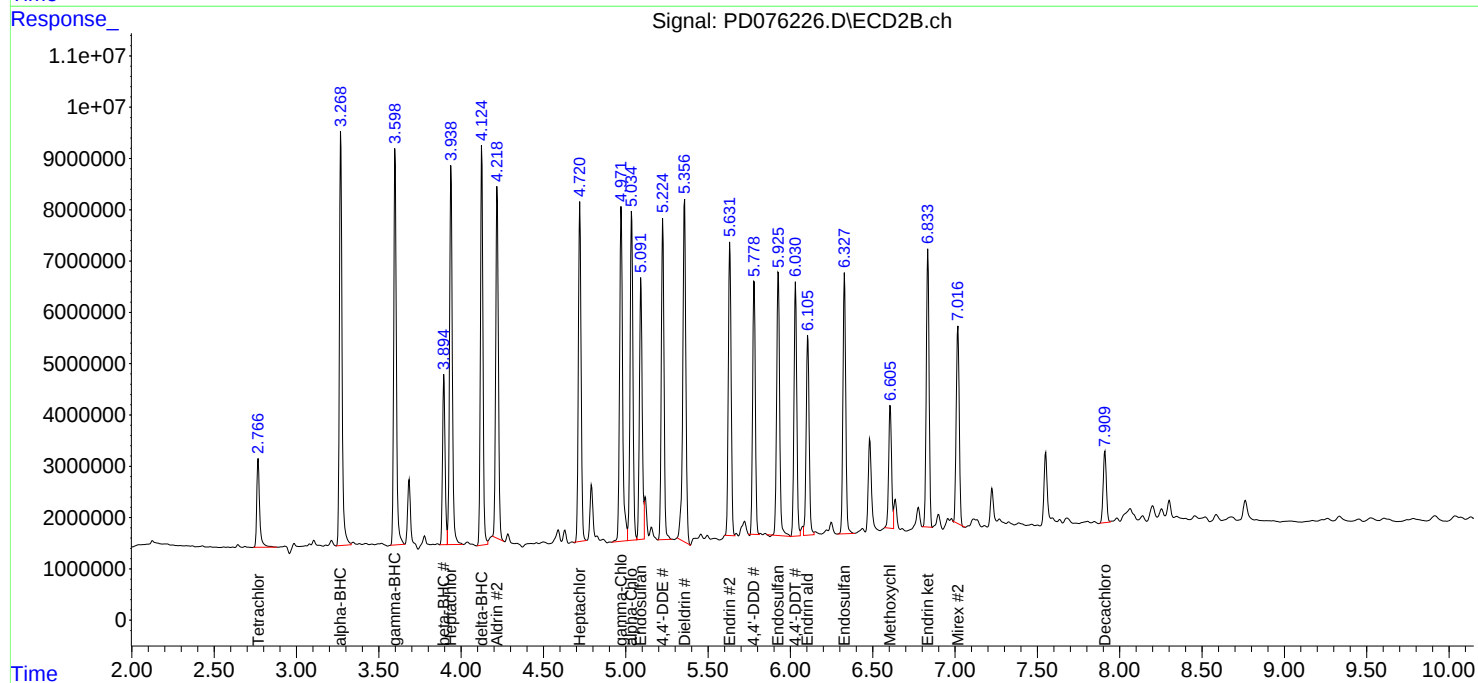
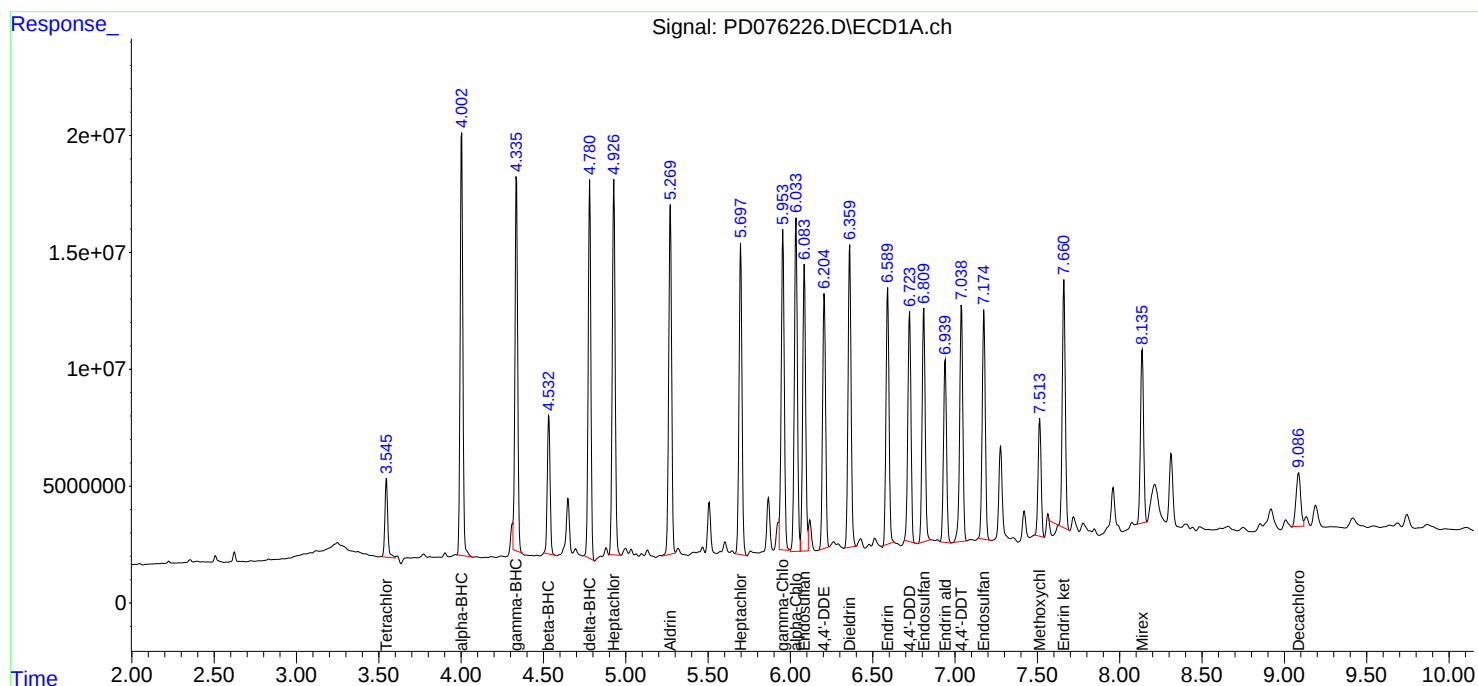
Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

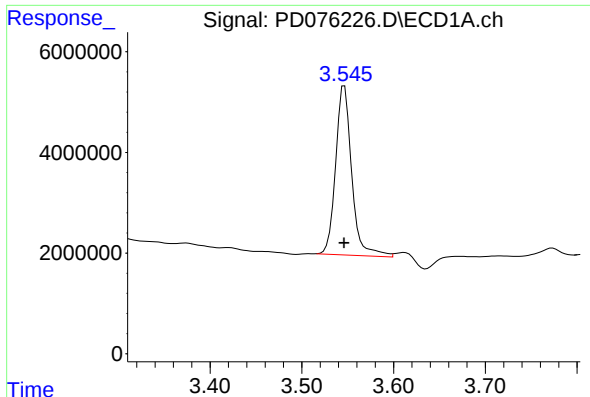
Manual Integrations
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Reviewed By :Abdul Mirza 06/30/2023
Supervised By :Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 29 20:36:29 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
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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





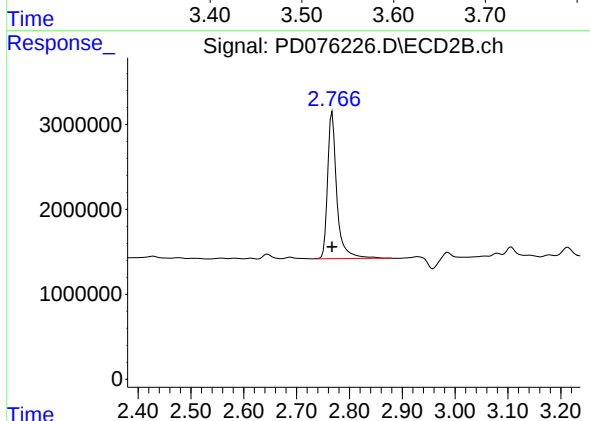
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 41045535
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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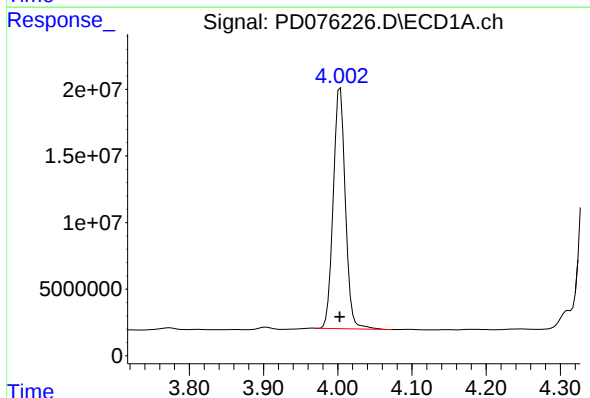
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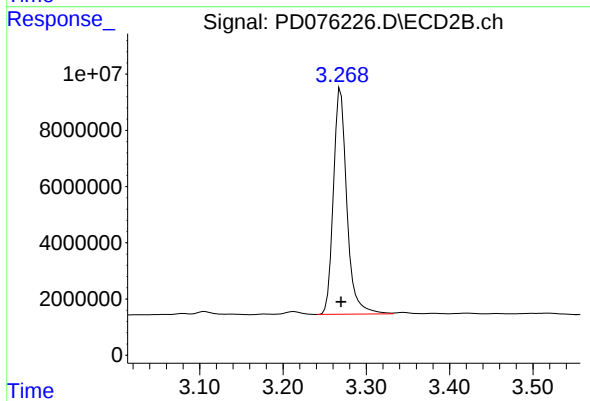
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 21025229
Conc: 19.38 ng/ml



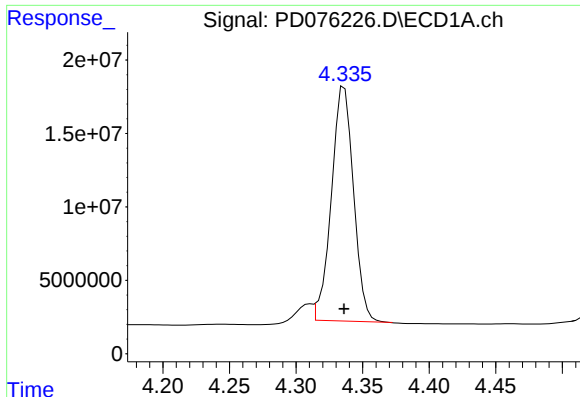
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 205844818
Conc: 55.75 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 90411372
Conc: 56.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 183884029
Conc: 54.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

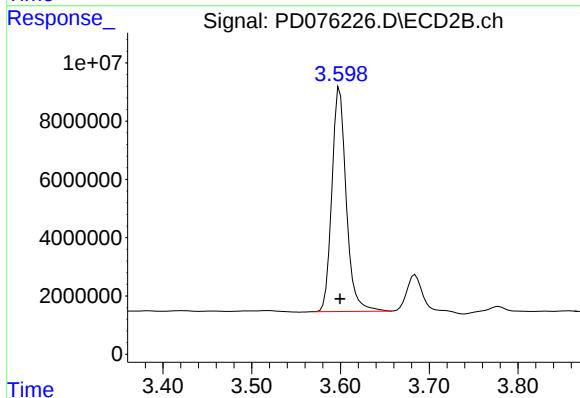
VNJ-232MSD

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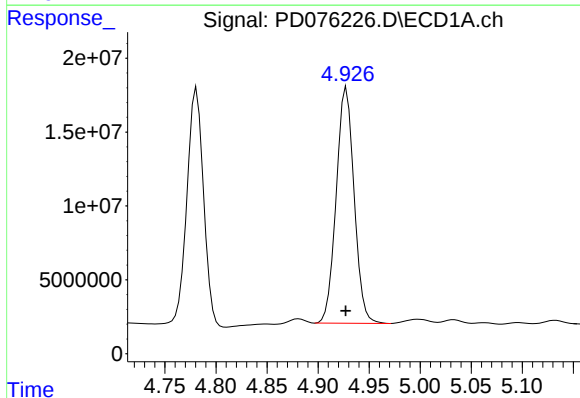
Reviewed By :Abdul Mirza 06/30/2023

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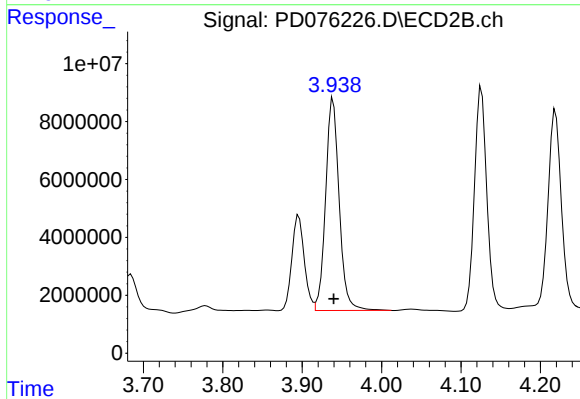
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 86528572
Conc: 58.73 ng/ml



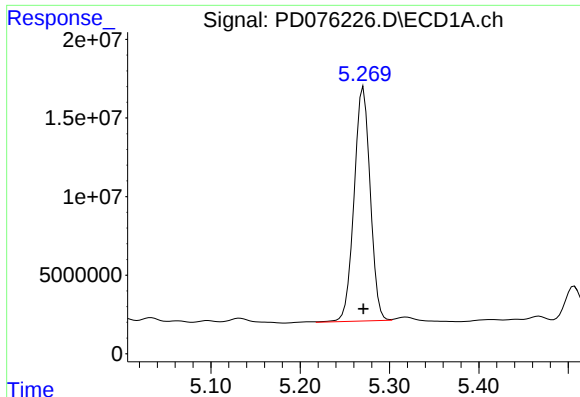
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 195029706
Conc: 54.38 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 87168649
Conc: 57.39 ng/ml



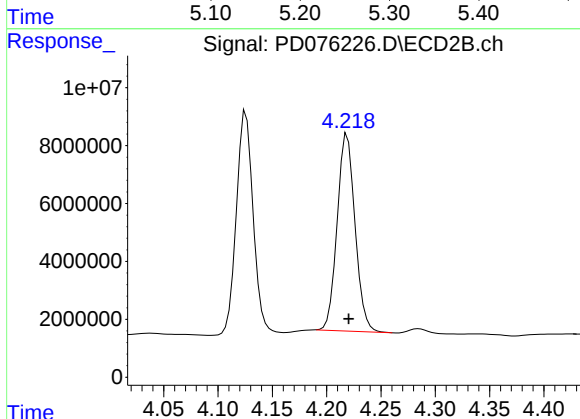
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 186228760
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
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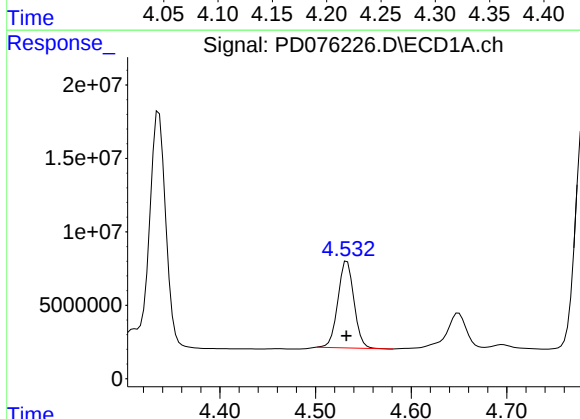
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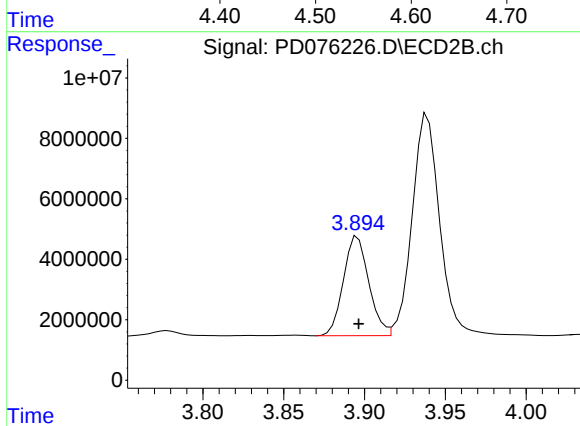
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 77998953
Conc: 52.31 ng/ml m



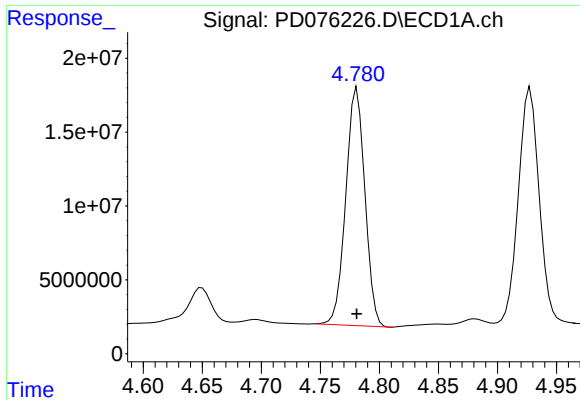
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 68967561
Conc: 47.97 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 35922614
Conc: 56.36 ng/ml



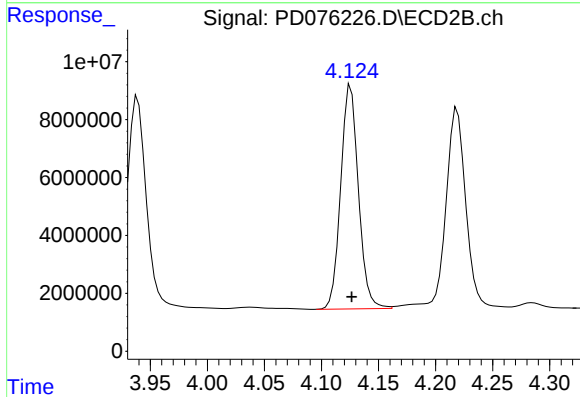
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 181302947
Conc: 54.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

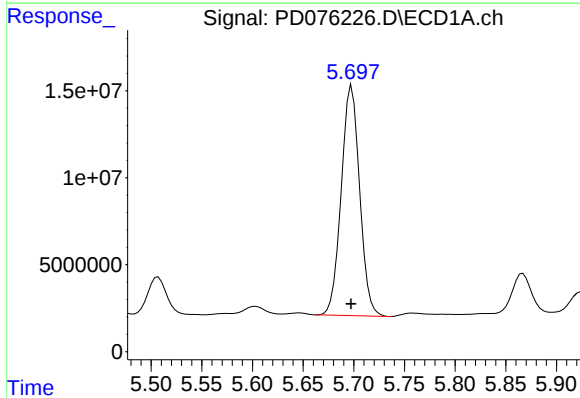
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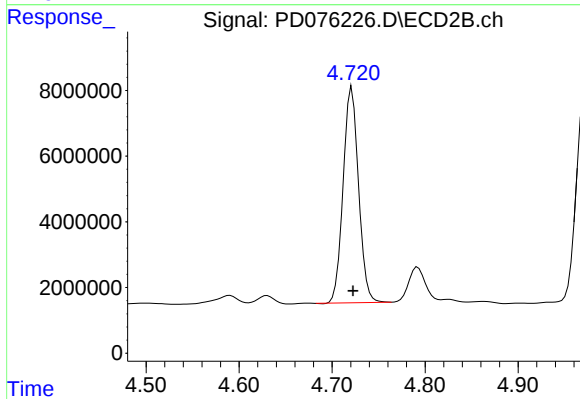
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 83685562
Conc: 57.75 ng/ml



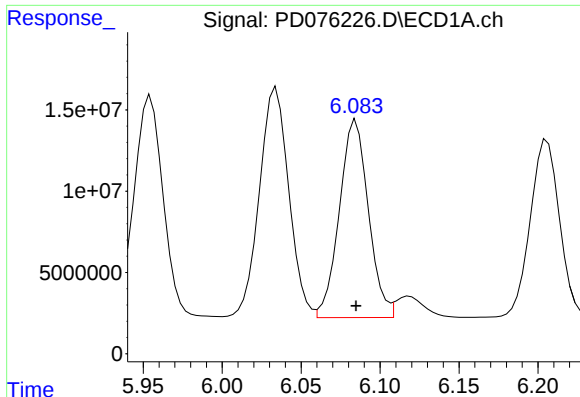
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 167099463
Conc: 51.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 75481828
Conc: 54.95 ng/ml



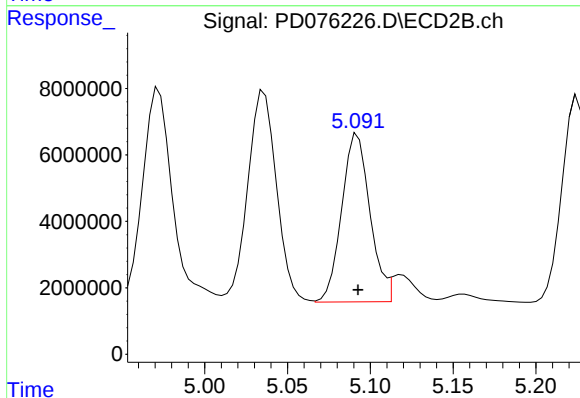
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 156002467
Conc: 52.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

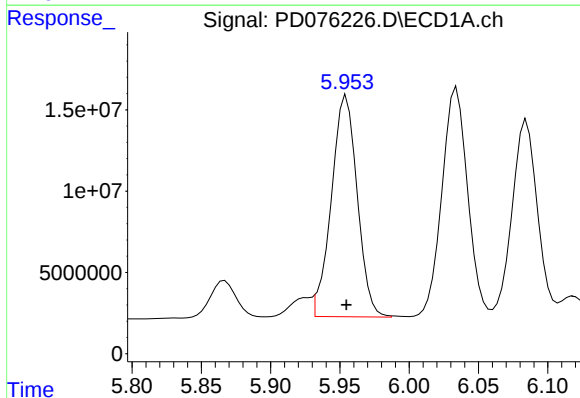
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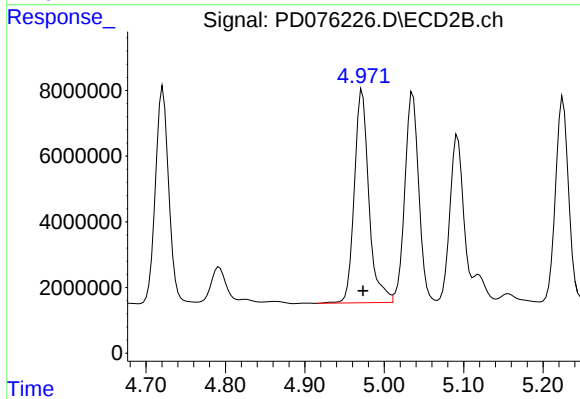
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 60104817
Conc: 47.02 ng/ml



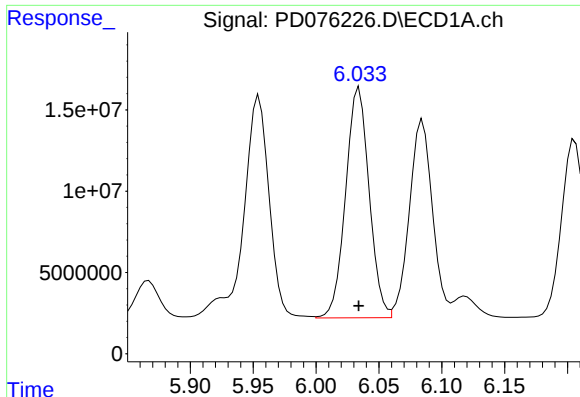
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 175782772
Conc: 54.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 82782606
Conc: 60.33 ng/ml



#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 184580329
Conc: 57.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

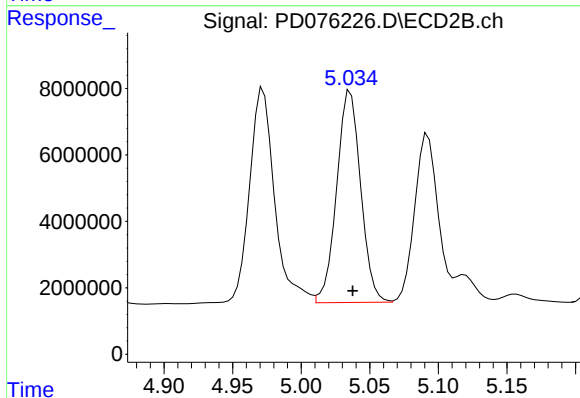
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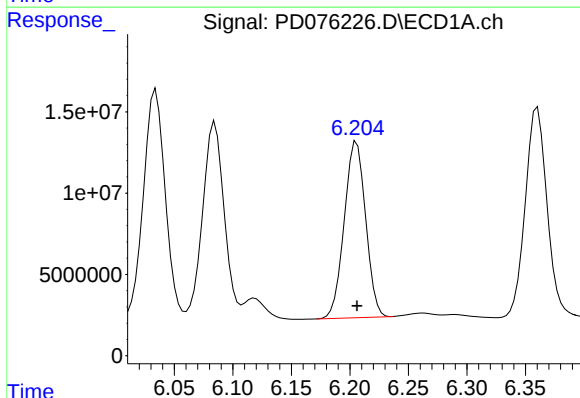
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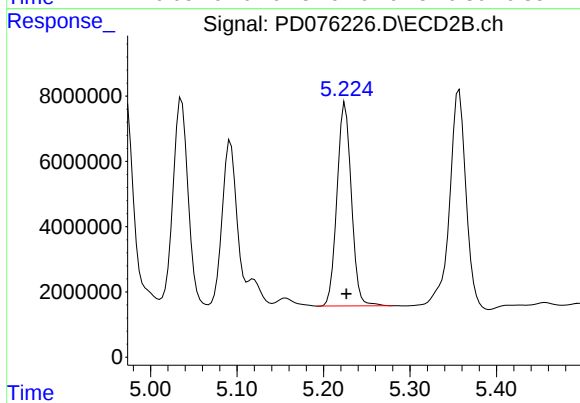
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 77810354
Conc: 56.72 ng/ml



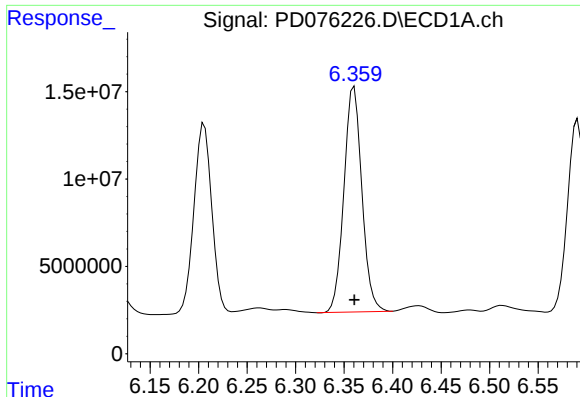
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 137871582
Conc: 48.24 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 71470198
Conc: 64.03 ng/ml



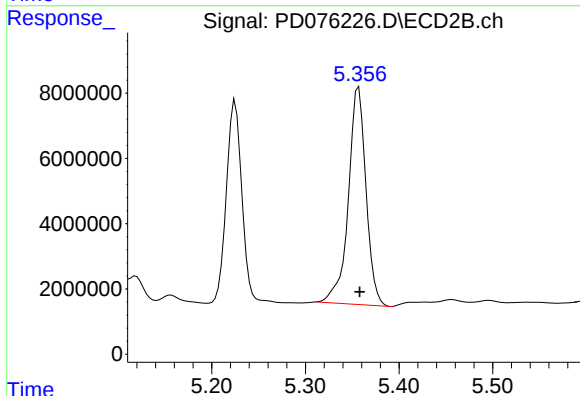
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 166147199
Conc: 53.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

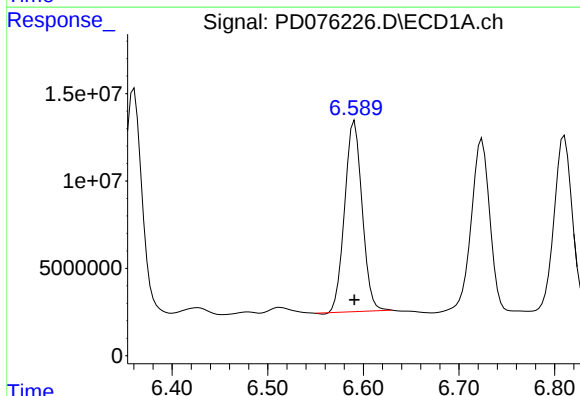
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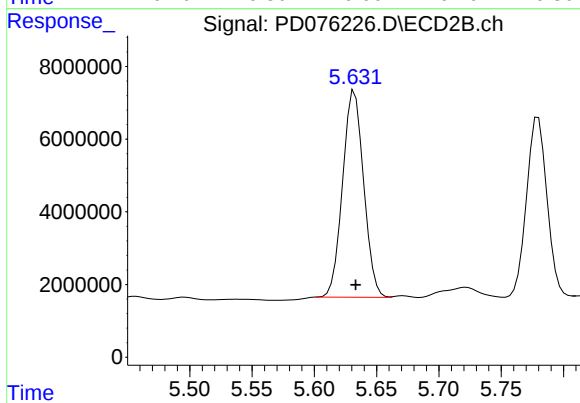
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 87278843
Conc: 64.69 ng/ml



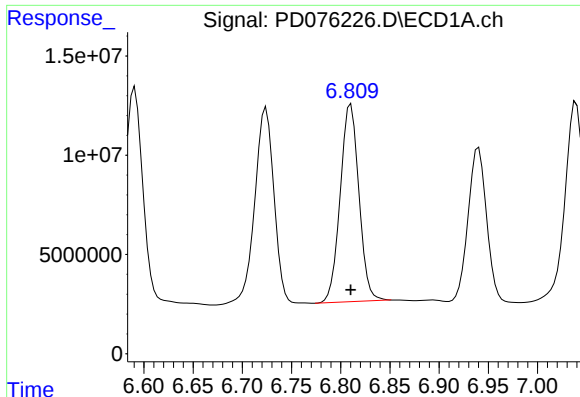
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 139156651
Conc: 52.03 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 67188943
Conc: 55.21 ng/ml



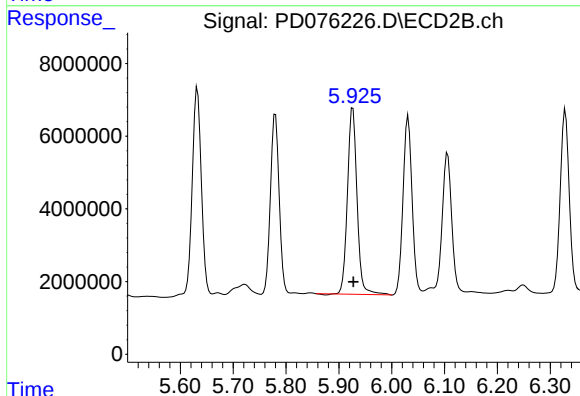
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 131695538
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

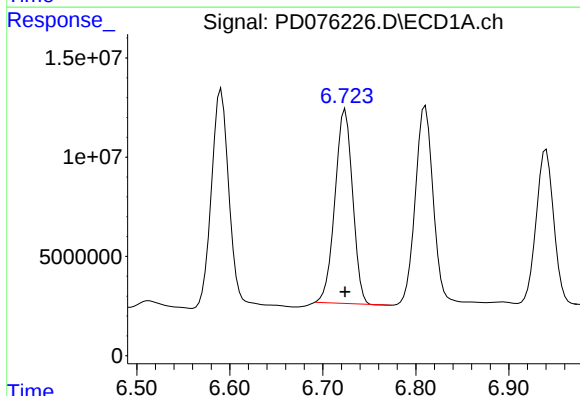
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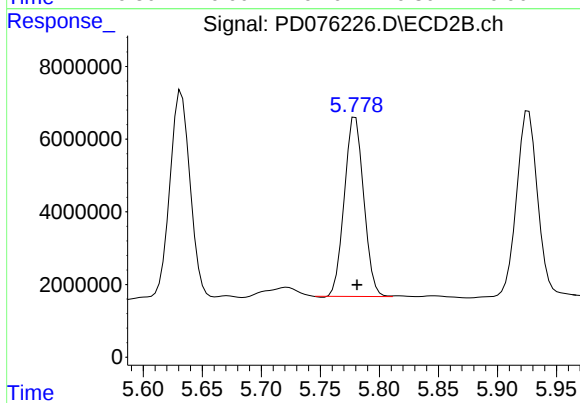
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 64950941
Conc: 60.20 ng/ml



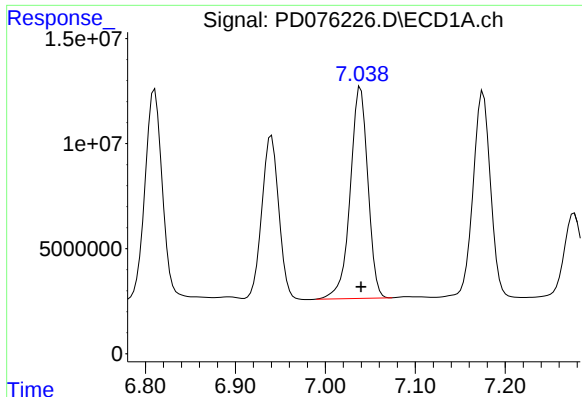
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 128953369
Conc: 56.67 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 56375123
Conc: 63.97 ng/ml



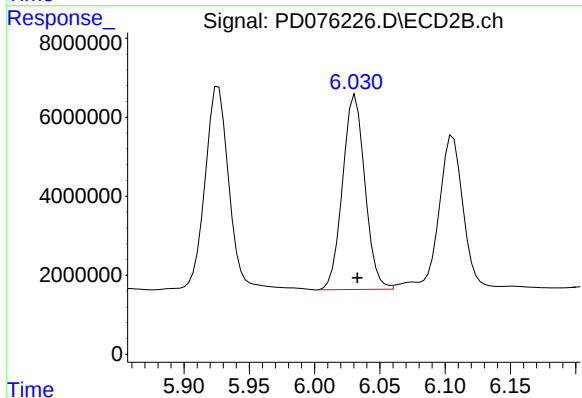
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 136982546
Conc: 60.36 ng/ml

Instrument :
ECD_D
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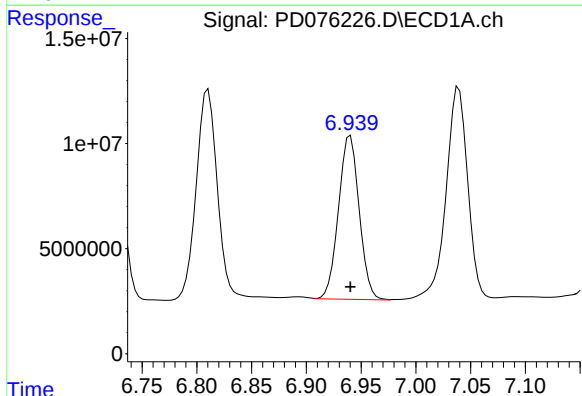
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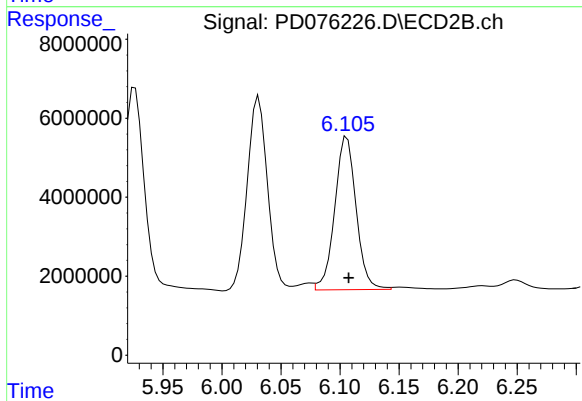
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 58727652
Conc: 72.30 ng/ml



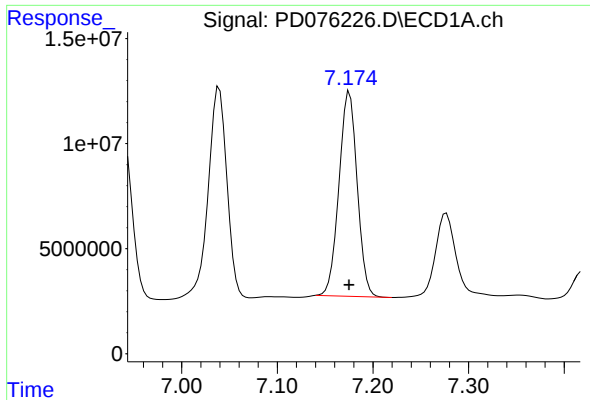
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 102247297
Conc: 50.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 48894500
Conc: 56.49 ng/ml



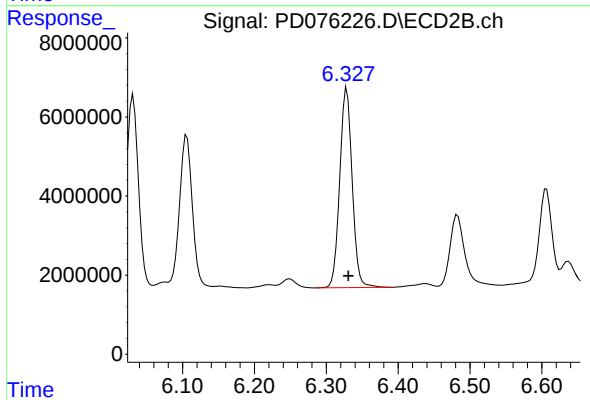
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 129153483
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

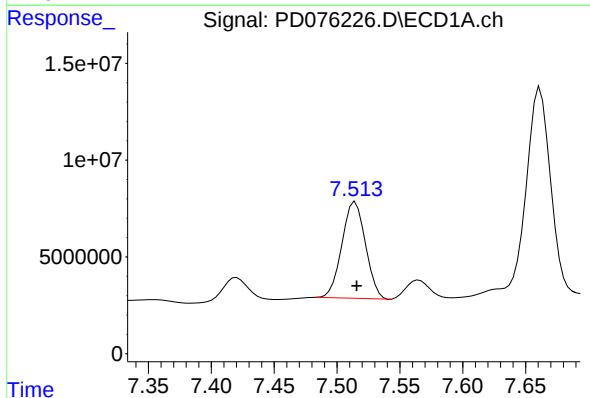
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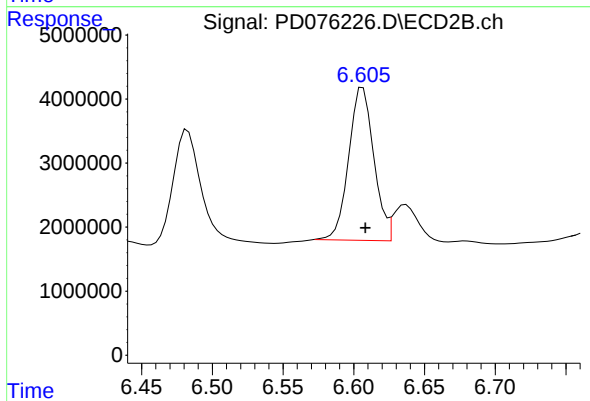
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 60737990
Conc: 56.21 ng/ml



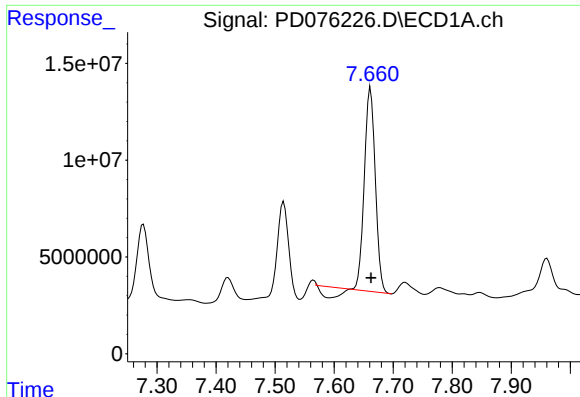
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.001 min
Response: 65016666
Conc: 50.23 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 29599896
Conc: 63.95 ng/ml



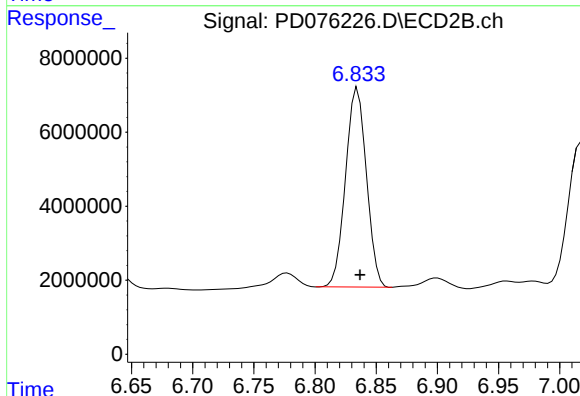
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 126411880
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

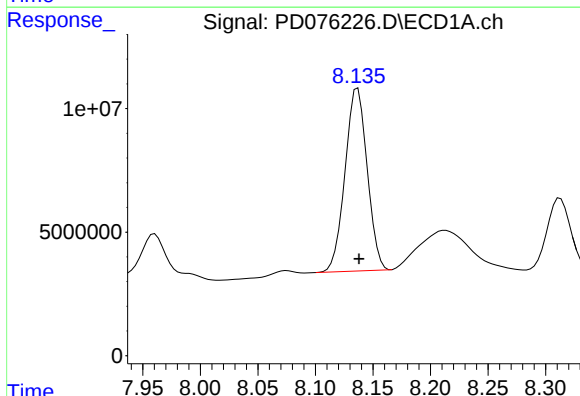
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2023
Supervised By :Ankita Jodhani 06/30/2023



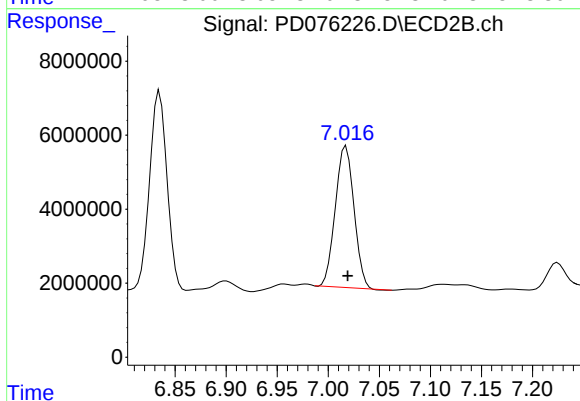
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 63935913
Conc: 52.62 ng/ml



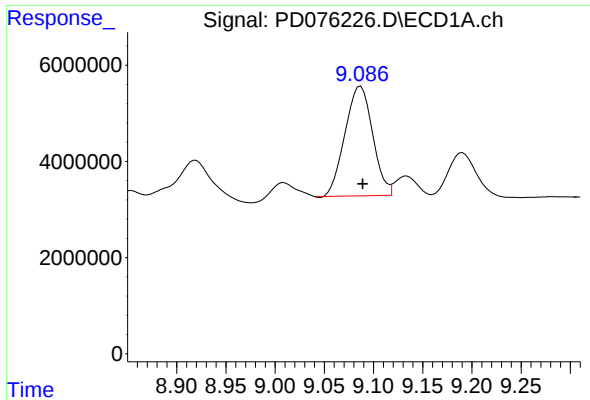
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.001 min
Response: 99389857
Conc: 46.39 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 48784538
Conc: 46.54 ng/ml



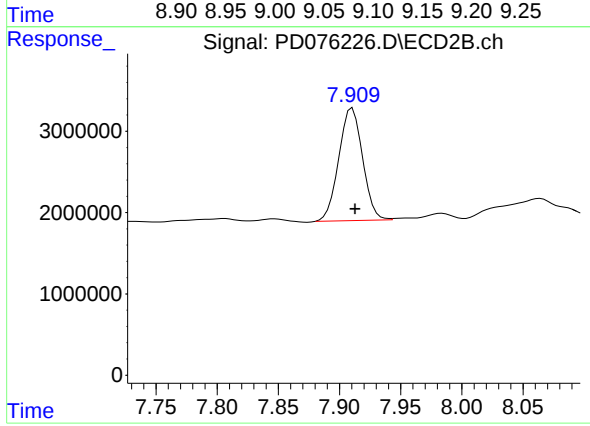
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 44576378
Conc: 17.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-232MSD

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 18735620
Conc: 19.16 ng/ml