

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 01:38
 Operator : AR\AJ
 Sample : 03541-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-WWS-08MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 05:15:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 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...	3.544	2.765	50175266	27515550	15.314	17.321
28)	SA Decachlor...	9.086	7.907	56584422	24077255	15.914	19.131
Target Compounds							
2)	A alpha-BHC	4.001	3.266	199.0E6	85640149	34.355	35.544
3)	MA gamma-BHC...	4.335	3.596	178.6E6	80229299	34.118	36.037
4)	MA Heptachlor	4.925	3.936	187.7E6	81466149	34.124	35.865
5)	MB Aldrin	5.269	4.216	179.4E6	76335114	33.547	34.442
6)	B beta-BHC	4.531	3.893	74251893	33251923	35.425	37.391
7)	B delta-BHC	4.780	4.123	175.4E6	77928939	34.134	37.062
8)	B Heptachlo...	5.696	4.718	168.6E6	72385637	34.982	36.206
9)	A Endosulfan I	6.083	5.088	157.5E6	68056695	35.313	36.342
10)	B gamma-Chl...	5.953	4.968	170.2E6	72803088	34.989	36.562
11)	B alpha-Chl...	6.033	5.032	168.0E6	72192486	34.960	36.329
12)	B 4,4'-DDE	6.205	5.221	153.0E6	64173968	36.035	41.751
13)	MA Dieldrin	6.359	5.353	165.3E6	72064346	35.329	36.587
14)	MA Endrin	6.589	5.629	142.4E6	66366546	35.757	37.599
15)	B Endosulfa...	6.809	5.923	132.7E6	59179795	35.724	38.139
16)	A 4,4'-DDD	6.723	5.776	122.6E6	52835376	36.488	43.717
17)	MA 4,4'-DDT	7.038	6.028	131.3E6	54623692	37.337	45.133
18)	B Endrin al...	6.938	6.102	102.3E6	45718361	37.333m	40.005
19)	B Endosulfa...	7.174	6.326	130.2E6	59491265	35.243	39.154
20)	A Methoxychlor	7.514	6.603	69887553	29833608	36.566	46.717 #
21)	B Endrin ke...	7.661	6.832	146.8E6	69009369	35.166	39.482
22)	Mirex	8.136	7.014	107.3E6	53849648	33.959	36.329

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 01:38
Operator : AR\AJ
Sample : 03541-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

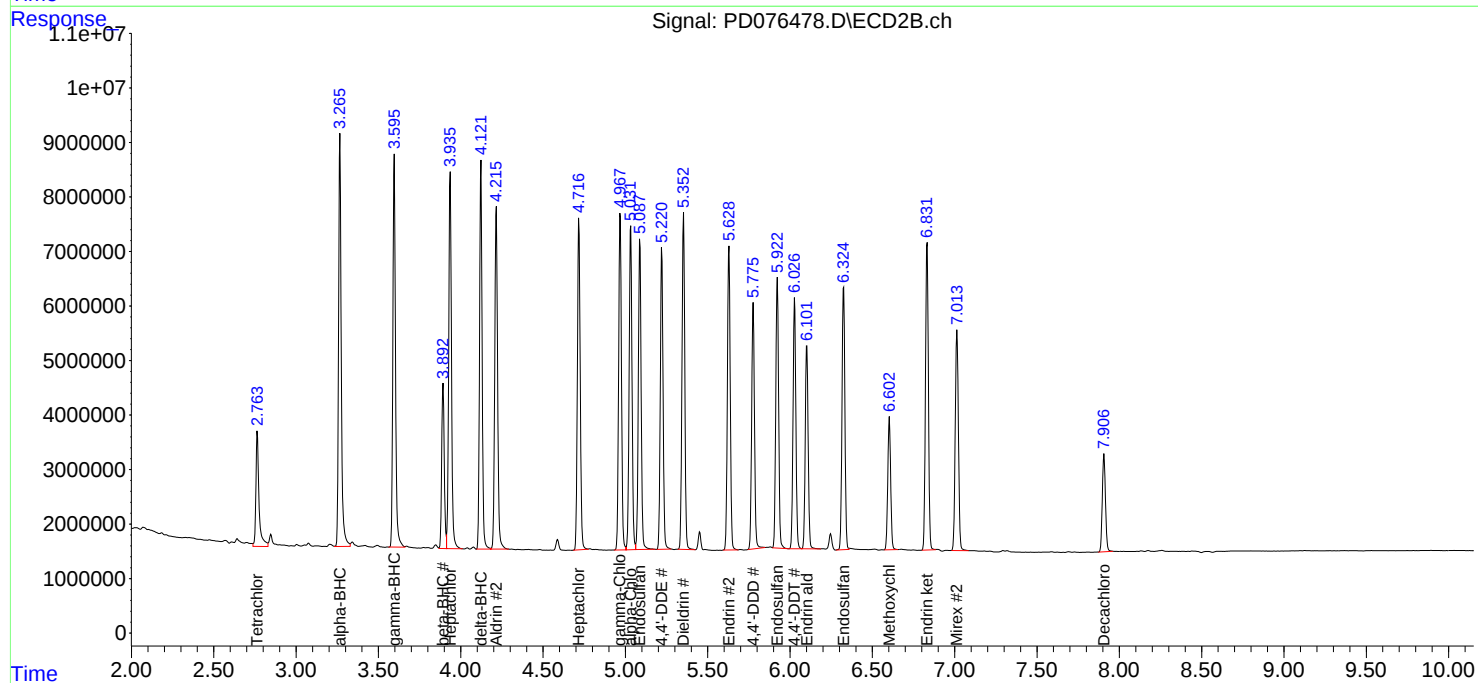
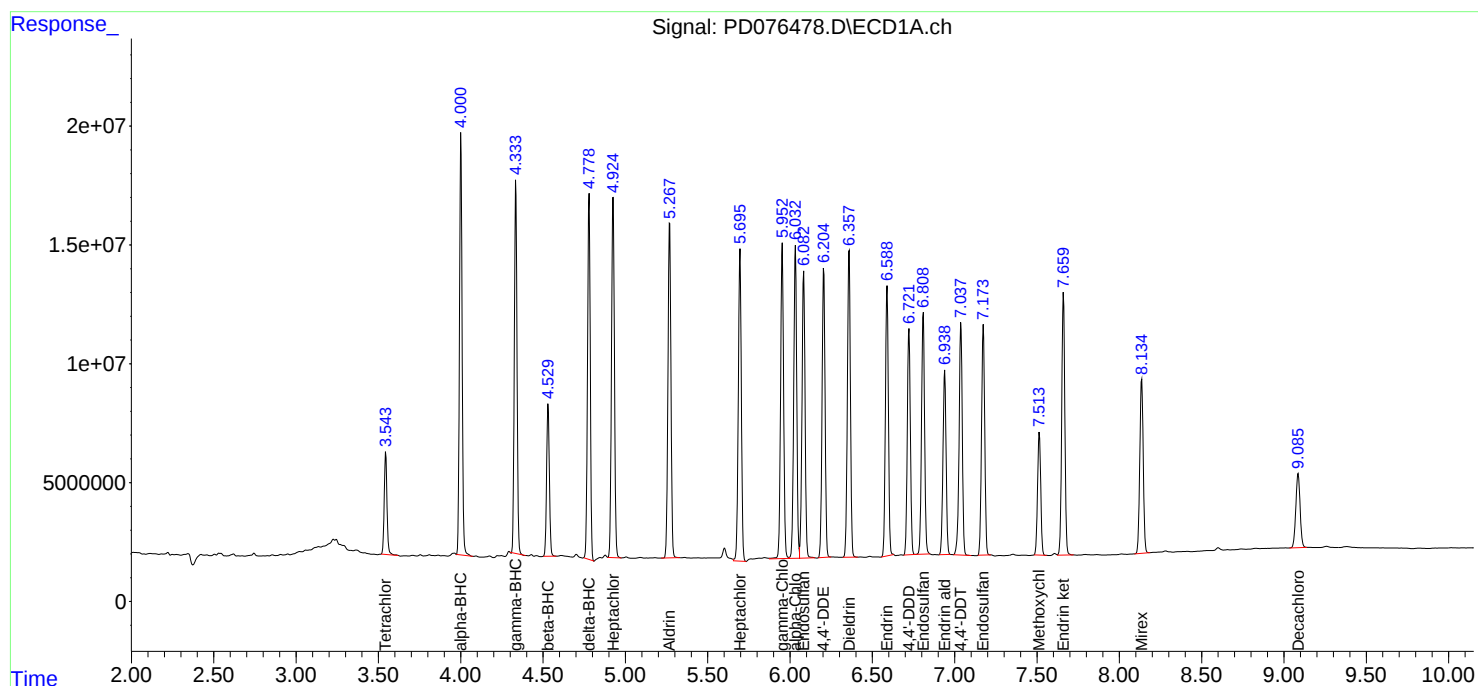
Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

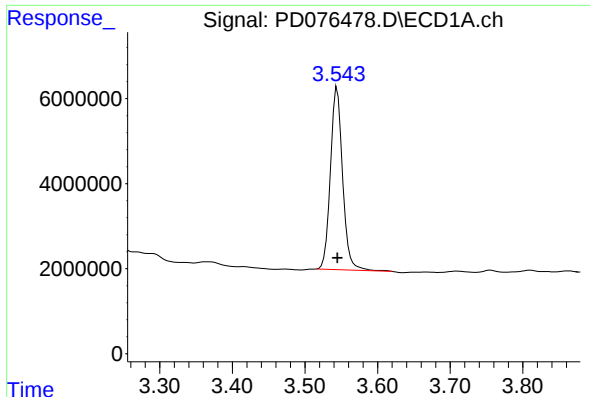
Manual Integrations
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Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 05:15:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
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





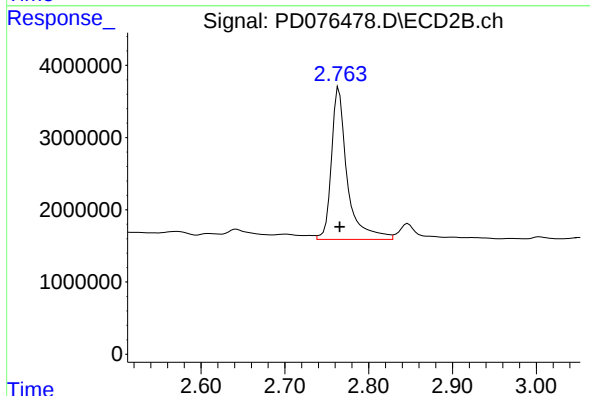
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 50175266
Conc: 15.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

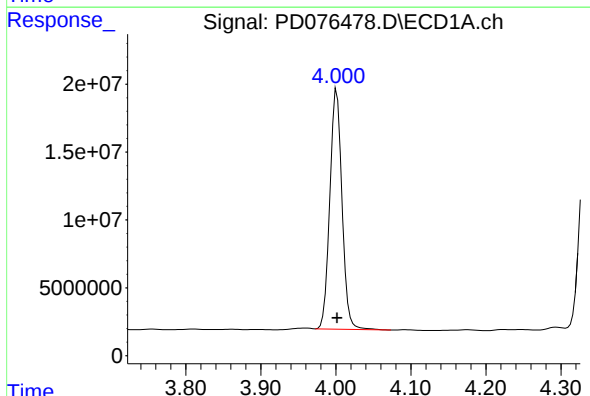
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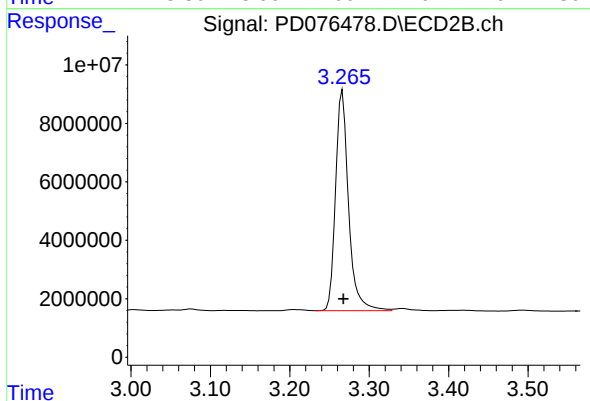
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 27515550
Conc: 17.32 ng/ml



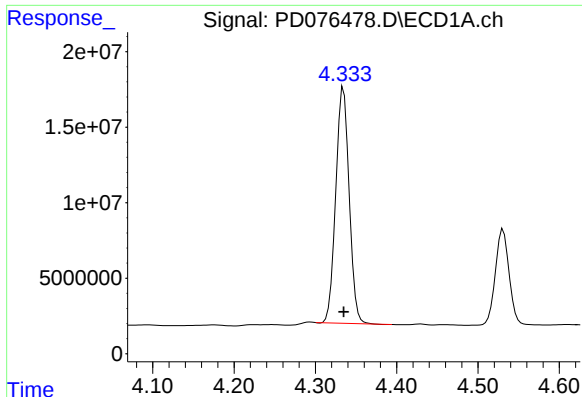
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 198983843
Conc: 34.36 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 85640149
Conc: 35.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 178626314
Conc: 34.12 ng/ml

Instrument :

ECD_D

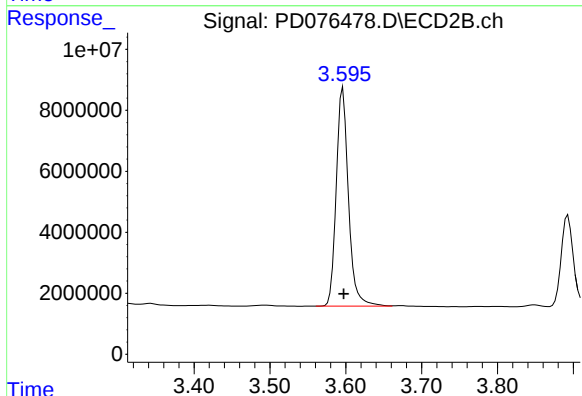
ClientSampleId :

WC-WWS-08MS

Manual Integrations

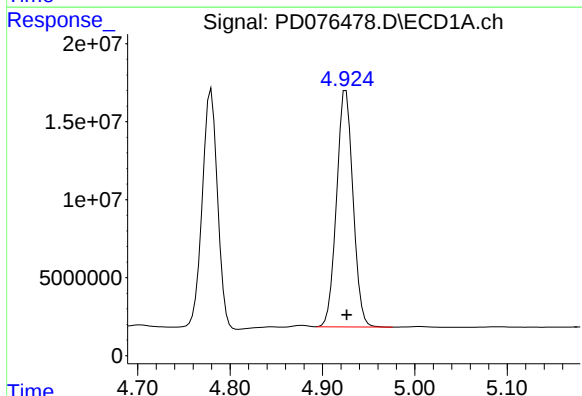
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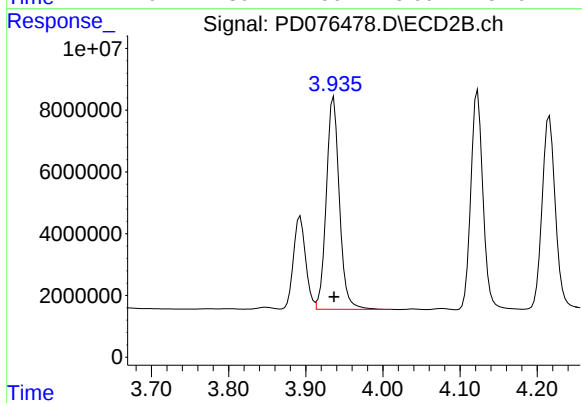
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 80229299
Conc: 36.04 ng/ml



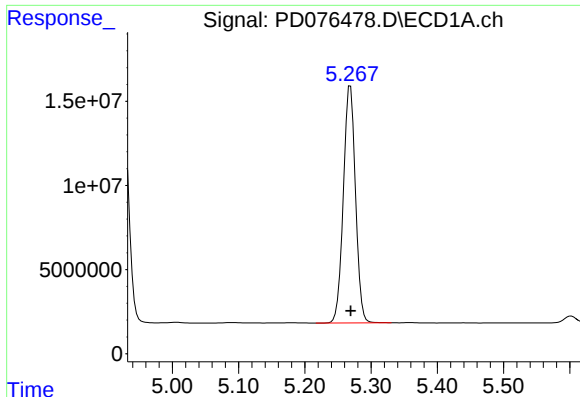
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 187684531
Conc: 34.12 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 81466149
Conc: 35.86 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 179354857
Conc: 33.55 ng/ml

Instrument :

ECD_D

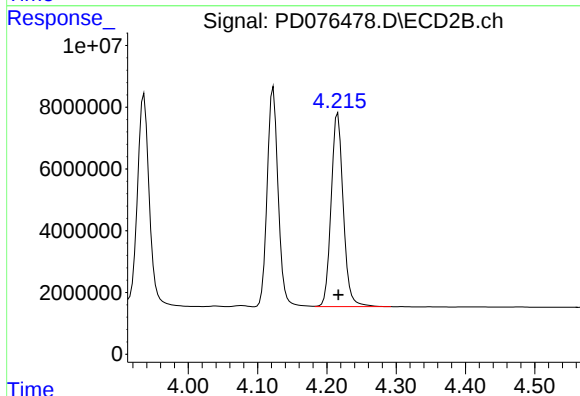
ClientSampleId :

WC-WWS-08MS

Manual Integrations

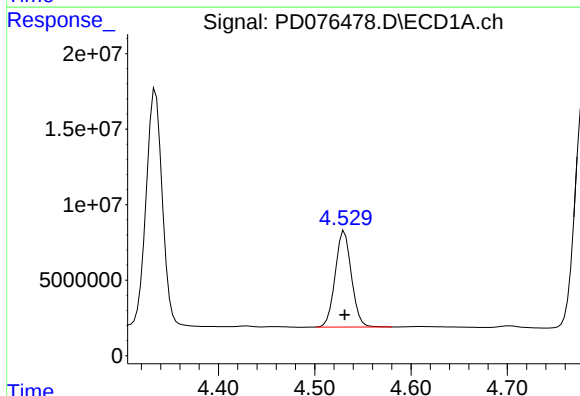
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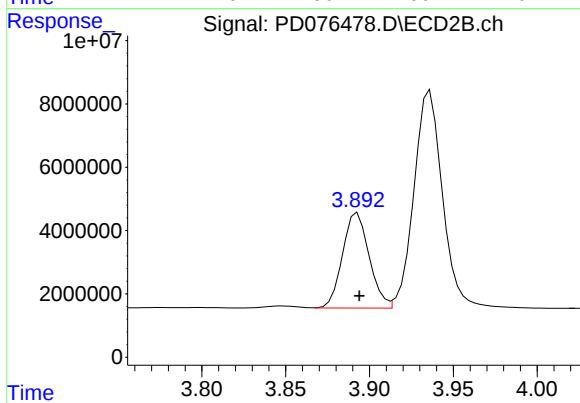
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 76335114
Conc: 34.44 ng/ml



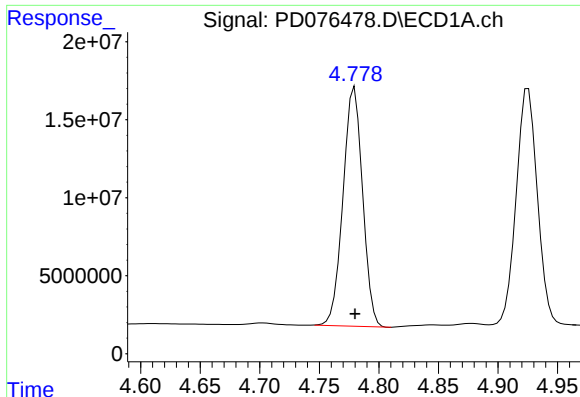
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 74251893
Conc: 35.42 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 33251923
Conc: 37.39 ng/ml



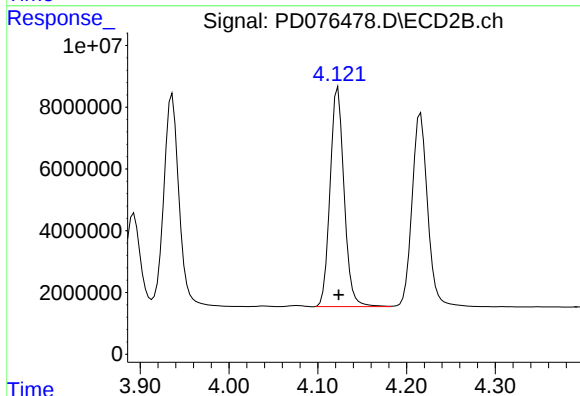
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 175438872
Conc: 34.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

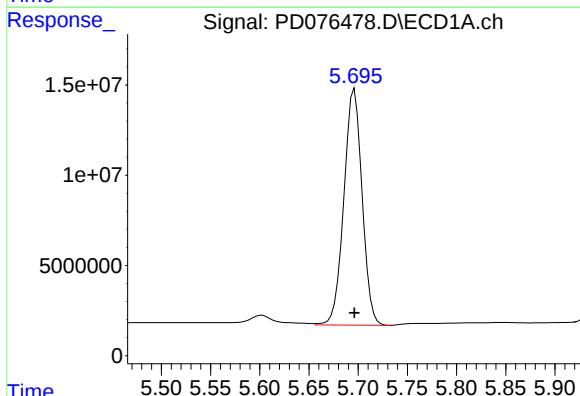
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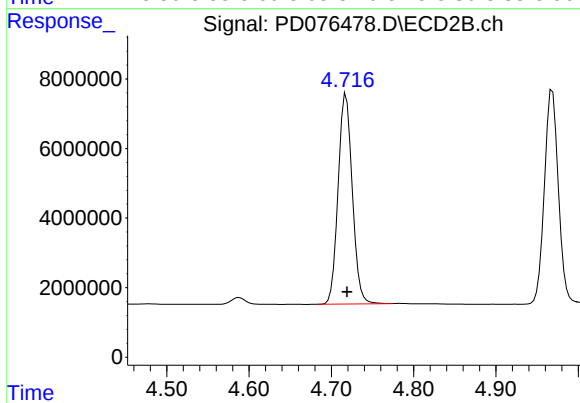
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 77928939
Conc: 37.06 ng/ml



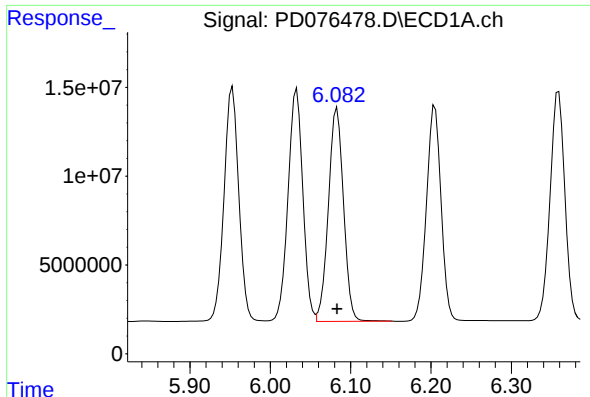
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 168551833
Conc: 34.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 72385637
Conc: 36.21 ng/ml



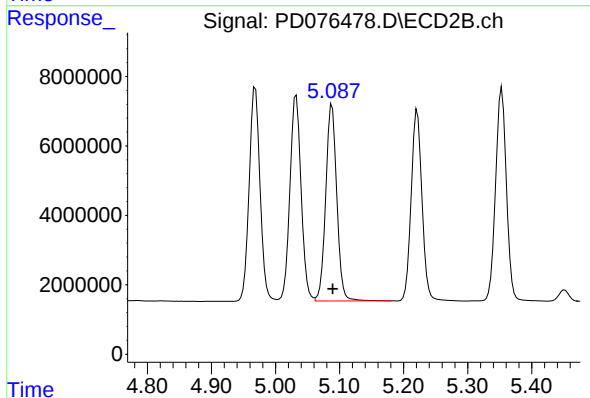
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 157531934
Conc: 35.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

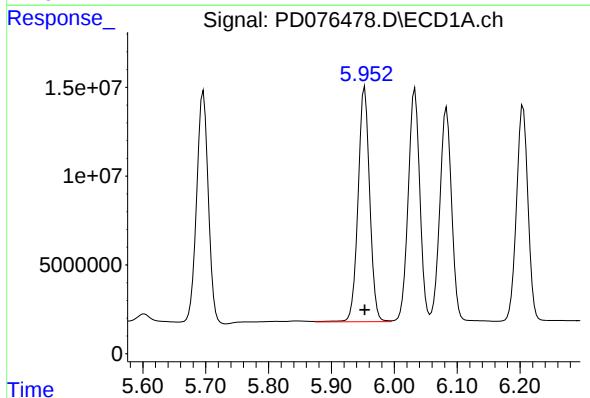
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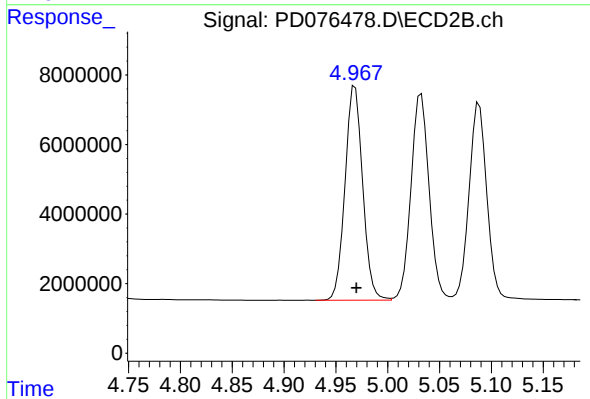
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 68056695
Conc: 36.34 ng/ml



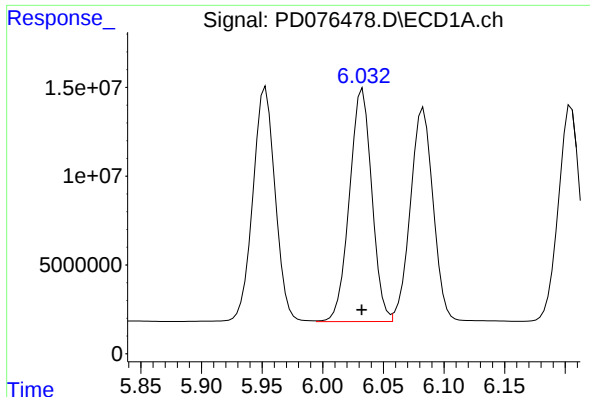
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 170156478
Conc: 34.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.001 min
Response: 72803088
Conc: 36.56 ng/ml



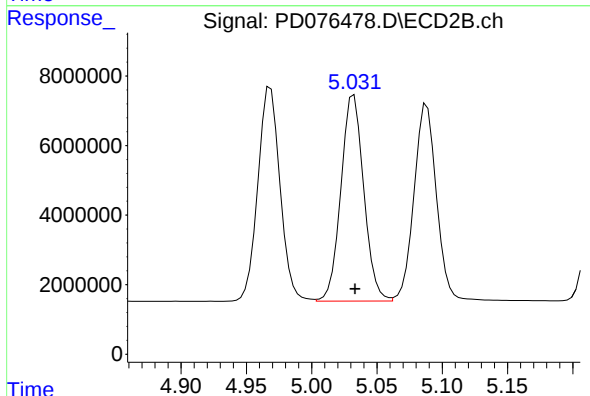
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 167955551
Conc: 34.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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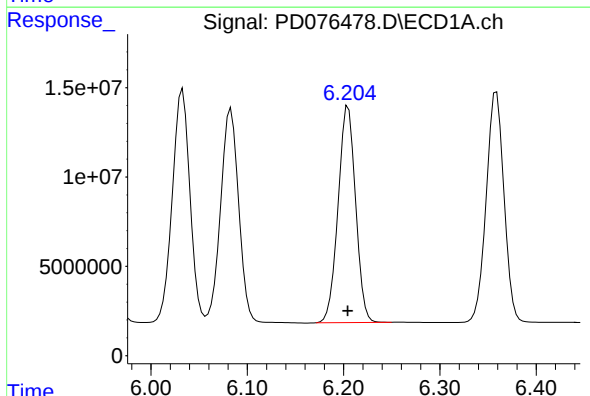
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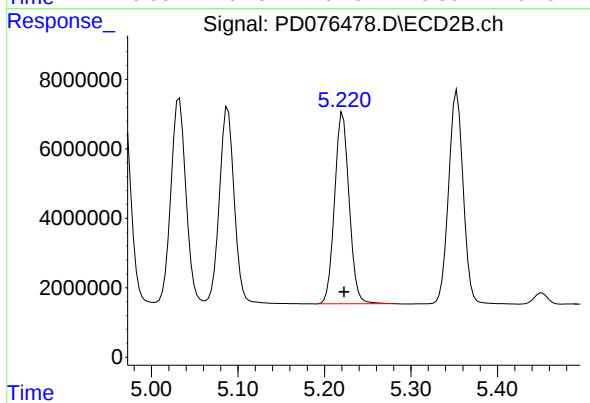
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 72192486
Conc: 36.33 ng/ml



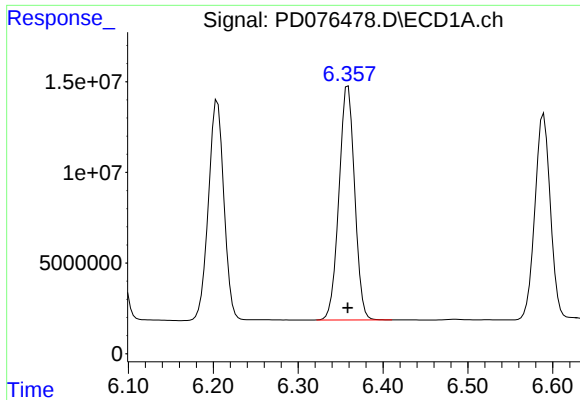
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 152962460
Conc: 36.04 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 64173968
Conc: 41.75 ng/ml



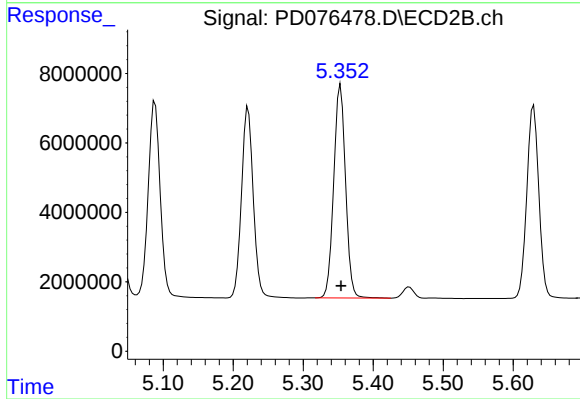
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 165272623
Conc: 35.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

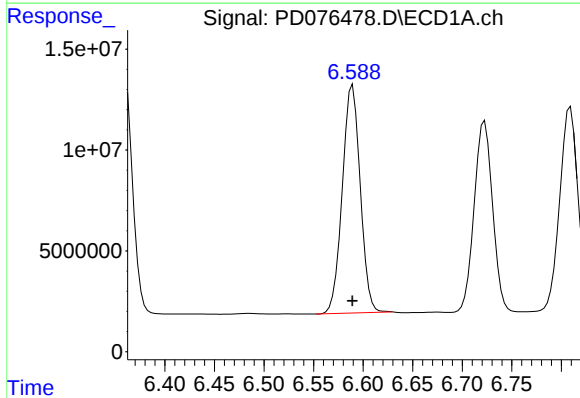
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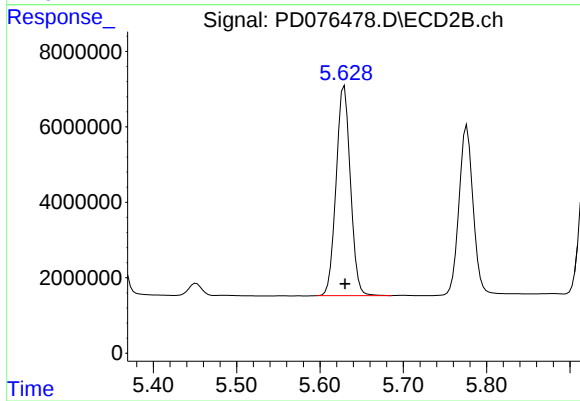
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 72064346
Conc: 36.59 ng/ml



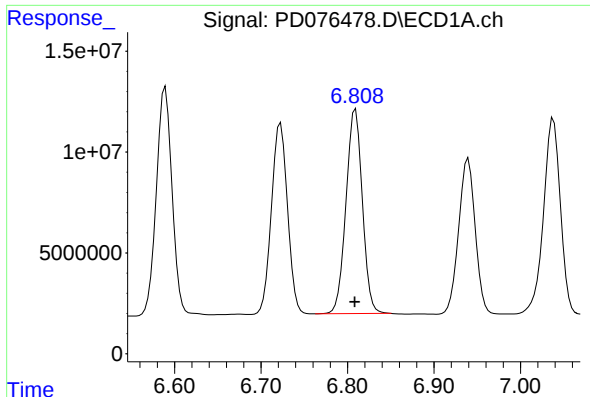
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 142362591
Conc: 35.76 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 66366546
Conc: 37.60 ng/ml



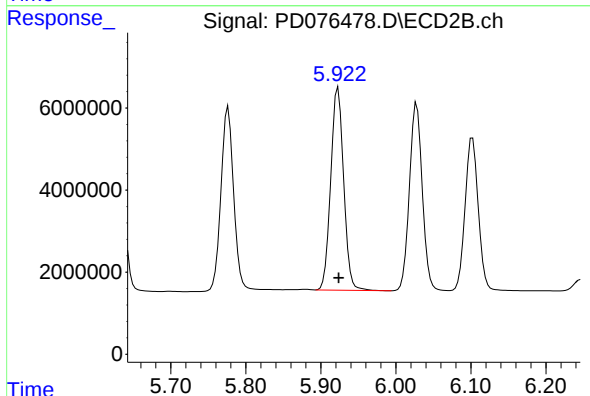
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 132663918
Conc: 35.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

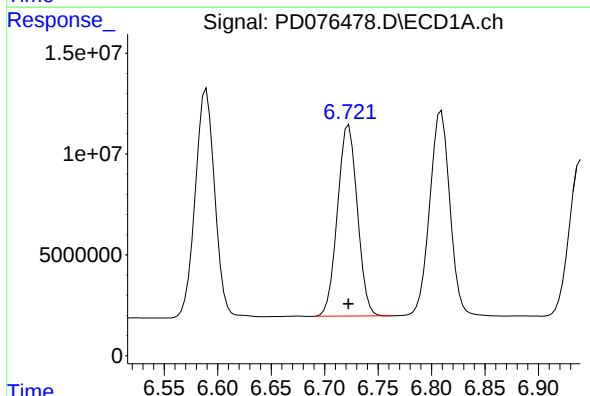
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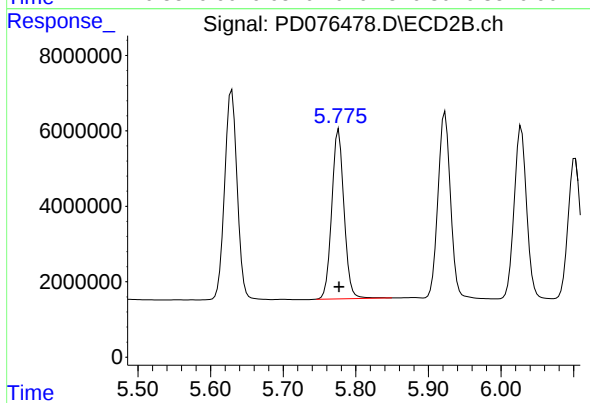
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 59179795
Conc: 38.14 ng/ml



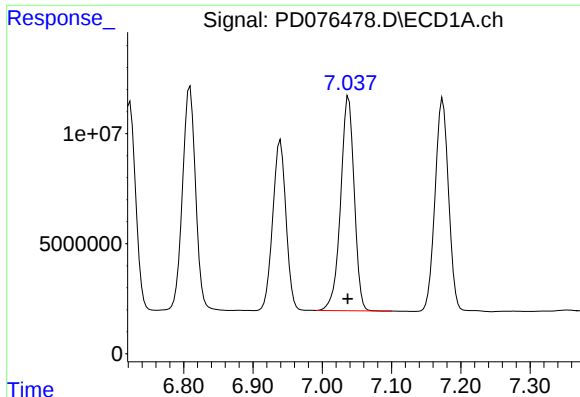
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 122587571
Conc: 36.49 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 52835376
Conc: 43.72 ng/ml



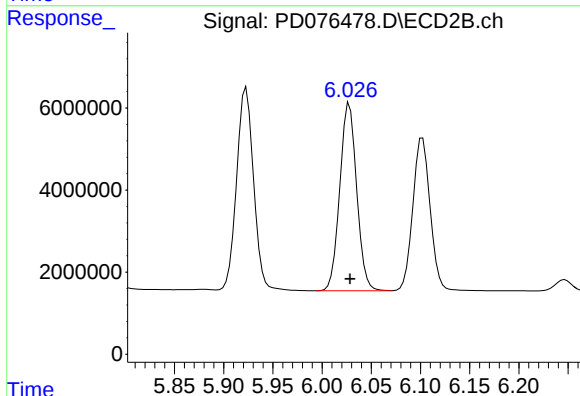
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 131275907
Conc: 37.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

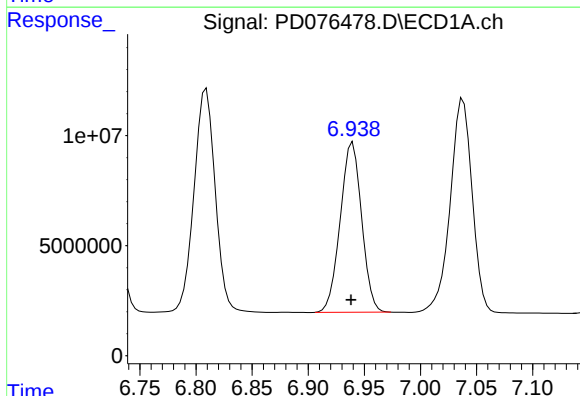
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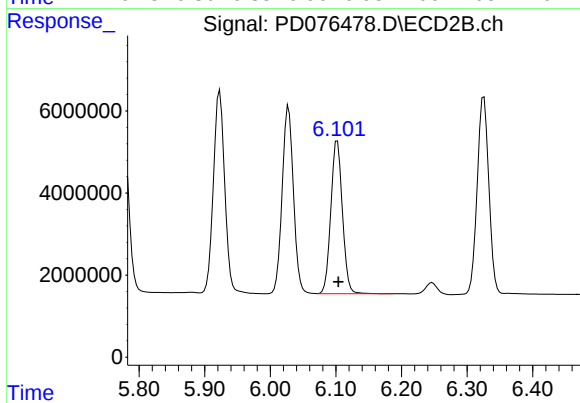
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 54623692
Conc: 45.13 ng/ml



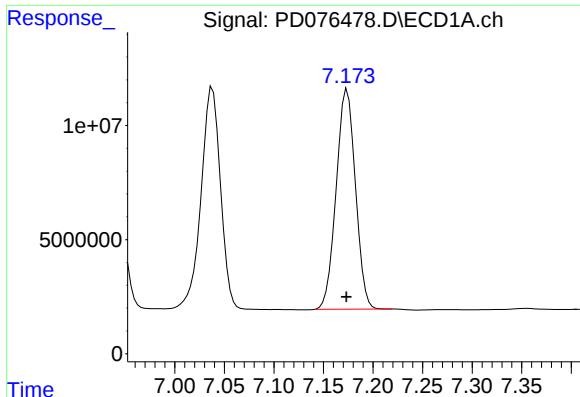
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 102327712
Conc: 37.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 45718361
Conc: 40.00 ng/ml



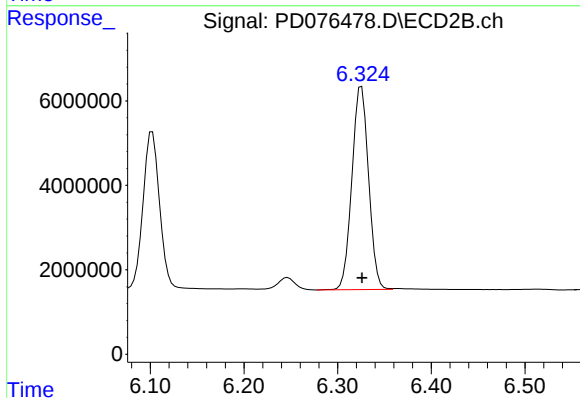
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 130217205
Conc: 35.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

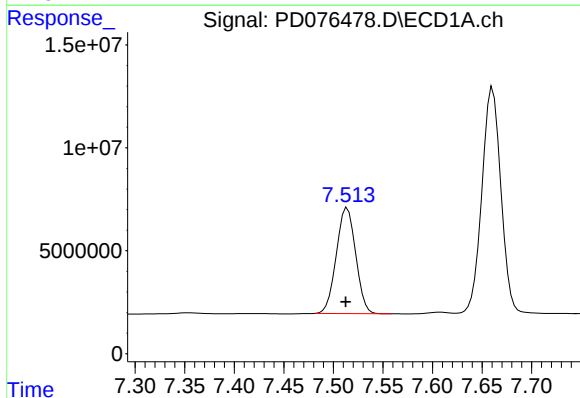
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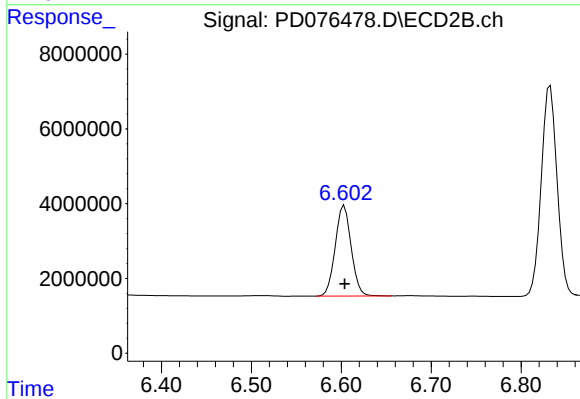
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 59491265
Conc: 39.15 ng/ml



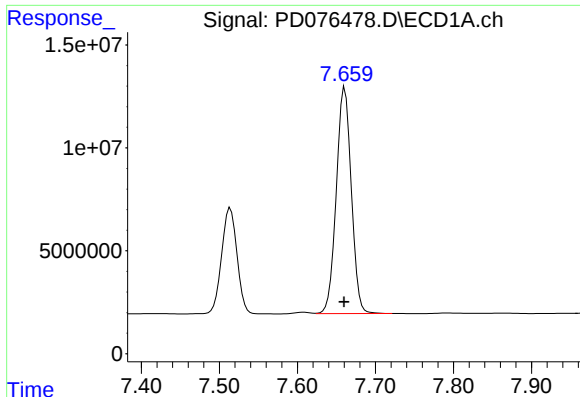
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.002 min
Response: 69887553
Conc: 36.57 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 29833608
Conc: 46.72 ng/ml



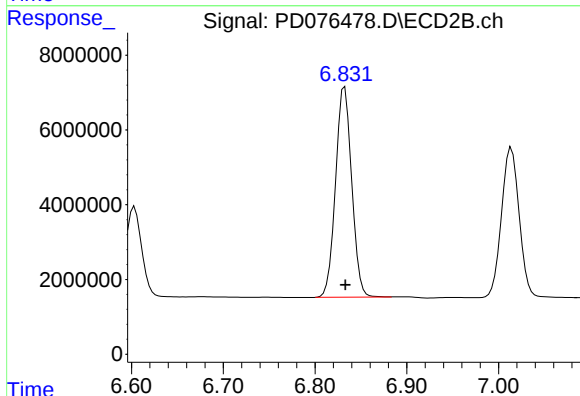
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 146808141
Conc: 35.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

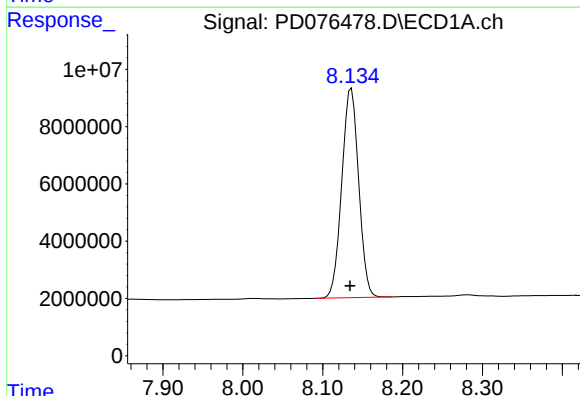
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



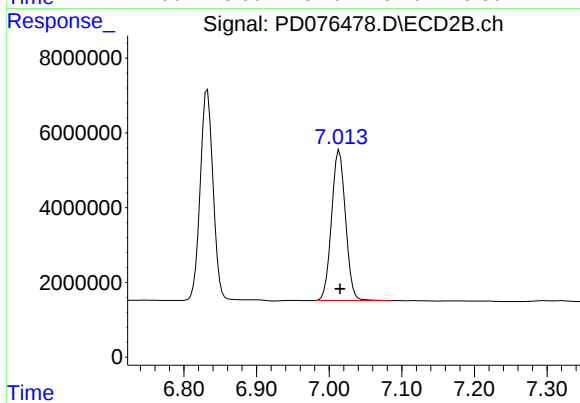
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 69009369
Conc: 39.48 ng/ml



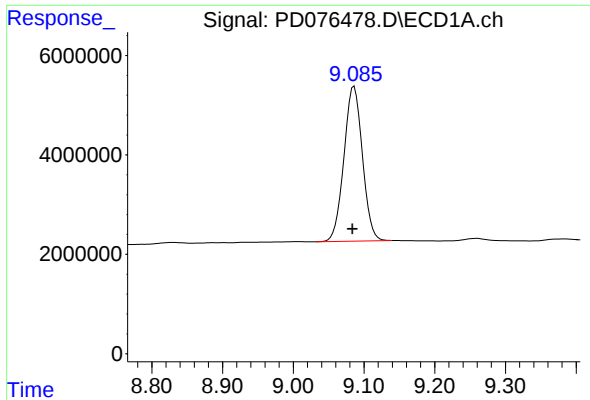
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.002 min
Response: 107304085
Conc: 33.96 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 53849648
Conc: 36.33 ng/ml



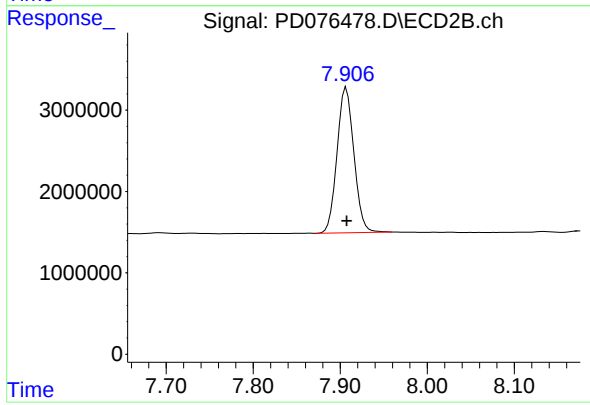
#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 56584422
Conc: 15.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 24077255
Conc: 19.13 ng/ml