

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 15:22
 Operator : AR\AJ
 Sample : 03509-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-WWS-01MS

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 10 22:29:11 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...	3.545	2.765	71636837	39523920	21.865	24.881
28) SA Decachlor...	9.088	7.908	75737711	33627250	21.301	26.720 #
Target Compounds						
2) A alpha-BHC	4.002	3.266	141.5E6	65247612	24.435	27.080
3) MA gamma-BHC...	4.335	3.596	131.0E6	61661239	25.019	27.697
4) MA Heptachlor	4.926	3.936	137.5E6	62384962	24.999	27.465
5) MB Aldrin	5.269	4.216	133.7E6	75867173	25.002	34.231 #
6) B beta-BHC	4.531	3.893	54585963	25834027	26.043	29.050
7) B delta-BHC	4.780	4.123	124.8E6	61380828	24.284	29.192
8) B Heptachlo...	5.695	4.719	155.7E6	54316916	32.317	27.169
9) A Endosulfan I	6.084	5.089	117.6E6	44220300	26.353	23.614
10) B gamma-Chl...	5.953	4.969	130.3E6	56814965	26.789	28.533
11) B alpha-Chl...	6.033	5.033	121.7E6	55250752	25.341	27.803
12) B 4,4'-DDE	6.205	5.220	101.8E6	48370822	23.983	31.470m#
13) MA Dieldrin	6.359	5.354	116.3E6	55044909	24.855	27.946
14) MA Endrin	6.590	5.630	103.9E6	54310571	26.101	30.769
15) B Endosulfa...	6.809	5.922	93536798	43806591	25.188	28.231m
16) A 4,4'-DDD	6.723	5.777	85293641	39365025	25.388	32.571 #
17) MA 4,4'-DDT	7.038	6.028	96325612	40994057	27.396	33.871
18) B Endrin al...	6.938	6.103	71986178	34141905	26.264m	29.875
19) B Endosulfa...	7.175	6.326	93704700	45225353	25.361	29.765
20) A Methoxychlor	7.513	6.604	46901313	22454187	24.539m	35.161 #
21) B Endrin ke...	7.662	6.831	103.1E6	48259804	24.689	27.611m
22) Mirex	8.138	7.015	80331702	40863123	25.423	27.568

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 15:22
Operator : AR\AJ
Sample : 03509-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

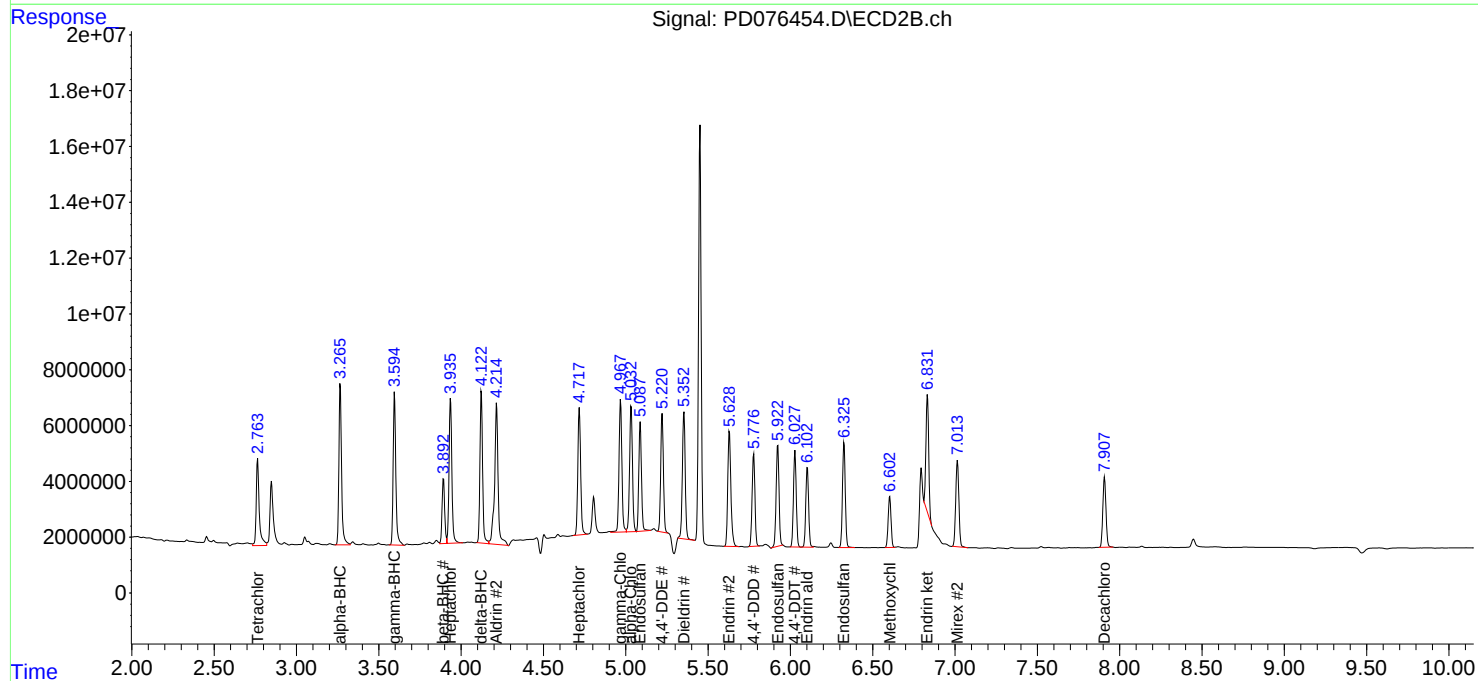
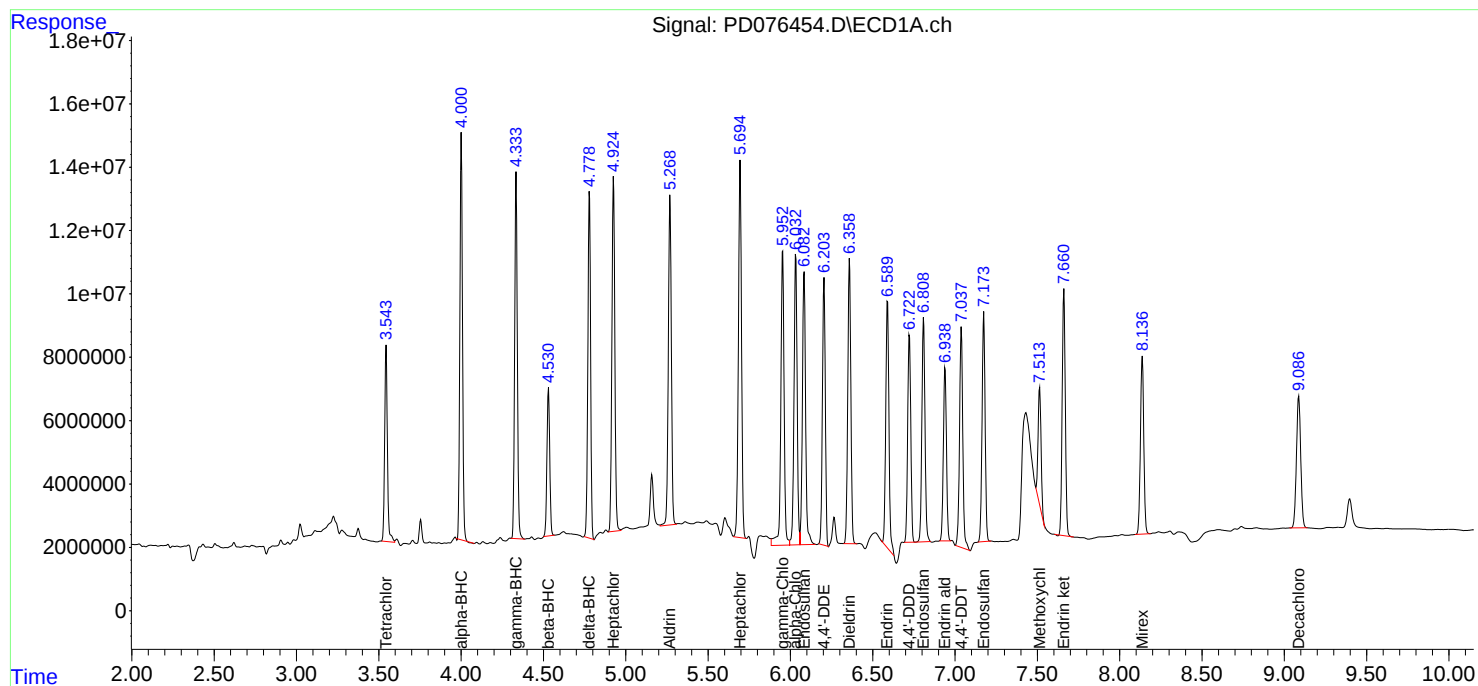
Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

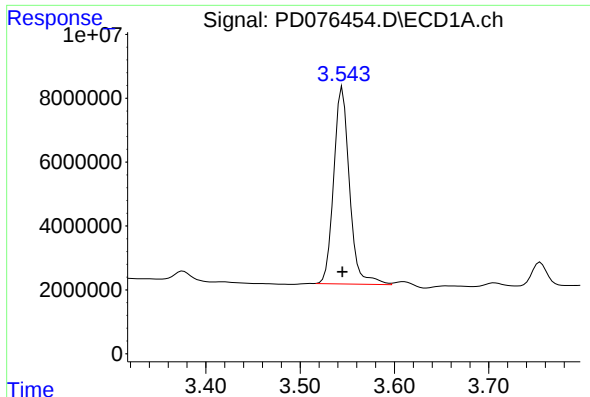
Manual Integrations
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Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:29:11 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





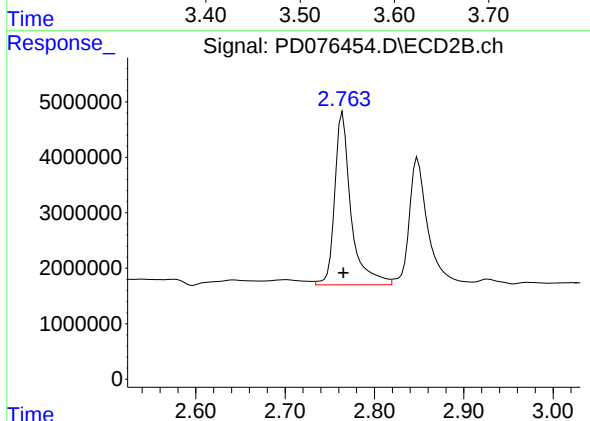
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 71636837
Conc: 21.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

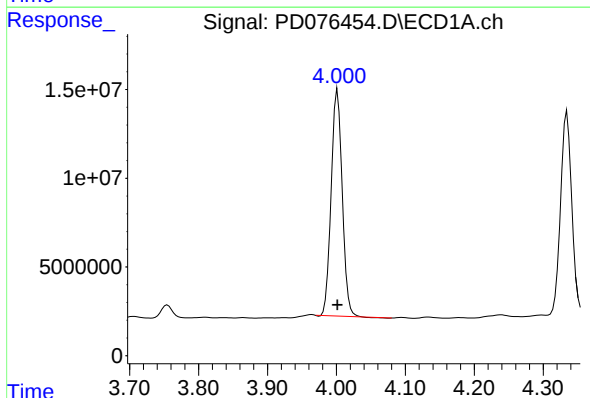
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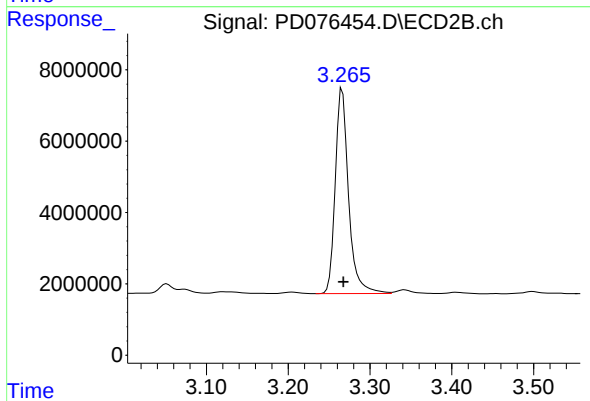
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 39523920
Conc: 24.88 ng/ml



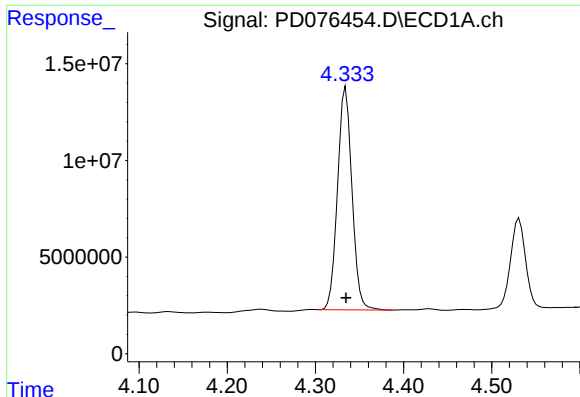
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 141529111
Conc: 24.44 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 65247612
Conc: 27.08 ng/ml



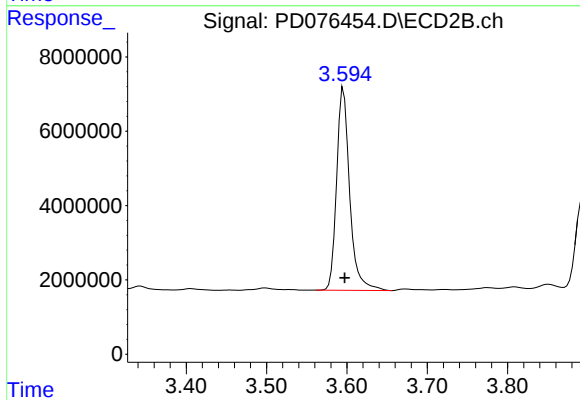
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 130985888
Conc: 25.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

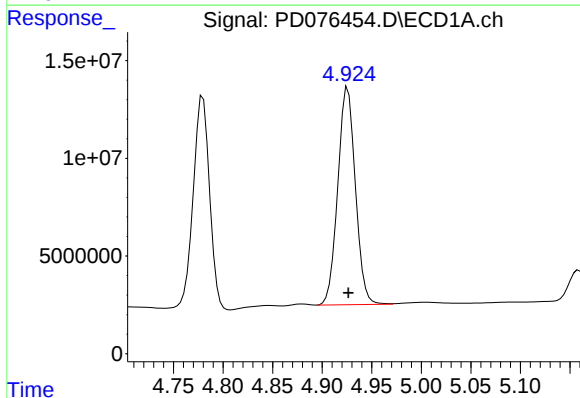
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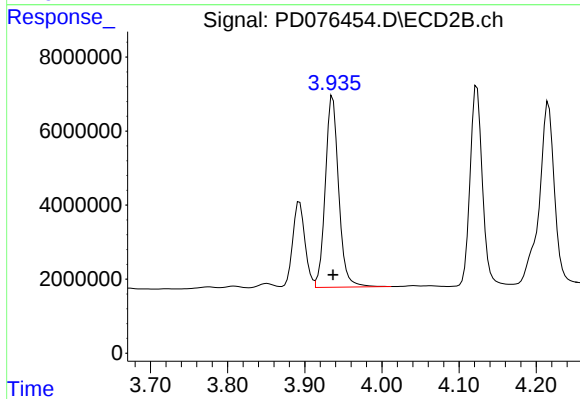
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.001 min
Response: 61661239
Conc: 27.70 ng/ml



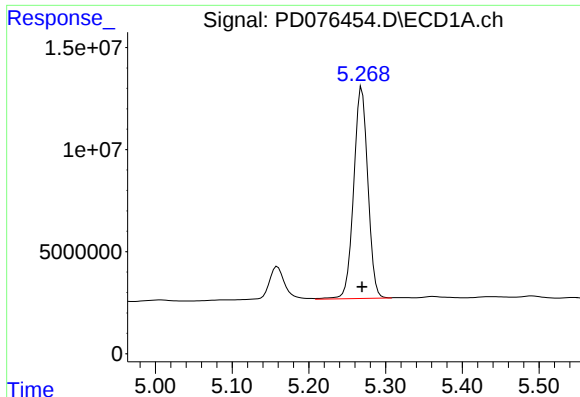
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 137496868
Conc: 25.00 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 62384962
Conc: 27.46 ng/ml



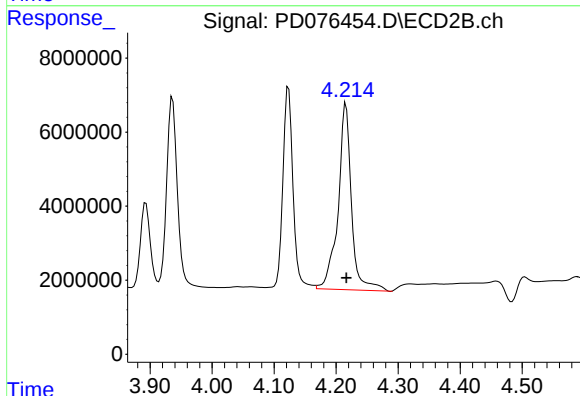
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 133671156
Conc: 25.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

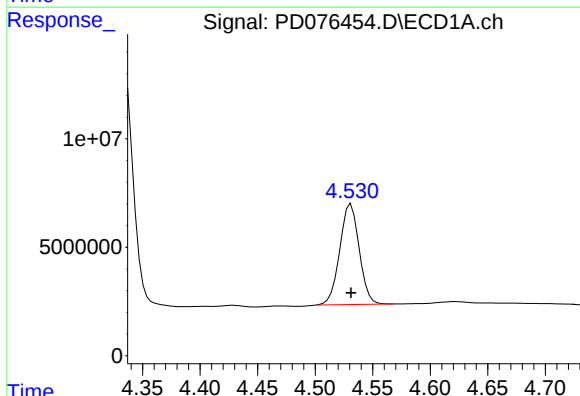
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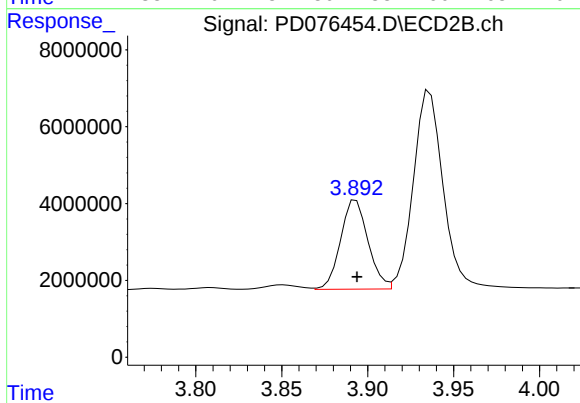
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 75867173
Conc: 34.23 ng/ml



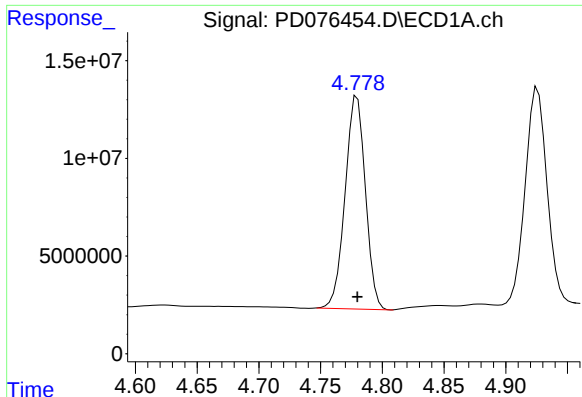
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 54585963
Conc: 26.04 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 25834027
Conc: 29.05 ng/ml



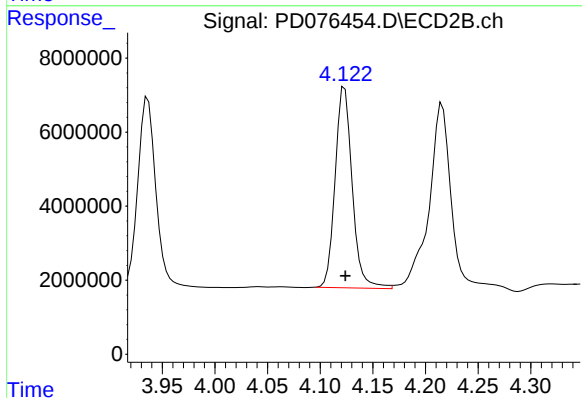
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 124813212
Conc: 24.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

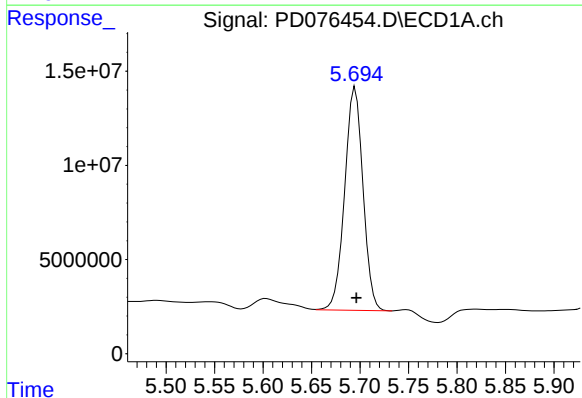
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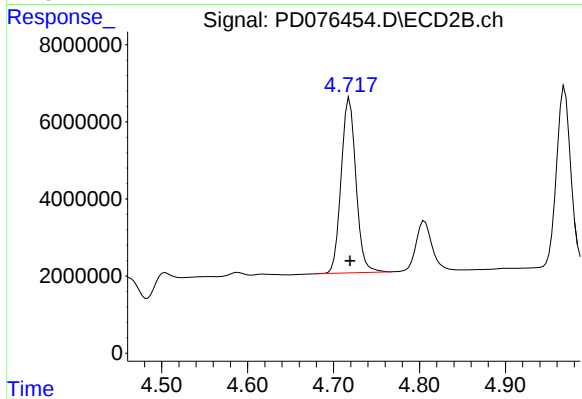
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 61380828
Conc: 29.19 ng/ml



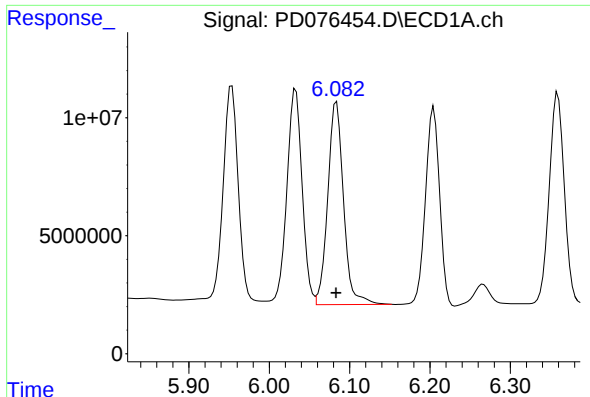
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 155711113
Conc: 32.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 54316916
Conc: 27.17 ng/ml



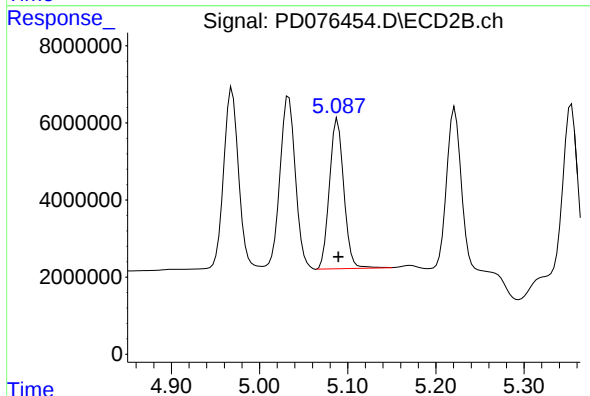
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 117560725
Conc: 26.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

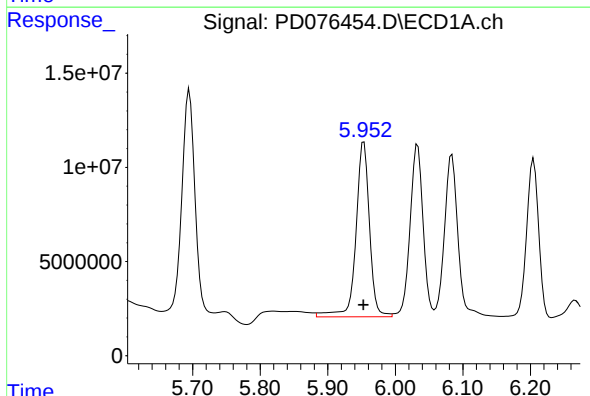
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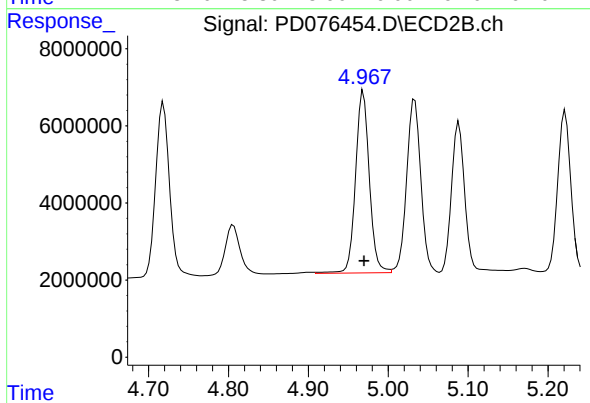
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 44220300
Conc: 23.61 ng/ml



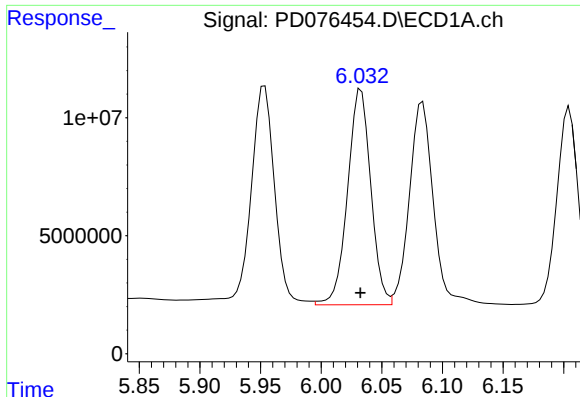
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 130278866
Conc: 26.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 56814965
Conc: 28.53 ng/ml



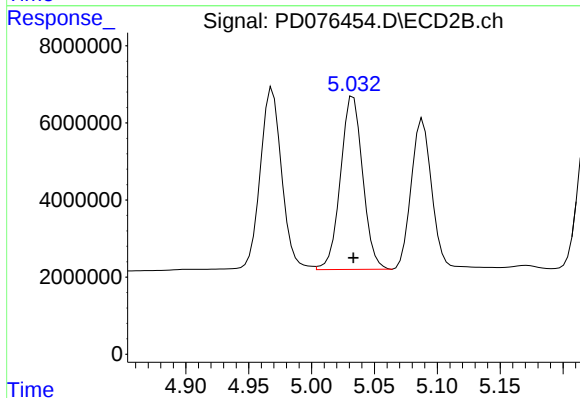
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 121743906
Conc: 25.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

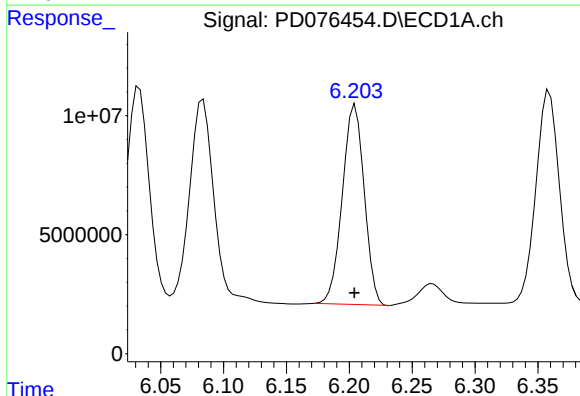
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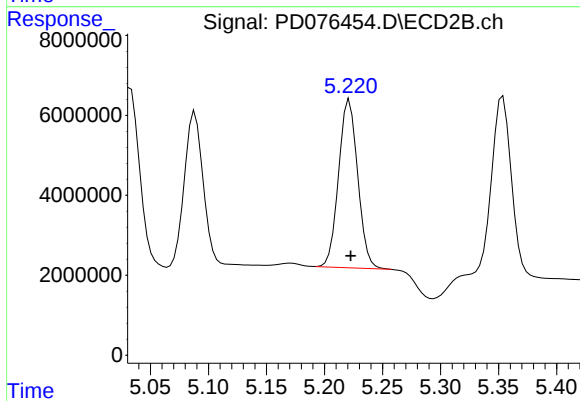
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 55250752
Conc: 27.80 ng/ml



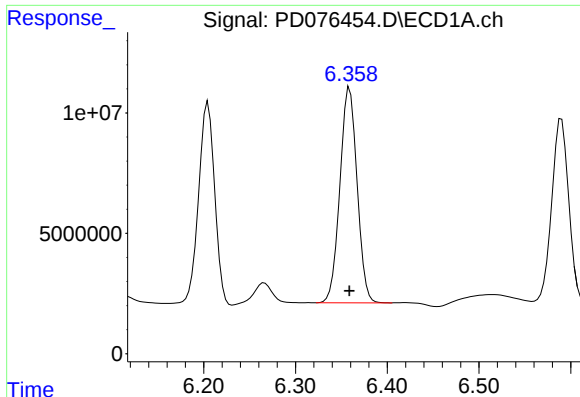
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 101804745
Conc: 23.98 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.002 min
Response: 48370822
Conc: 31.47 ng/ml m



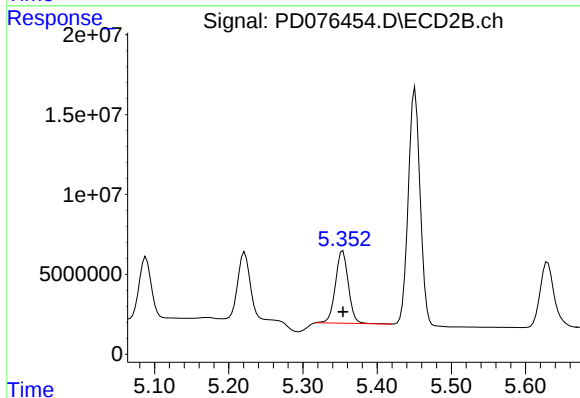
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 116275183
Conc: 24.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

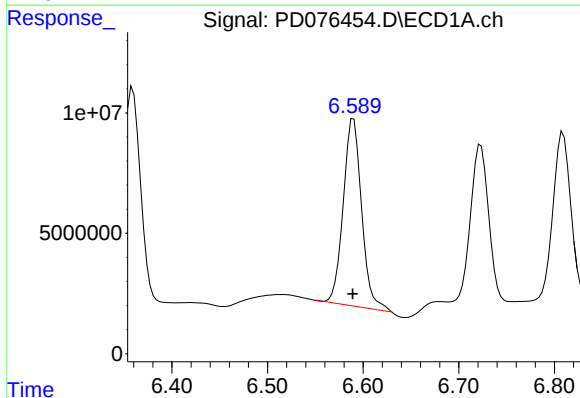
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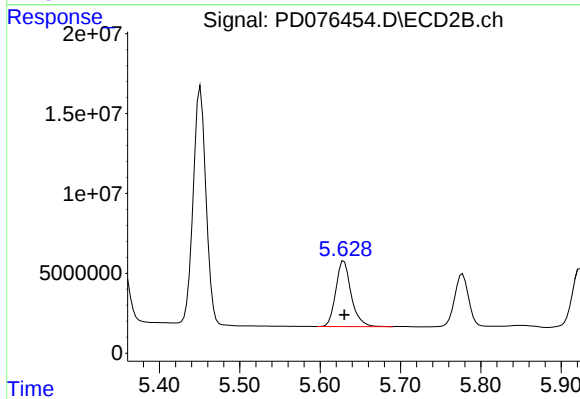
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 55044909
Conc: 27.95 ng/ml



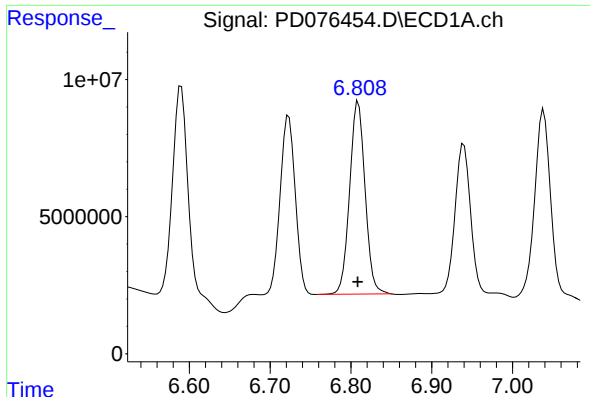
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 103918959
Conc: 26.10 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 54310571
Conc: 30.77 ng/ml



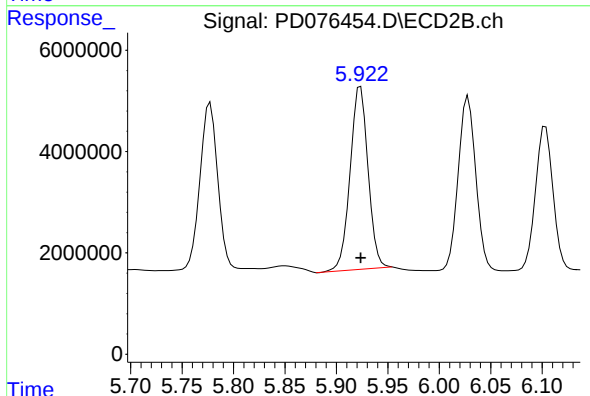
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 93536798
Conc: 25.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

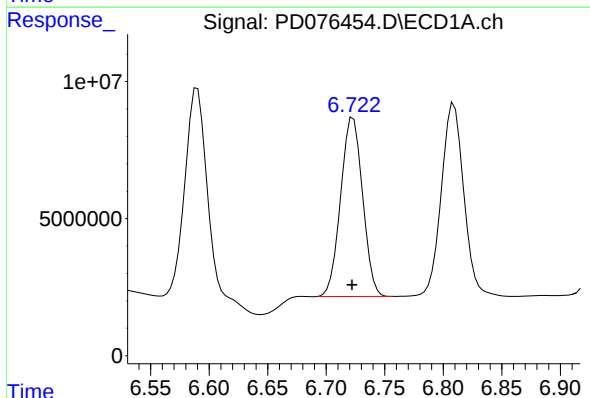
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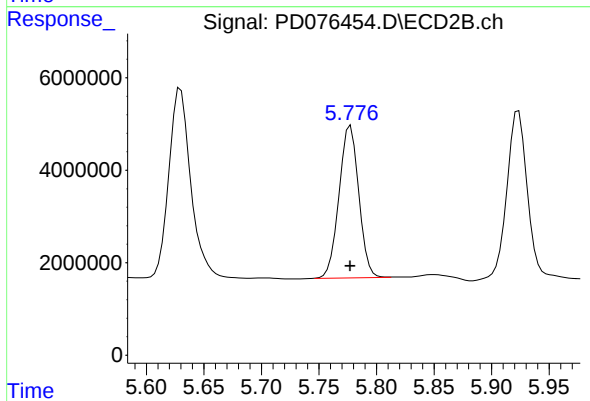
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 43806591
Conc: 28.23 ng/ml m



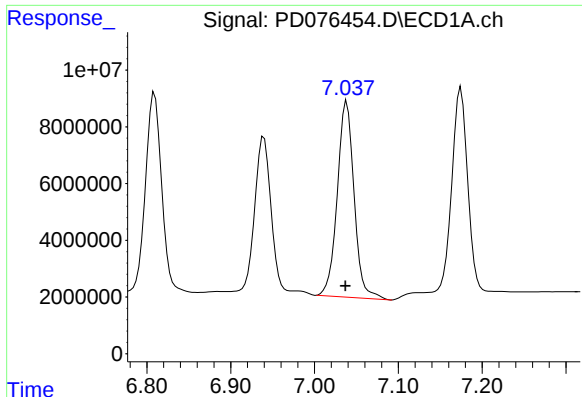
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 85293641
Conc: 25.39 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 39365025
Conc: 32.57 ng/ml



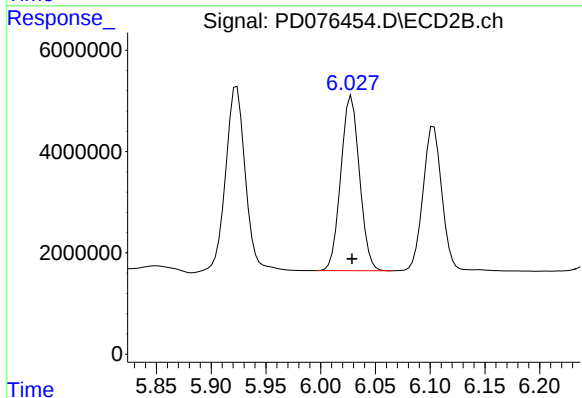
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 96325612
Conc: 27.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

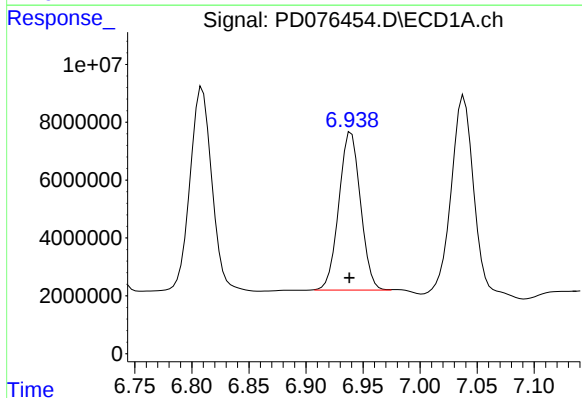
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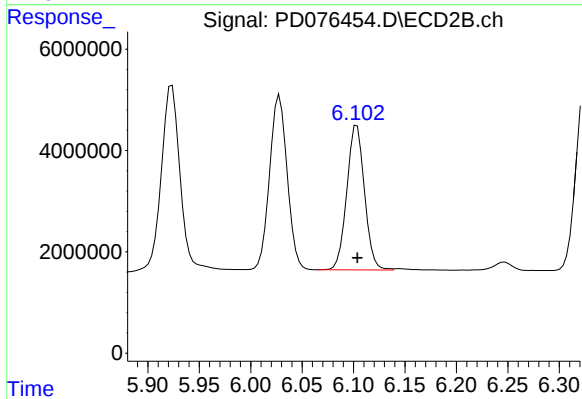
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 40994057
Conc: 33.87 ng/ml



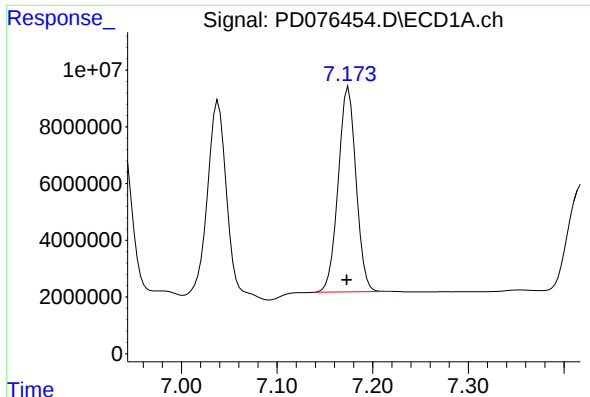
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 71986178
Conc: 26.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 34141905
Conc: 29.87 ng/ml



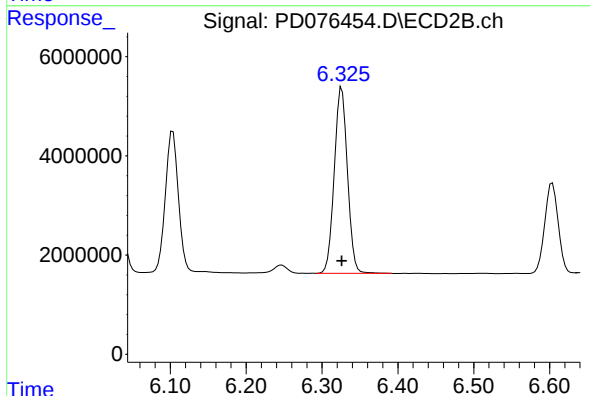
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 93704700
Conc: 25.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

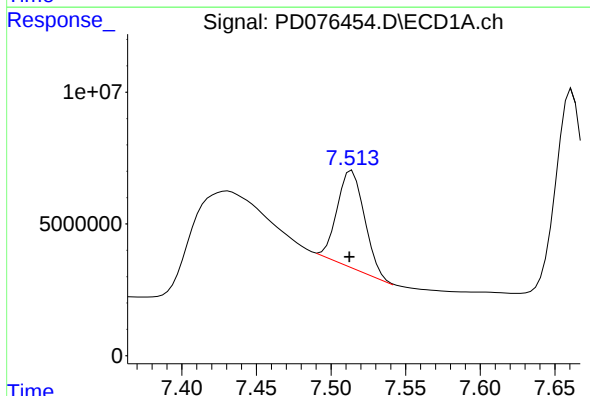
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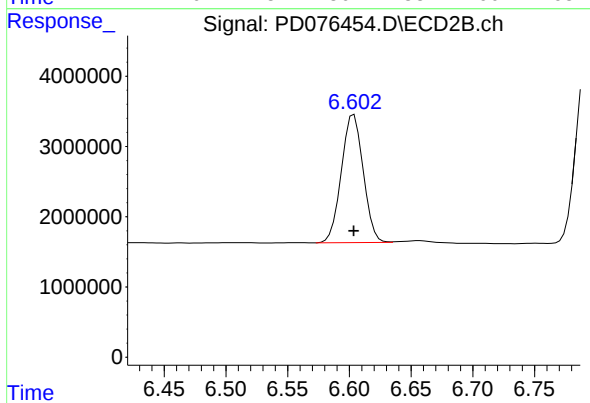
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 45225353
Conc: 29.76 ng/ml



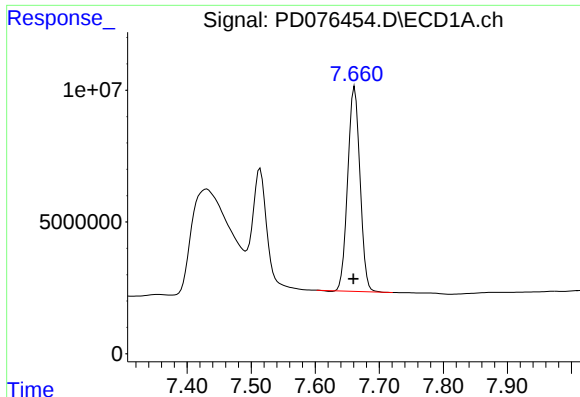
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 46901313
Conc: 24.54 ng/ml m



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 22454187
Conc: 35.16 ng/ml



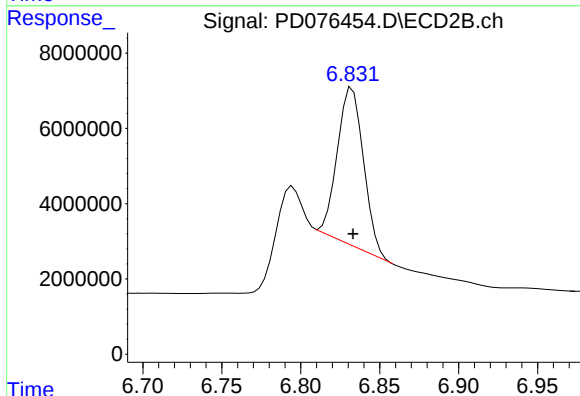
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 103071578
Conc: 24.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

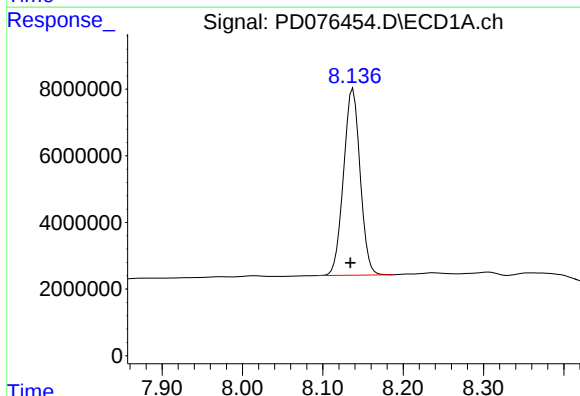
Manual Integrations
APPROVED

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



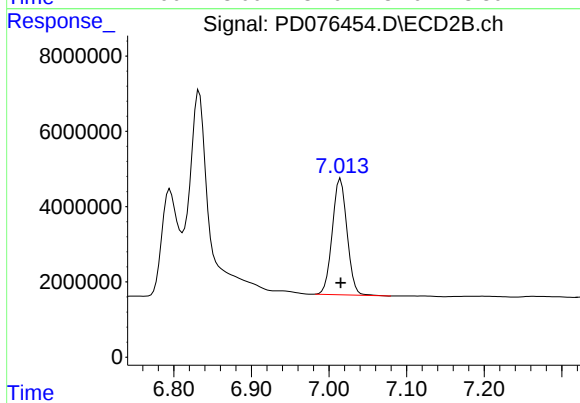
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 48259804
Conc: 27.61 ng/ml m



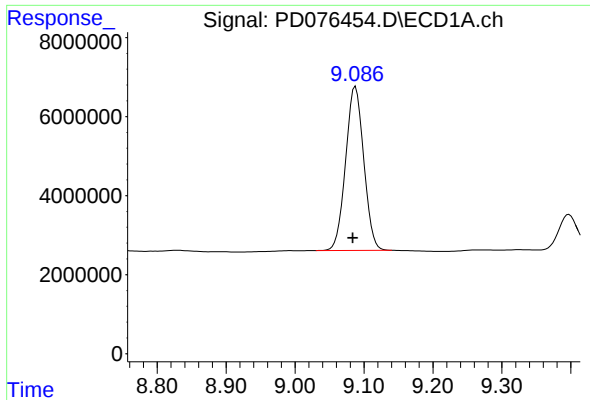
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 80331702
Conc: 25.42 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 40863123
Conc: 27.57 ng/ml



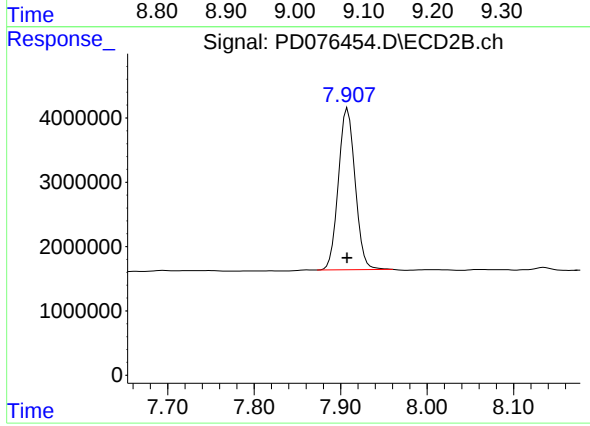
#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.004 min
Response: 75737711
Conc: 21.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MS

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



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 33627250
Conc: 26.72 ng/ml