

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 15:36
 Operator : AR\AJ
 Sample : 03509-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-WWS-01MSD

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 22:29:59 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	2.764	75826643	41552777	23.144	26.158
2)	SA Decachlor...	9.087	7.908	81014487	36545638	22.785	29.039 #
Target Compounds							
2)	A alpha-BHC	4.001	3.267	150.6E6	68899890	26.005	28.596
3)	MA gamma-BHC...	4.335	3.597	137.8E6	65043610	26.318	29.216
4)	MA Heptachlor	4.926	3.936	144.1E6	65817024	26.193	28.975
5)	MB Aldrin	5.269	4.215	138.5E6	64412345	25.901	29.063m
6)	B beta-BHC	4.531	3.893	57083391	27076036	27.234	30.446
7)	B delta-BHC	4.780	4.123	130.7E6	64426945	25.436	30.641
8)	B Heptachlo...	5.695	4.719	171.6E6	57346298	35.605	28.684
9)	A Endosulfan I	6.084	5.089	122.9E6	46046557	27.545	24.589
10)	B gamma-Chl...	5.952	4.969	121.8E6	59021312	25.056m	29.641
11)	B alpha-Chl...	6.033	5.033	128.8E6	58515754	26.813	29.447
12)	B 4,4'-DDE	6.205	5.221	104.9E6	51044595	24.713	33.209m#
13)	MA Dieldrin	6.360	5.354	122.5E6	58633370	26.178	29.768
14)	MA Endrin	6.590	5.630	108.8E6	58625226	27.330	33.214
15)	B Endosulfa...	6.810	5.923	98516037	46891293	26.529	30.219m
16)	A 4,4'-DDD	6.724	5.777	90099623	41872398	26.818	34.646 #
17)	MA 4,4'-DDT	7.039	6.029	101.3E6	43771749	28.819	36.166 #
18)	B Endrin al...	6.939	6.103	75506884	36437586	27.548m	31.884
19)	B Endosulfa...	7.175	6.326	97828914	47842815	26.477	31.487
20)	A Methoxychlor	7.513	6.604	48610460	23841366	25.434m	37.333 #
21)	B Endrin ke...	7.662	6.831	107.4E6	50364282	25.729	28.815m
22)	Mirex	8.137	7.015	86997030	43198941	27.533	29.144

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 15:36
Operator : AR\AJ
Sample : 03509-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

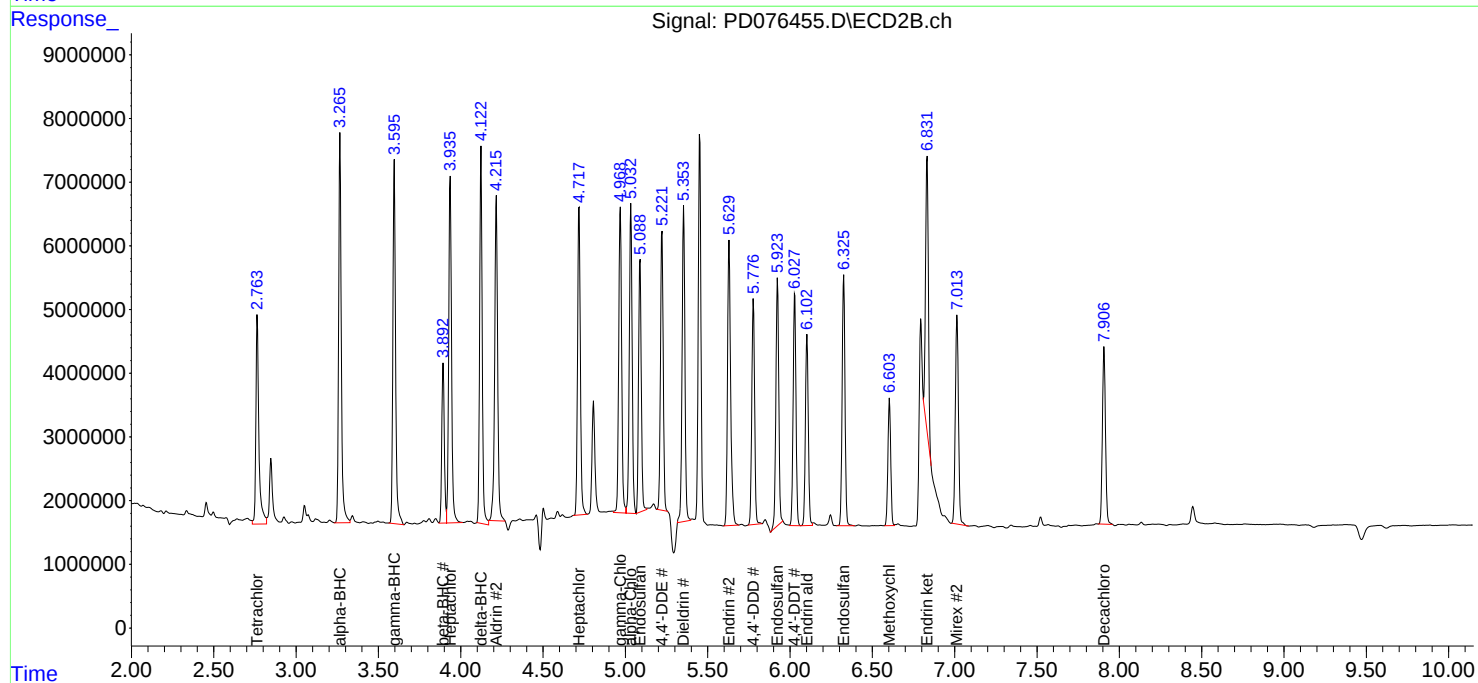
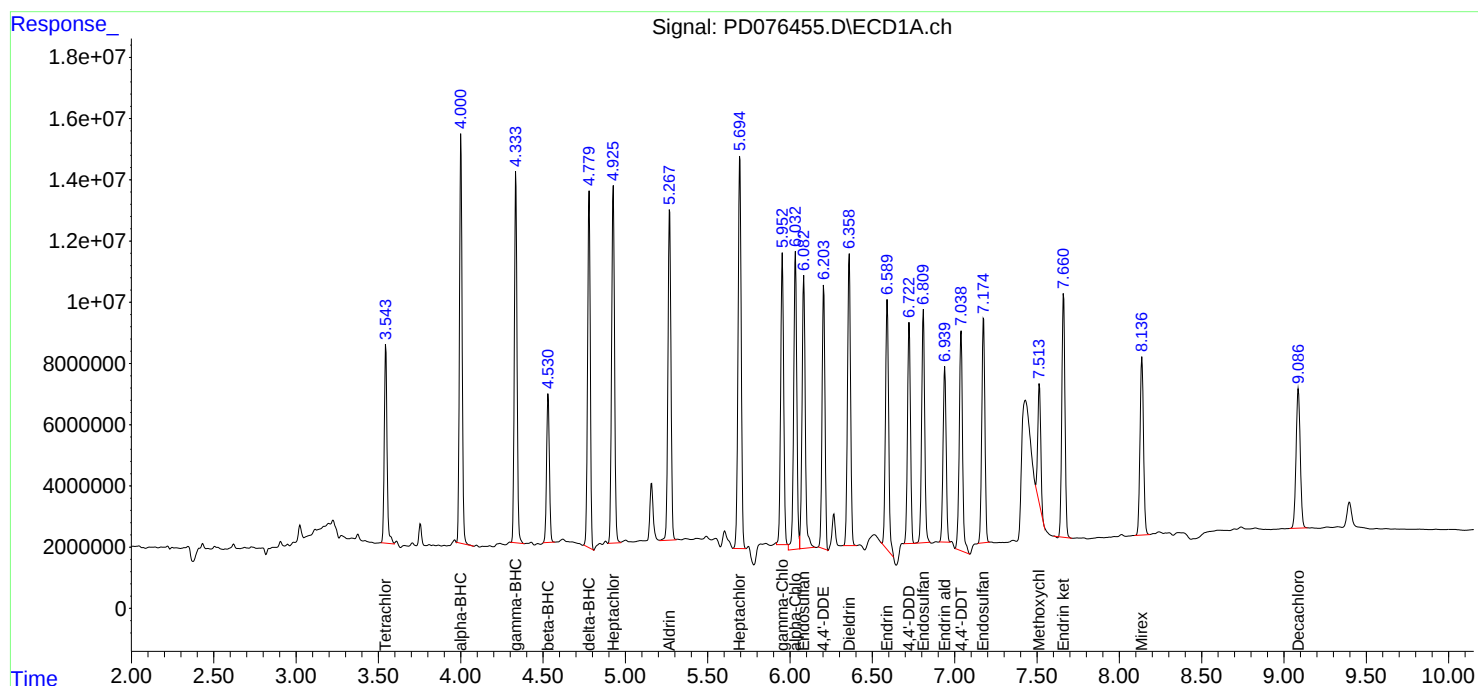
Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

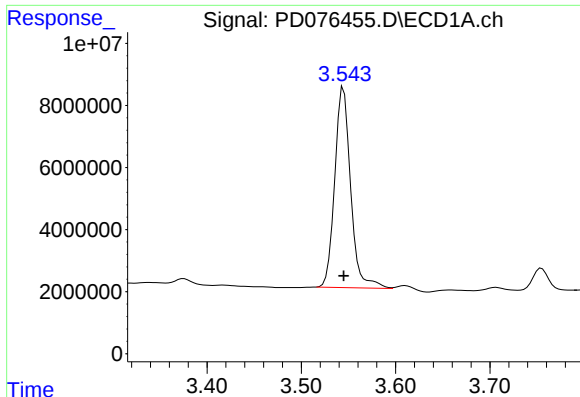
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:29:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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: 75826643
Conc: 23.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

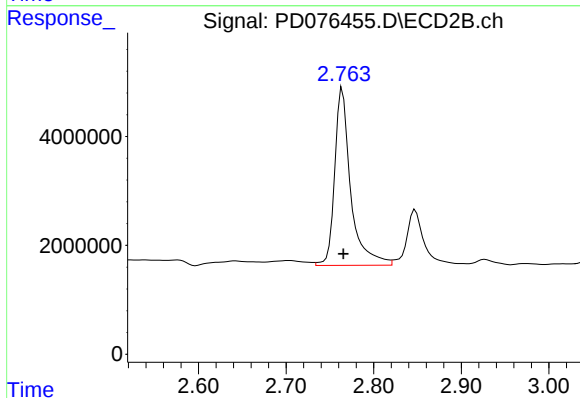
WC-WWS-01MSD

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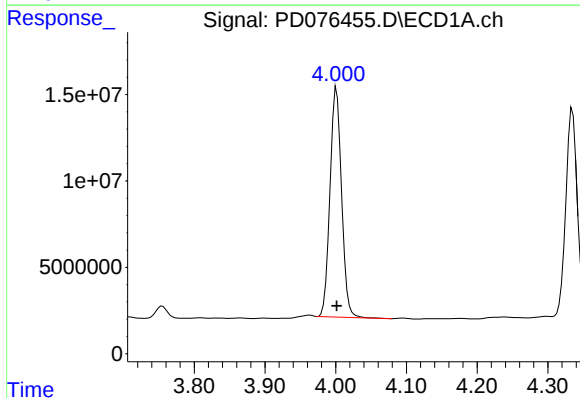
Reviewed By :Abdul Mirza 07/11/2023

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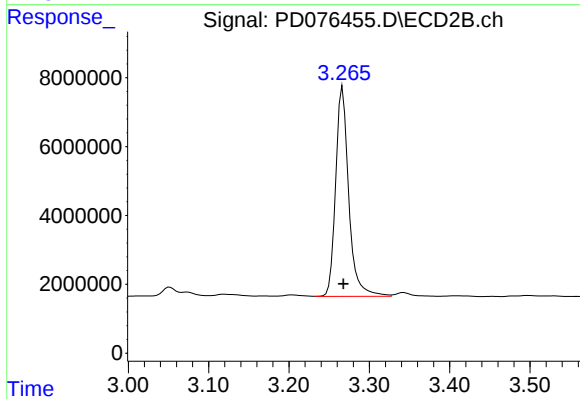
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 41552777
Conc: 26.16 ng/ml



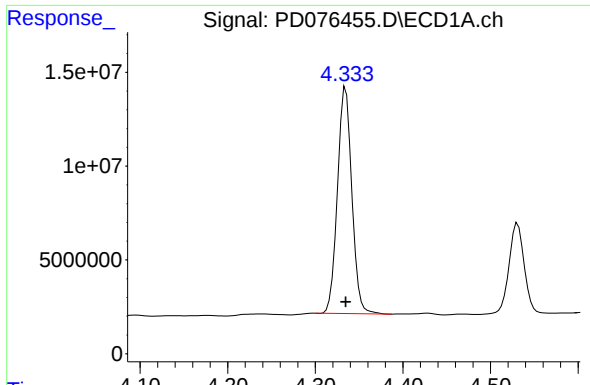
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 150621290
Conc: 26.01 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 68899890
Conc: 28.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 137786565
Conc: 26.32 ng/ml

Instrument :

ECD_D

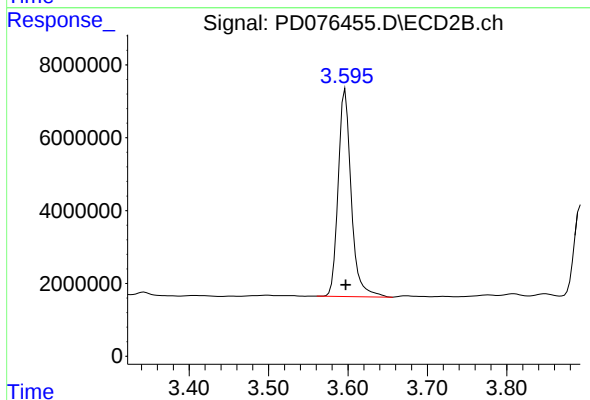
ClientSampleId :

WC-WWS-01MSD

Manual Integrations

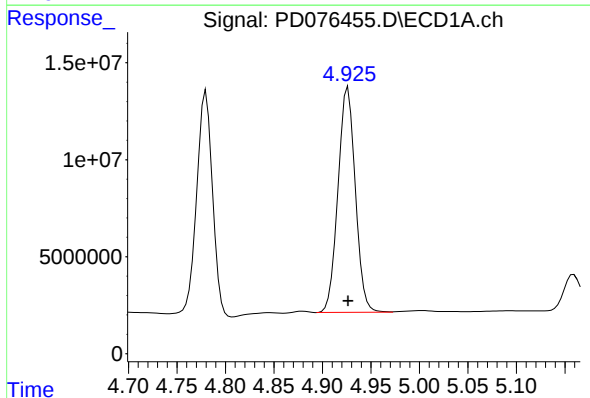
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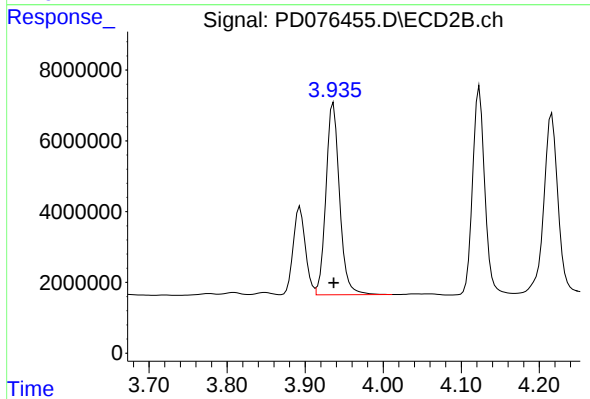
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 65043610
Conc: 29.22 ng/ml



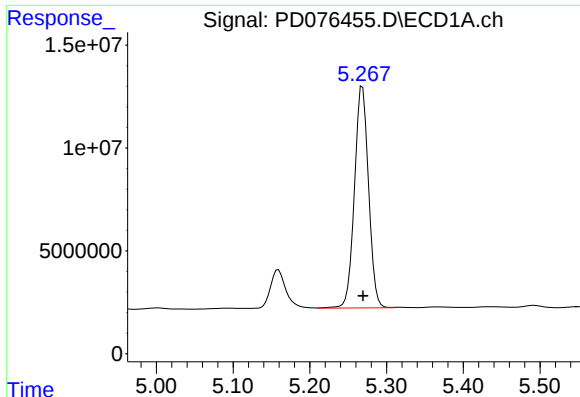
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 144061798
Conc: 26.19 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 65817024
Conc: 28.98 ng/ml



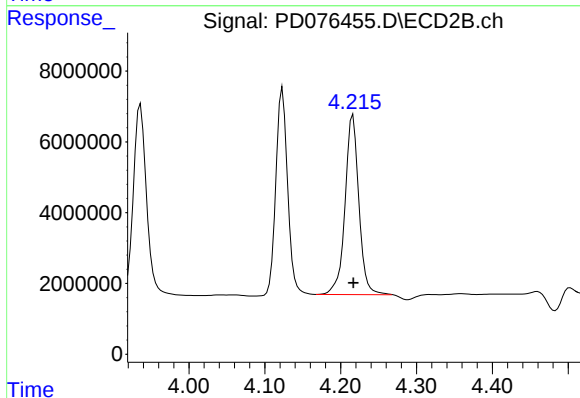
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 138473617
Conc: 25.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

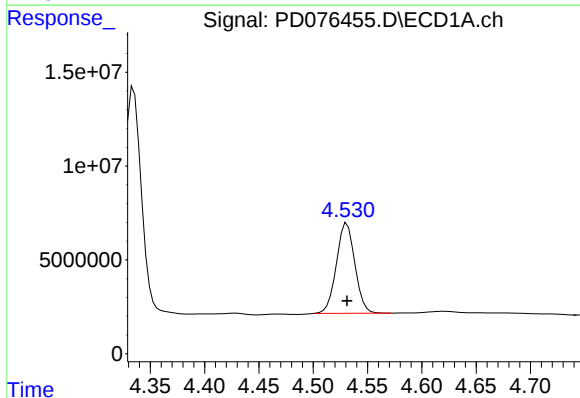
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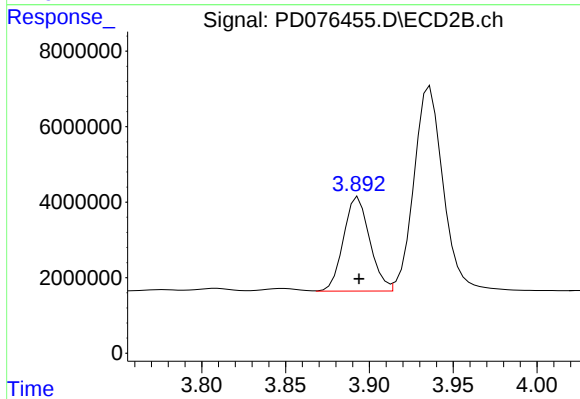
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 64412345
Conc: 29.06 ng/ml m



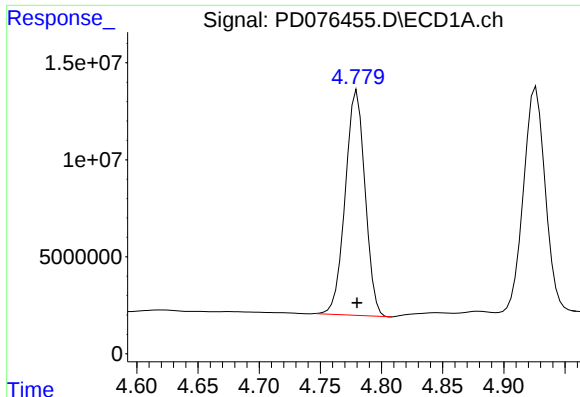
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 57083391
Conc: 27.23 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 27076036
Conc: 30.45 ng/ml



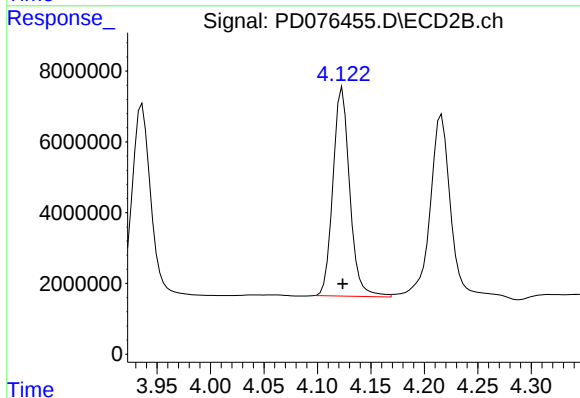
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 130735555
Conc: 25.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

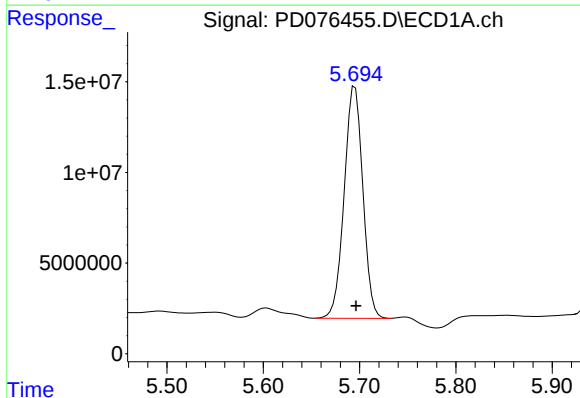
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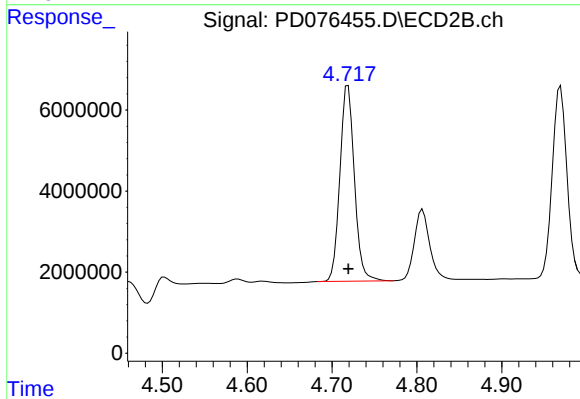
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 64426945
Conc: 30.64 ng/ml



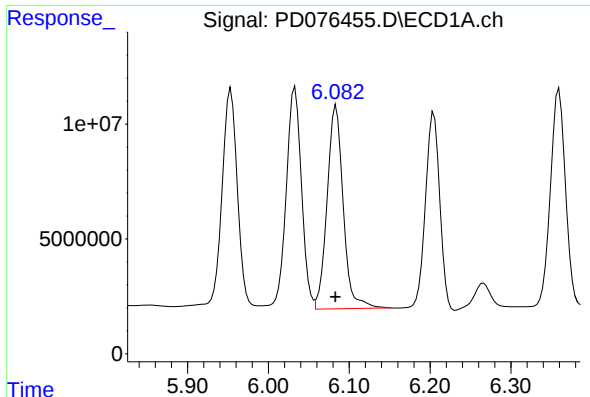
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 171556414
Conc: 35.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 57346298
Conc: 28.68 ng/ml



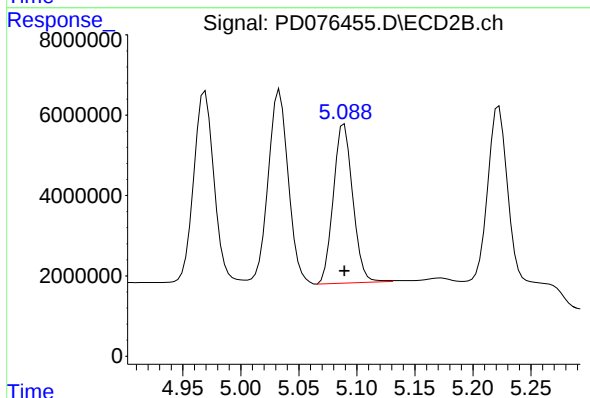
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 122876860
Conc: 27.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

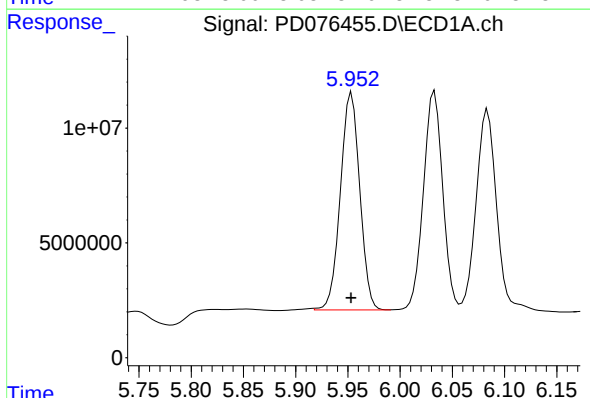
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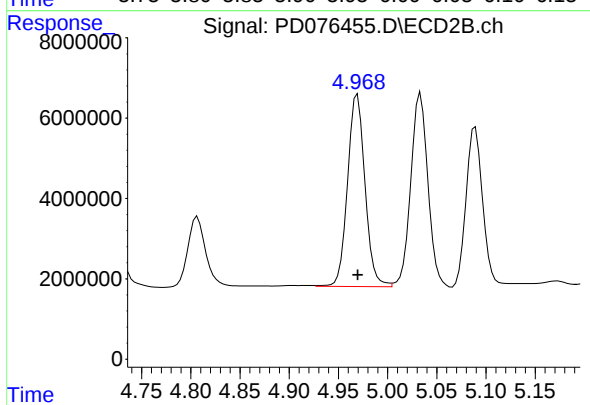
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 46046557
Conc: 24.59 ng/ml



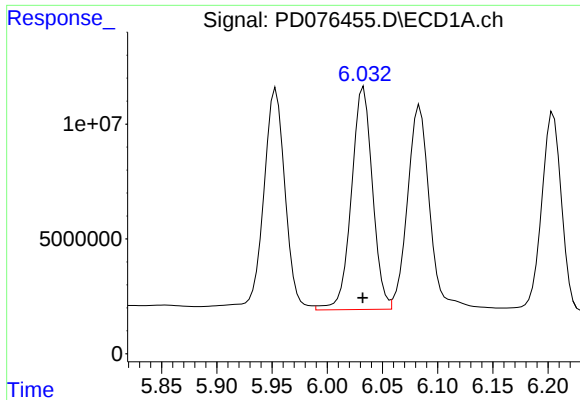
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 121846849
Conc: 25.06 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 59021312
Conc: 29.64 ng/ml



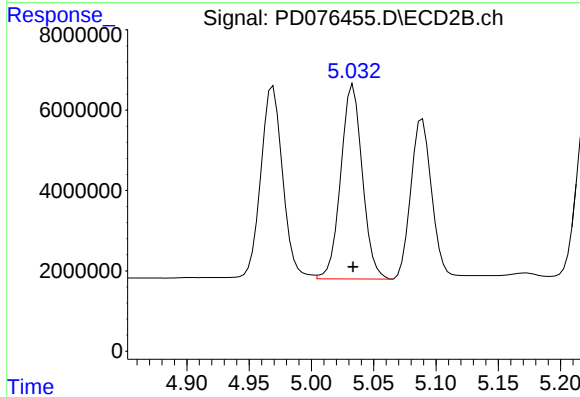
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 128816972
Conc: 26.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

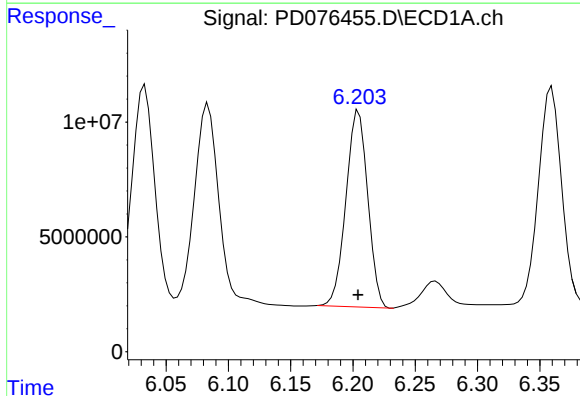
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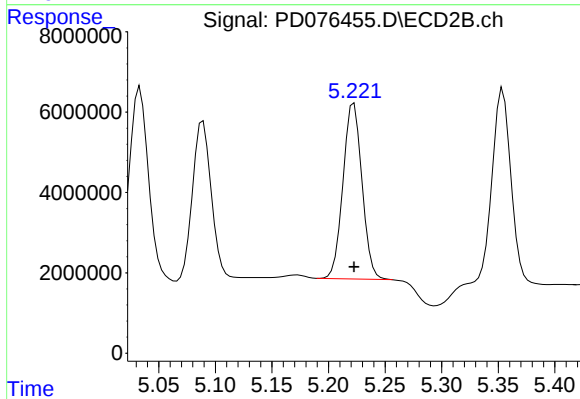
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 58515754
Conc: 29.45 ng/ml



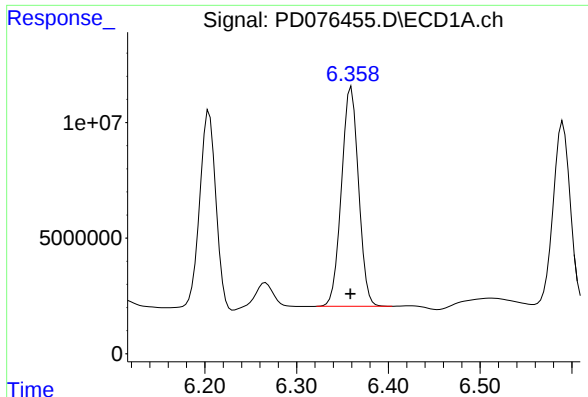
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 104903644
Conc: 24.71 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 51044595
Conc: 33.21 ng/ml m



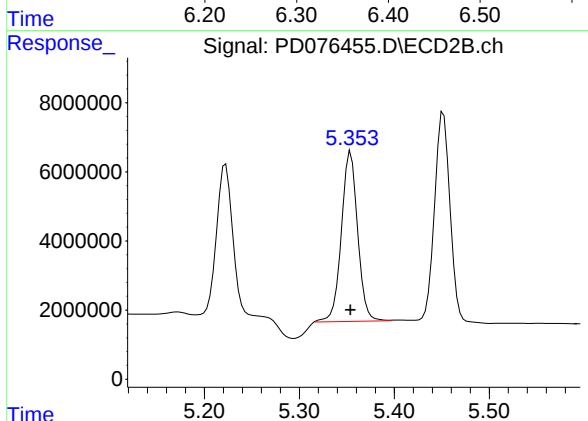
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.001 min
Response: 122462996
Conc: 26.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

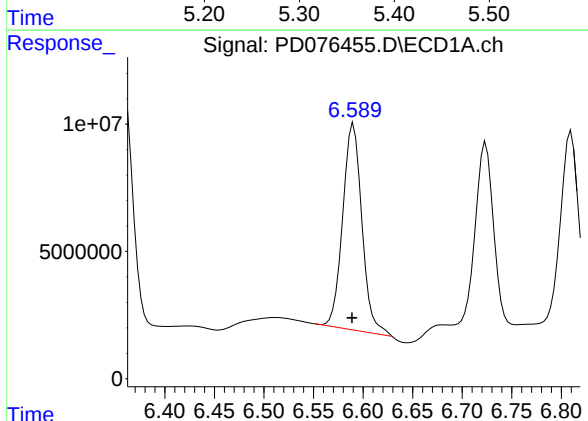
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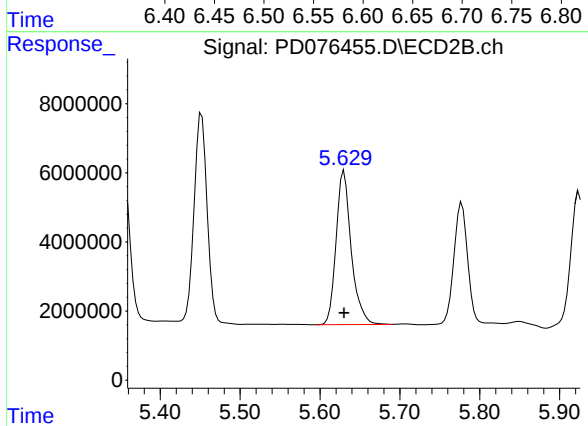
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 58633370
Conc: 29.77 ng/ml



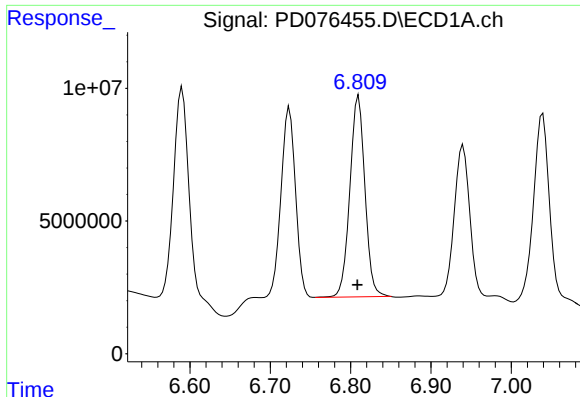
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 108811393
Conc: 27.33 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 58625226
Conc: 33.21 ng/ml



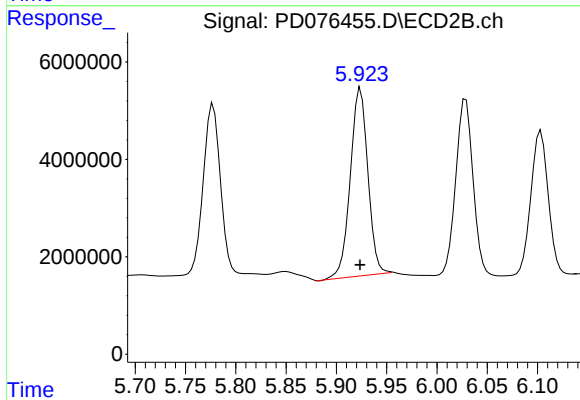
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.002 min
Response: 98516037
Conc: 26.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

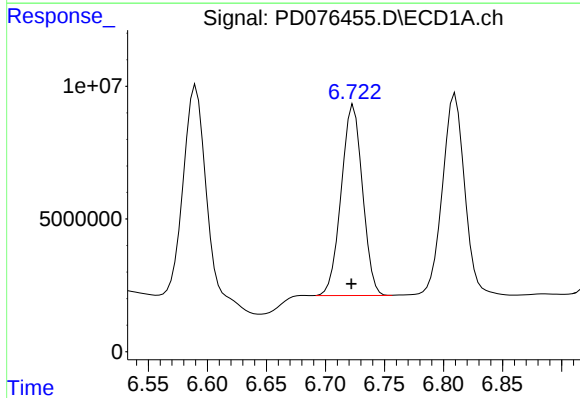
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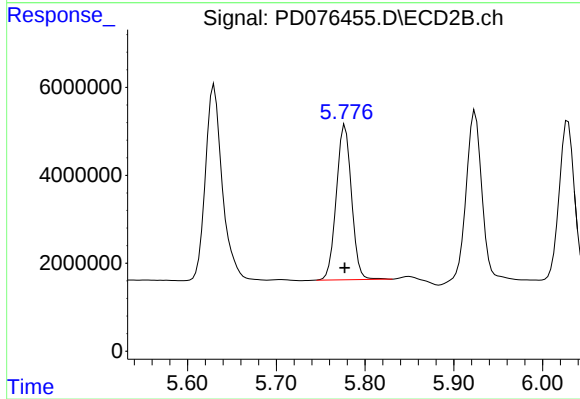
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 46891293
Conc: 30.22 ng/ml m



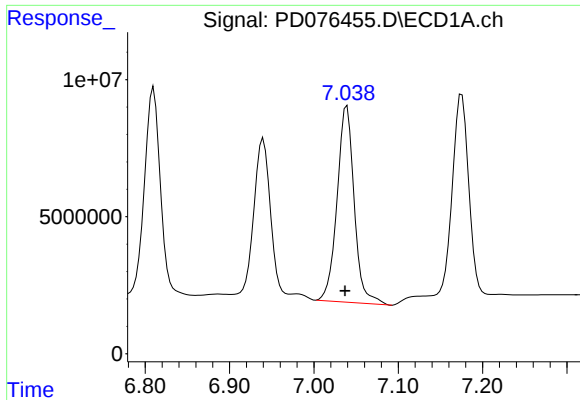
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 90099623
Conc: 26.82 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 41872398
Conc: 34.65 ng/ml



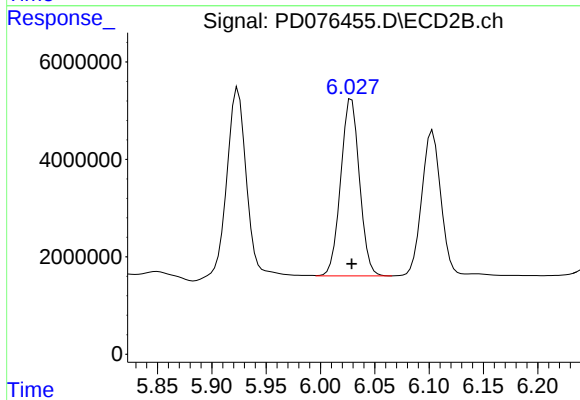
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 101328903
Conc: 28.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

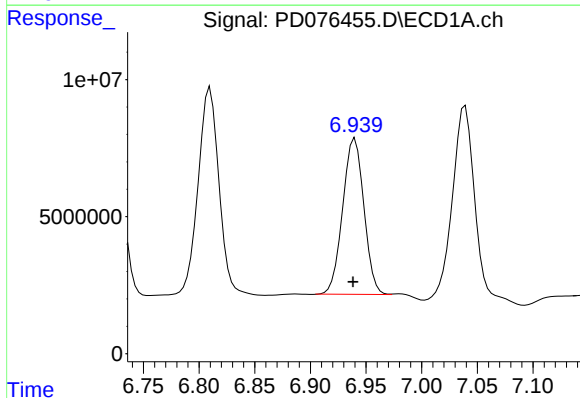
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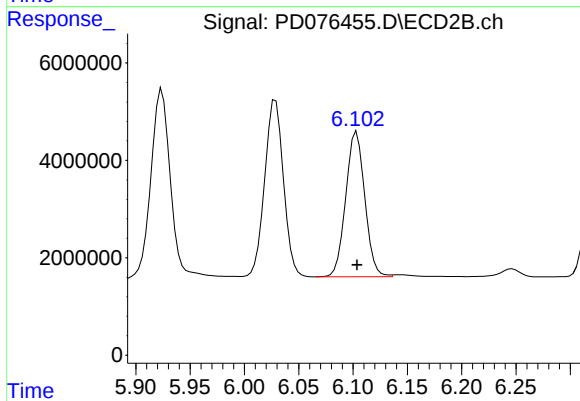
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 43771749
Conc: 36.17 ng/ml



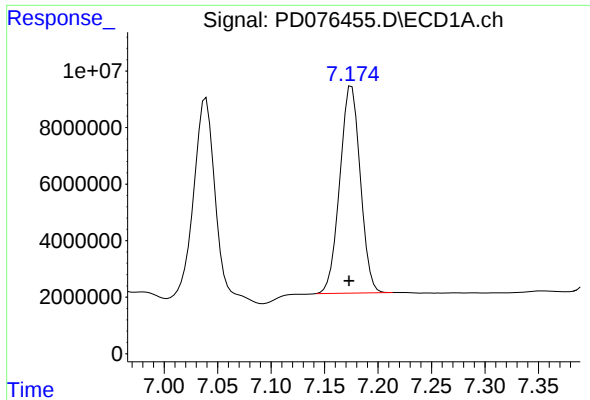
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 75506884
Conc: 27.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 36437586
Conc: 31.88 ng/ml



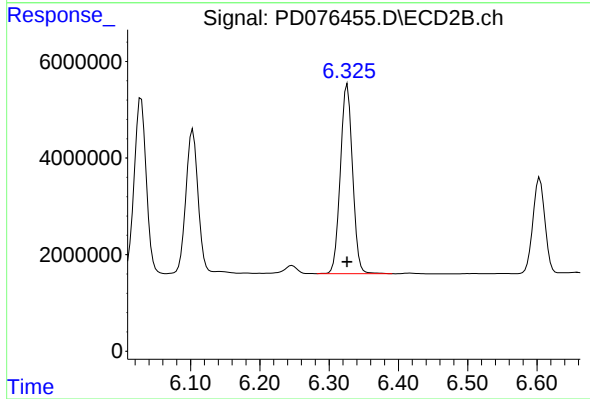
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 97828914
Conc: 26.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

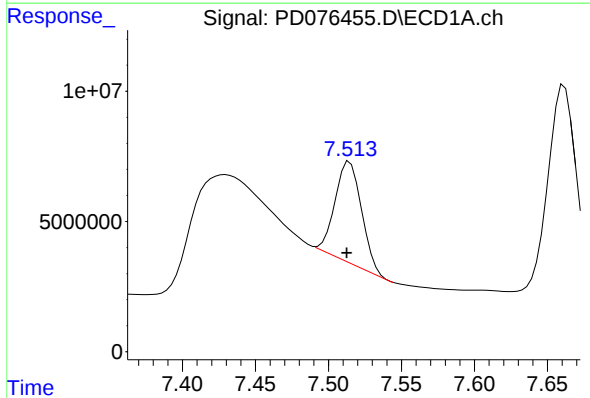
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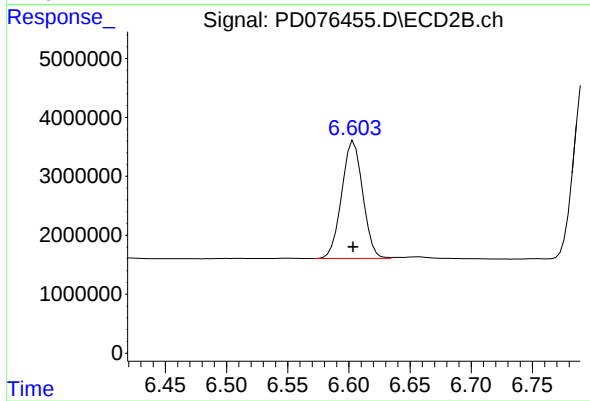
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 47842815
Conc: 31.49 ng/ml



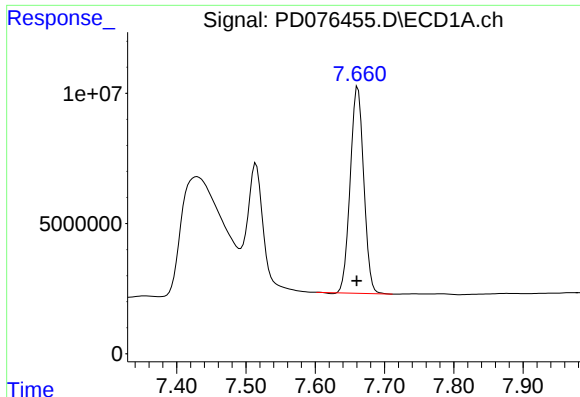
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 48610460
Conc: 25.43 ng/ml m



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 23841366
Conc: 37.33 ng/ml



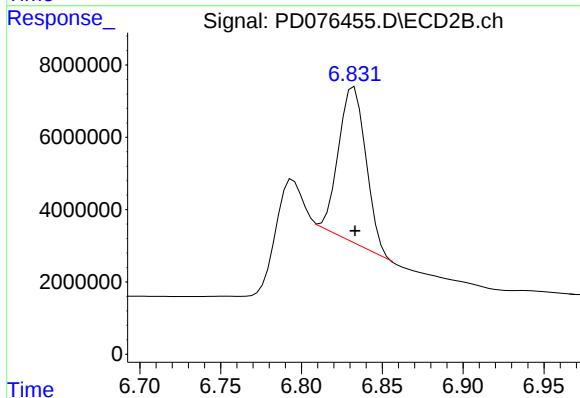
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 107412752
Conc: 25.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

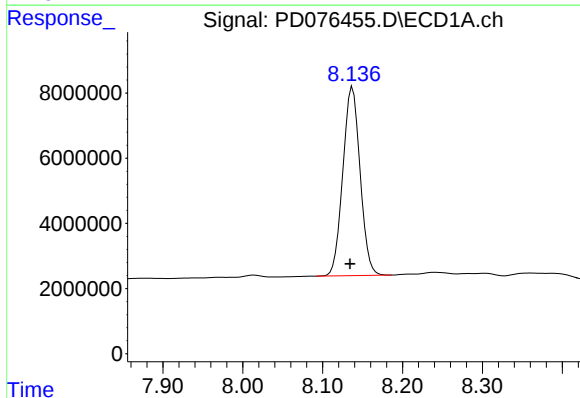
Manual Integrations
APPROVED

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



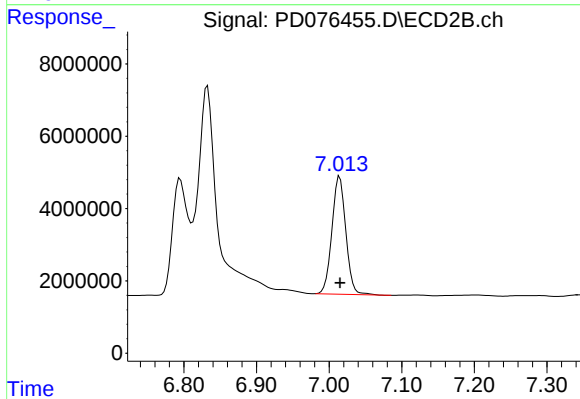
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 50364282
Conc: 28.81 ng/ml m



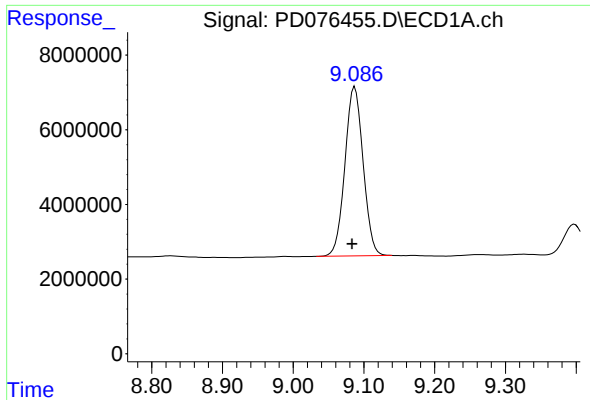
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.003 min
Response: 86997030
Conc: 27.53 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 43198941
Conc: 29.14 ng/ml



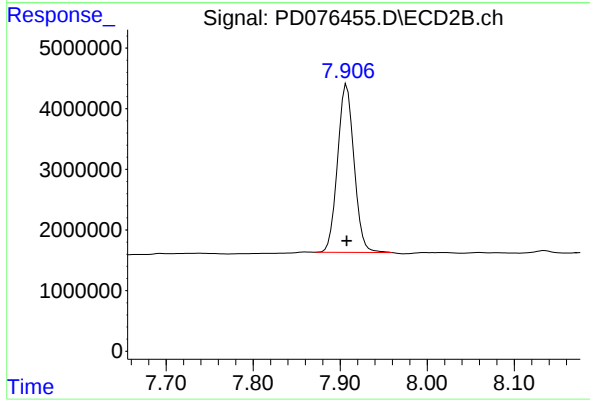
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.004 min
Response: 81014487
Conc: 22.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 36545638
Conc: 29.04 ng/ml