

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 06:08
 Operator : AR\AJ
 Sample : 03555-05MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-369MS

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 06:29:06 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...	3.543	2.762	33631754	19610906	10.265m	12.345m
2)	SA Decachlor...	9.077	7.907	74571074	19159832	20.973	15.224 #
Target Compounds							
2)	A alpha-BHC	4.001	3.266	184.9E6	82605443	31.927	34.284
3)	MA gamma-BHC...	4.333	3.596	174.5E6	93918866	33.337m	42.186 #
4)	MA Heptachlor	4.926	3.935	171.0E6	80834320	31.085	35.587
5)	MB Aldrin	5.268	4.216	164.7E6	74432273	30.797	33.584
6)	B beta-BHC	4.531	3.893	62165910	33967890	29.659	38.196 #
7)	B delta-BHC	4.780	4.122	160.0E6	77147228	31.127	36.691
8)	B Heptachlo...	5.696	4.718	151.0E6	67590901	31.343	33.808
9)	A Endosulfan I	6.082	5.089	138.0E6	43686074	30.933	23.328
10)	B gamma-Chl...	5.951	4.969	148.3E6	71965249	30.489m	36.142
11)	B alpha-Chl...	6.032	5.033	153.0E6	68229274	31.854	34.335
12)	B 4,4'-DDE	6.204	5.222	112.7E6	63073704	26.541	41.035 #
13)	MA Dieldrin	6.359	5.354	138.5E6	83303370	29.616	42.293 #
14)	MA Endrin	6.590	5.629	117.1E6	61121116	29.409	34.628
15)	B Endosulfa...	6.809	5.922	119.3E6	61353841	32.128	39.540m
16)	A 4,4'-DDD	6.722	5.776	127.3E6	45377576	37.897	37.546
17)	MA 4,4'-DDT	7.037	6.027	138.7E6	57023589	39.456	47.116
18)	B Endrin al...	6.938	6.103	92900011	43180463	33.894m	37.784
19)	B Endosulfa...	7.173	6.326	118.7E6	63186876	32.136	41.586 #
20)	A Methoxychlor	7.514	6.602	54594559	24377655	28.565	38.173m#
21)	B Endrin ke...	7.660	6.832	115.5E6	54317157	27.664	31.076
22)	Mirex	8.134	7.013	81196521	41373402	25.697m	27.912m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 06:08
Operator : AR\AJ
Sample : 03555-05MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

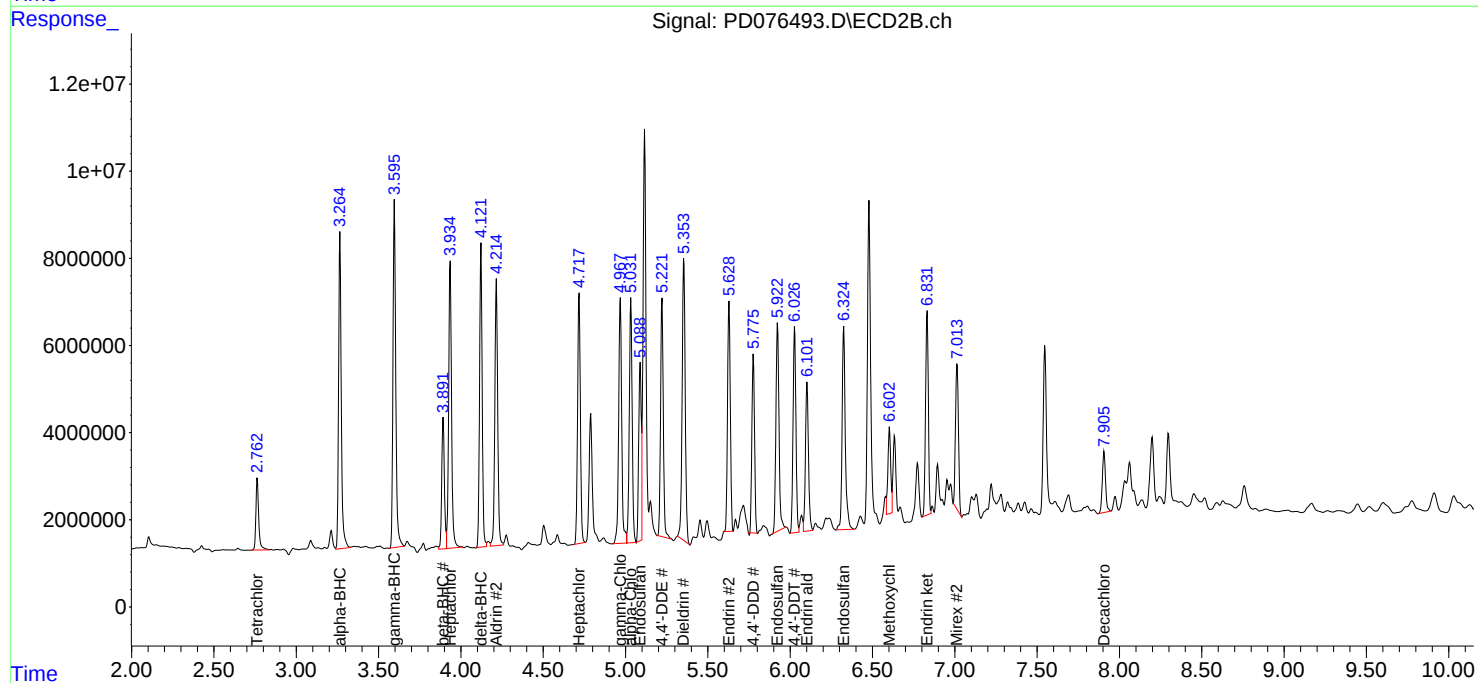
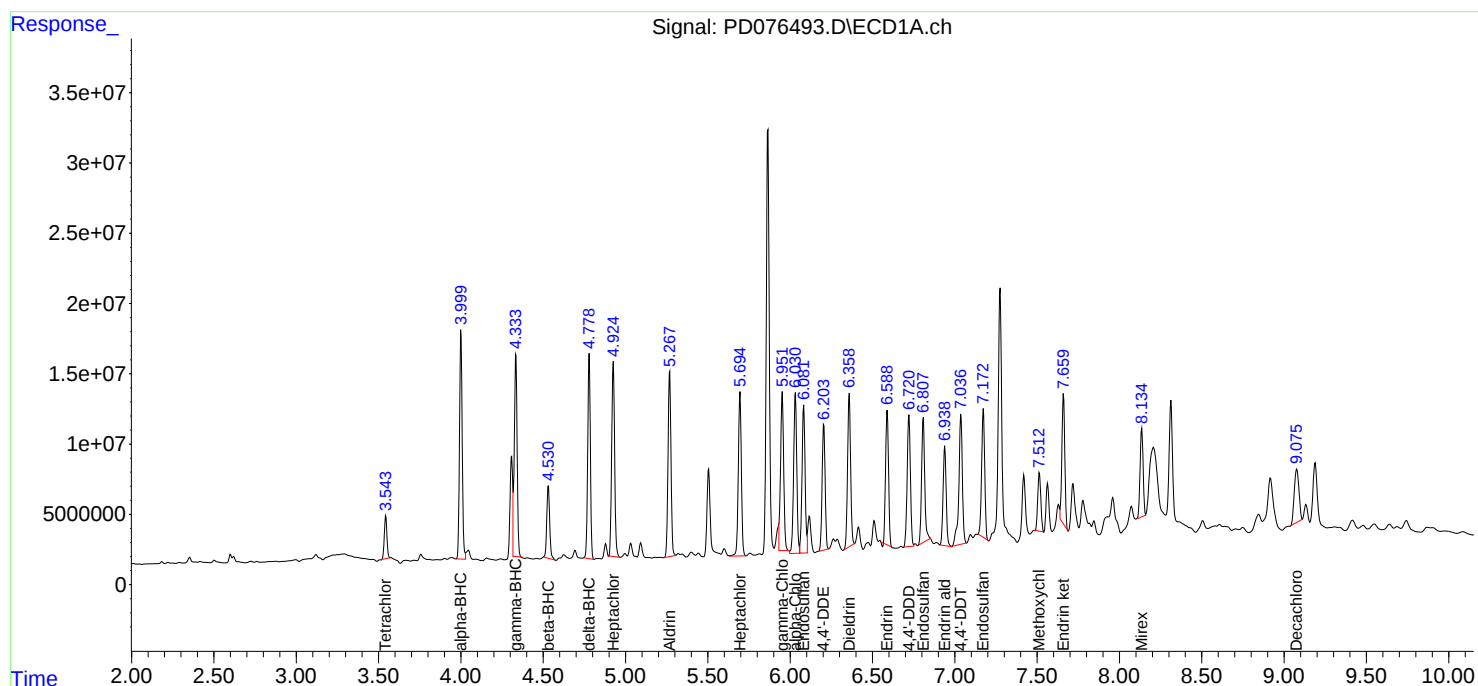
Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

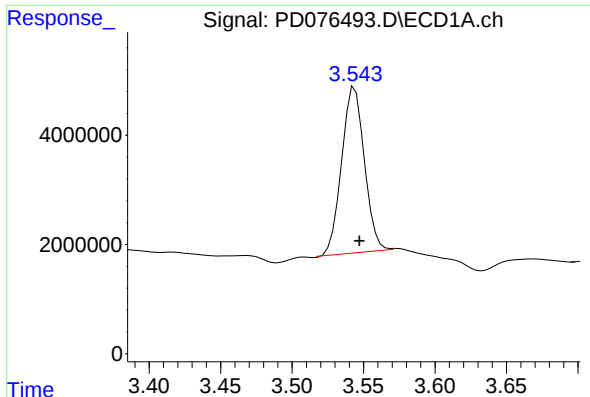
Manual Integrations
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Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 06:29:06 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





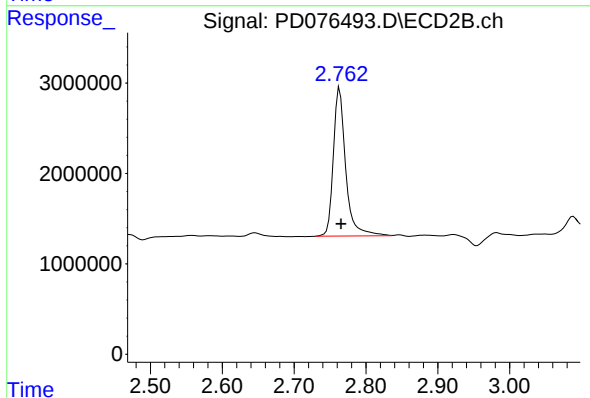
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.004 min
Response: 33631754
Conc: 10.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

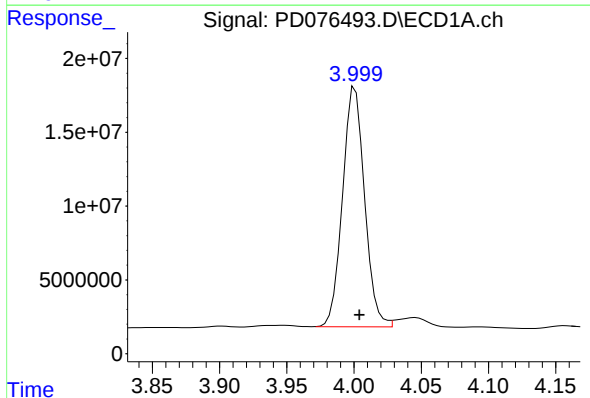
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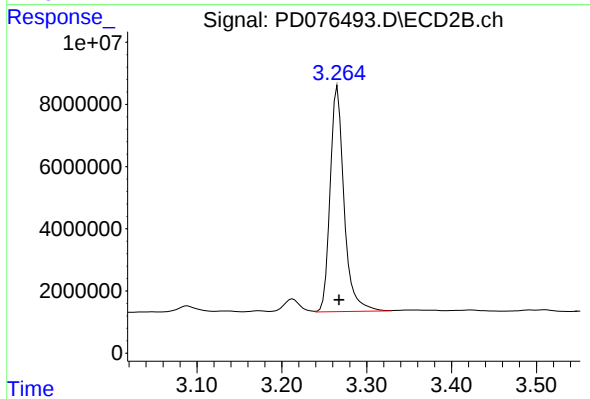
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.003 min
Response: 19610906
Conc: 12.35 ng/ml m



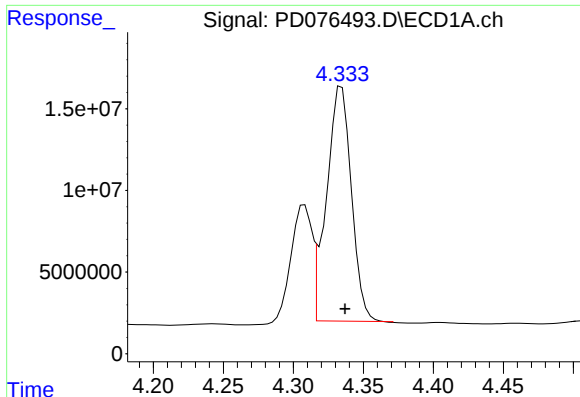
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.003 min
Response: 184922899
Conc: 31.93 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 82605443
Conc: 34.28 ng/ml



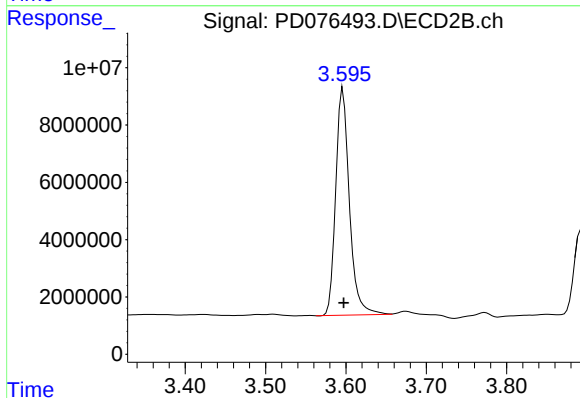
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 174533662
Conc: 33.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

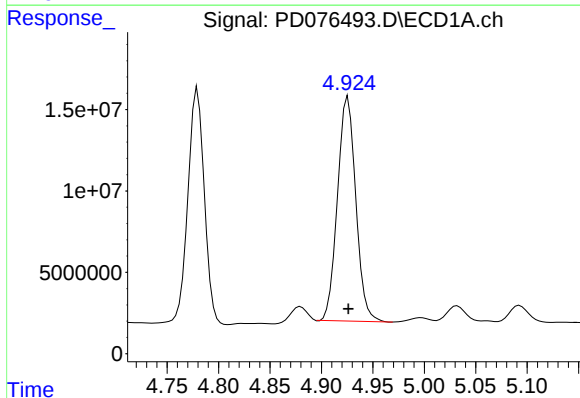
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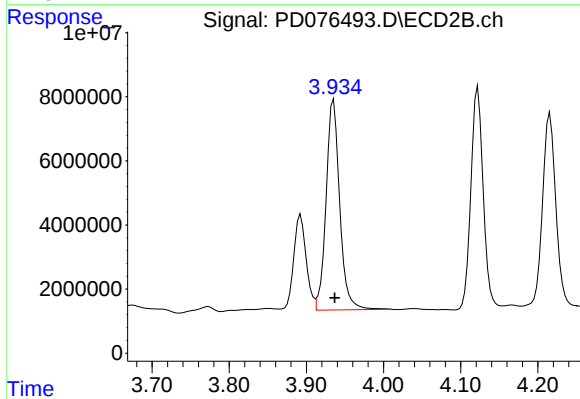
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 93918866
Conc: 42.19 ng/ml



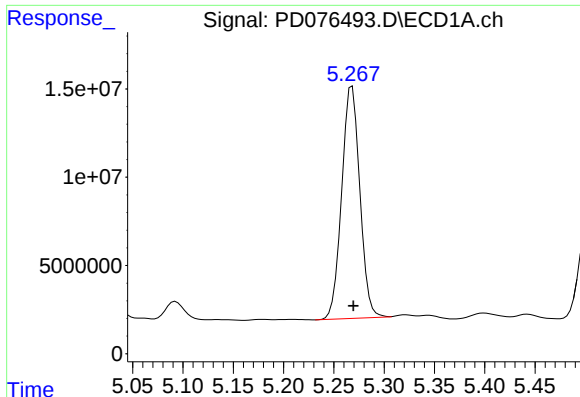
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 170970649
Conc: 31.09 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 80834320
Conc: 35.59 ng/ml



#5 Aldrin

R.T.: 5.268 min
Delta R.T.: -0.001 min
Response: 164652072
Conc: 30.80 ng/ml

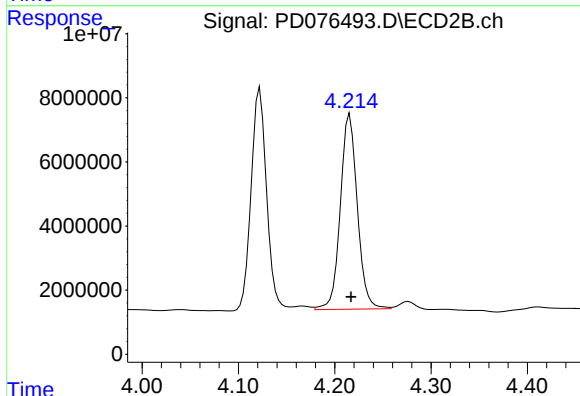
Instrument :

ECD_D

ClientSampleId :
ETGI-369MS

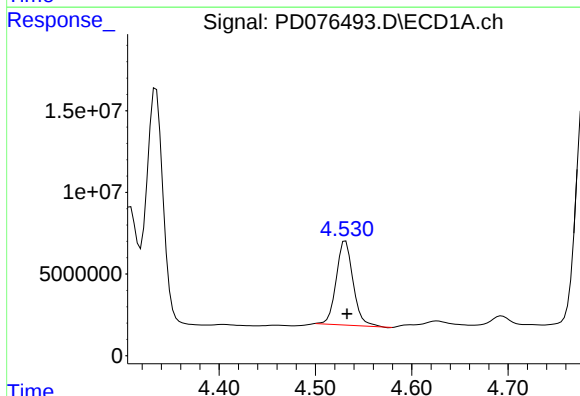
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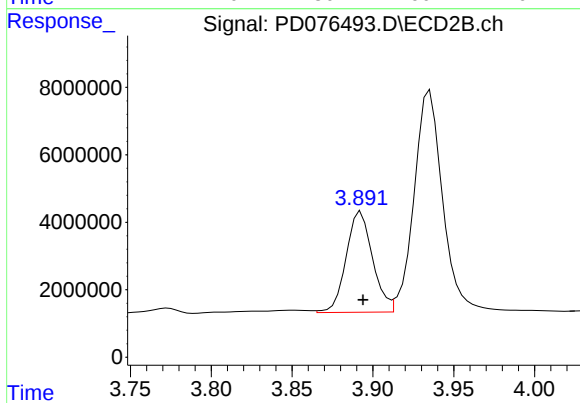
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 74432273
Conc: 33.58 ng/ml



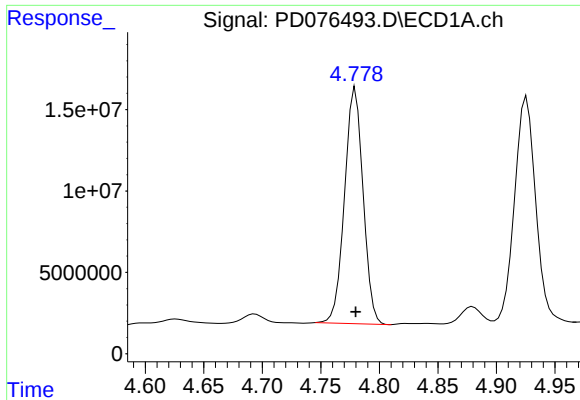
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 62165910
Conc: 29.66 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: -0.001 min
Response: 33967890
Conc: 38.20 ng/ml



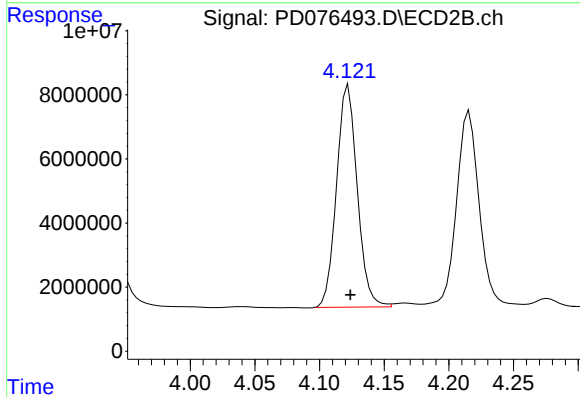
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 159983676
Conc: 31.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

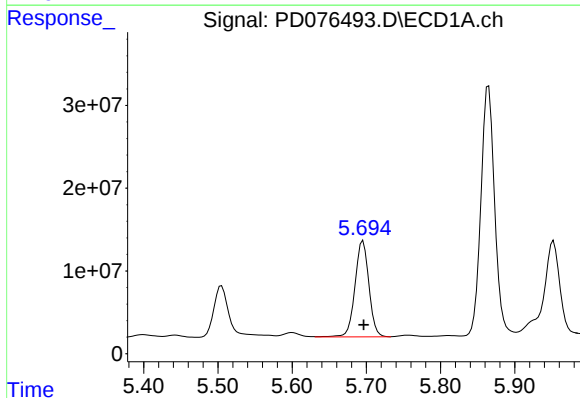
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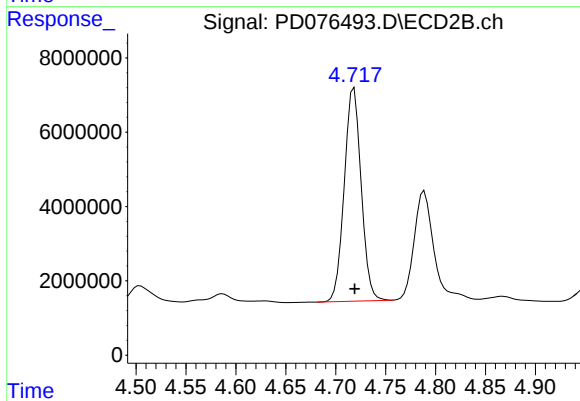
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 77147228
Conc: 36.69 ng/ml



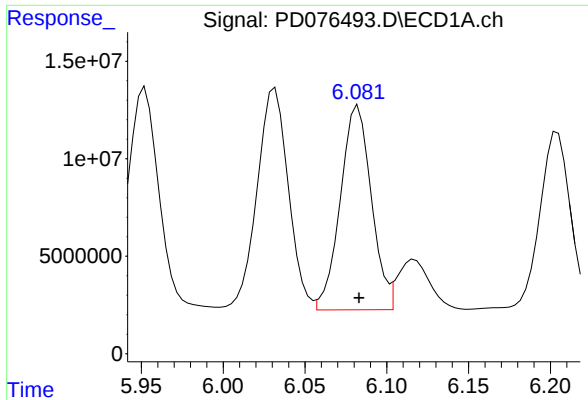
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 151020878
Conc: 31.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 67590901
Conc: 33.81 ng/ml



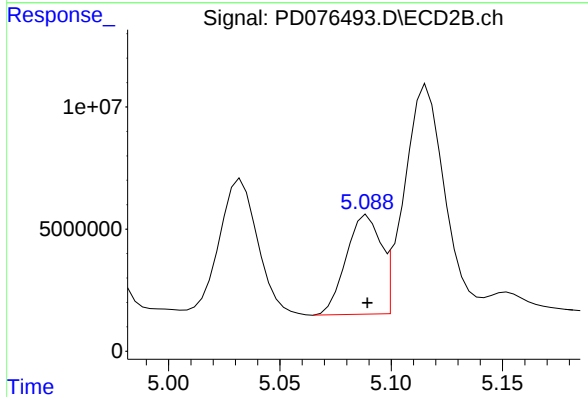
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 137992723
Conc: 30.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

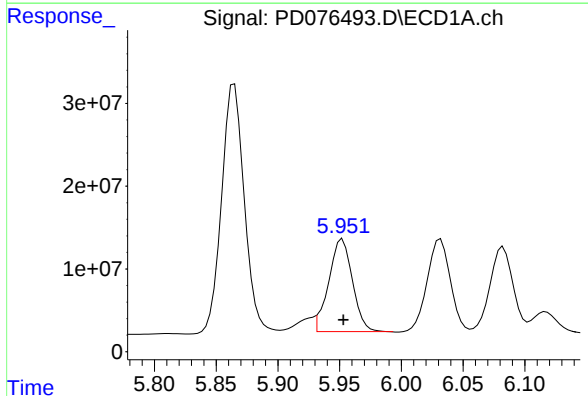
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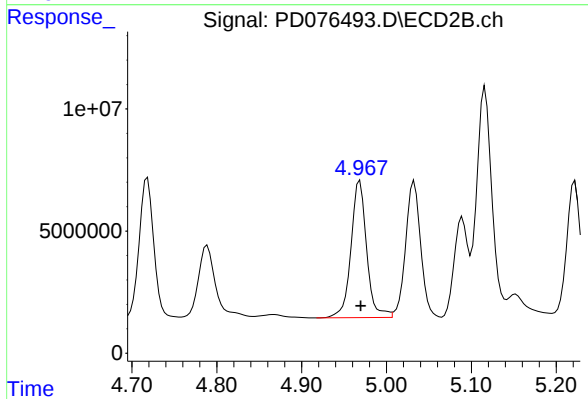
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 43686074
Conc: 23.33 ng/ml



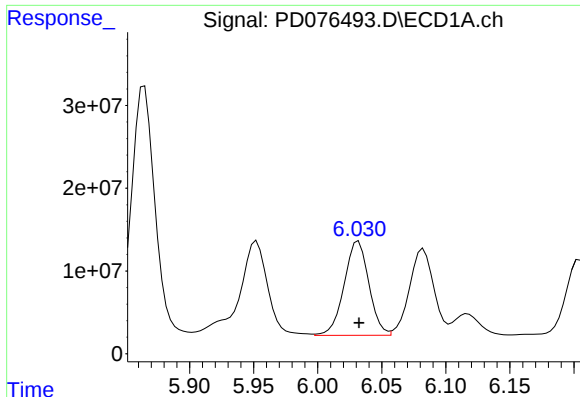
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 148269008
Conc: 30.49 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 71965249
Conc: 36.14 ng/ml



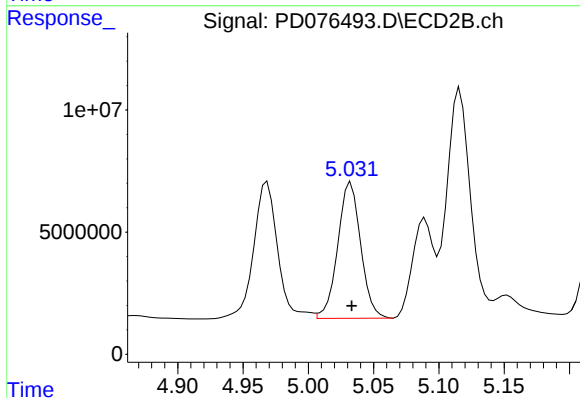
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 153035445
Conc: 31.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

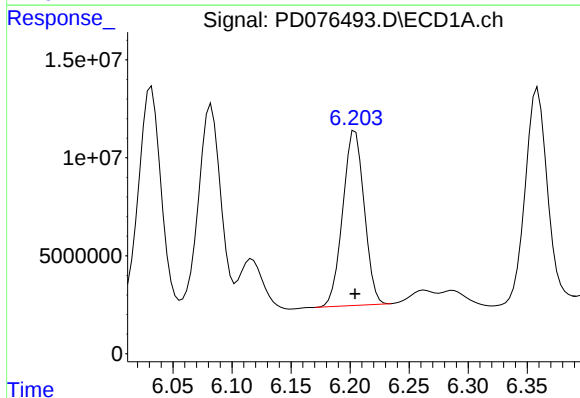
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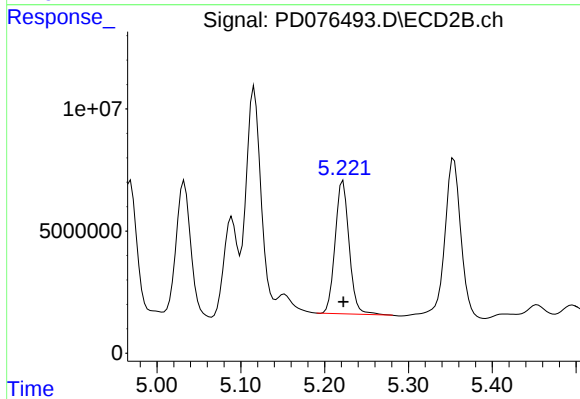
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 68229274
Conc: 34.33 ng/ml



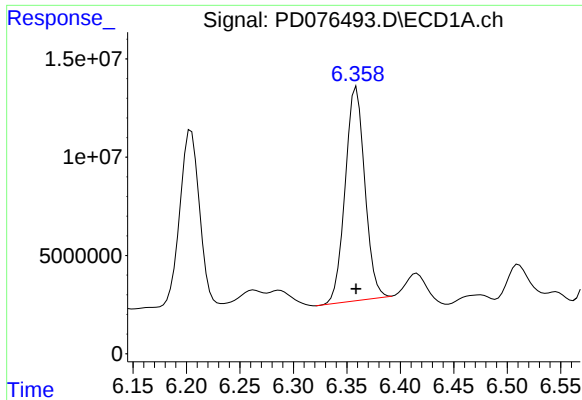
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 112662115
Conc: 26.54 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 63073704
Conc: 41.04 ng/ml



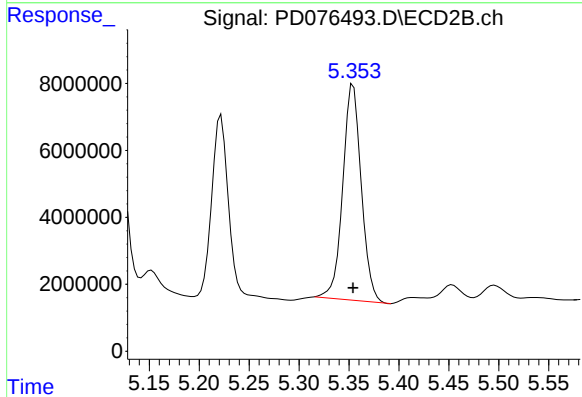
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 138546150
Conc: 29.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

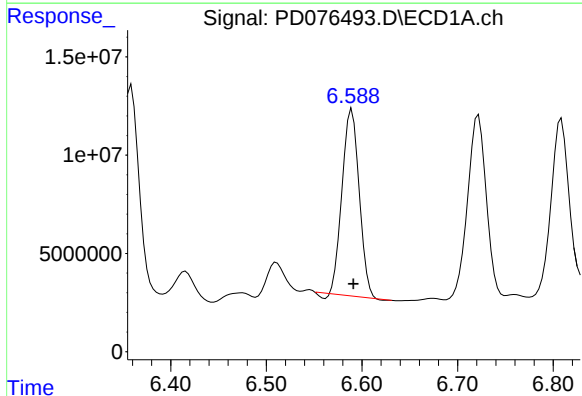
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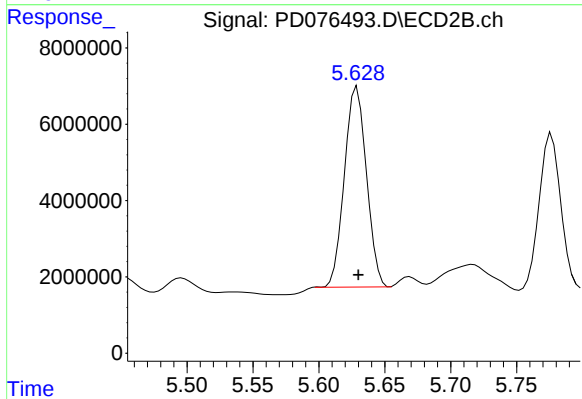
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 83303370
Conc: 42.29 ng/ml



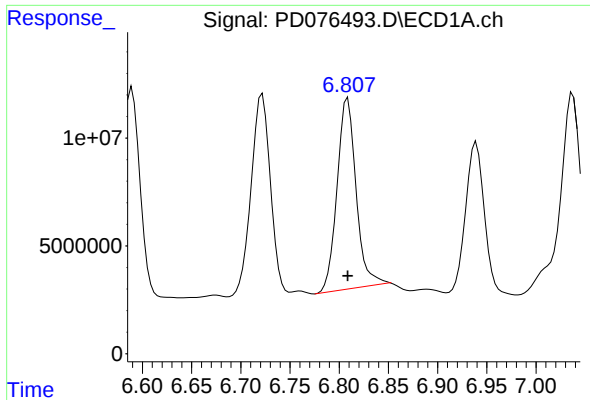
#14 Endrin

R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 117086766
Conc: 29.41 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 61121116
Conc: 34.63 ng/ml



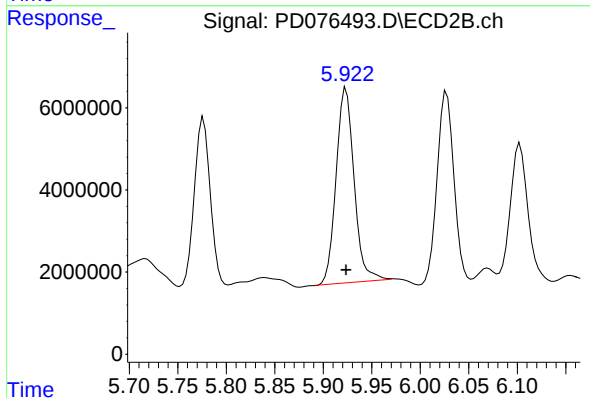
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 119308417
Conc: 32.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

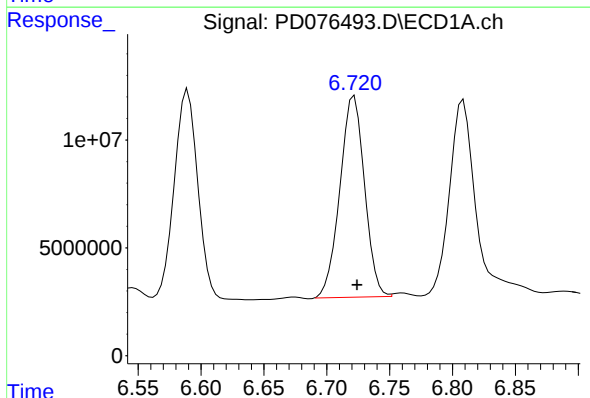
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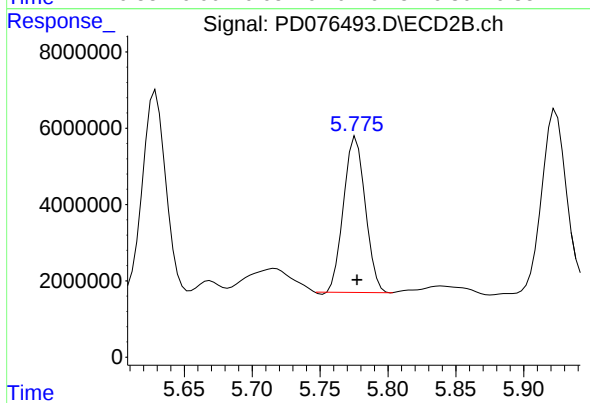
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 61353841
Conc: 39.54 ng/ml m



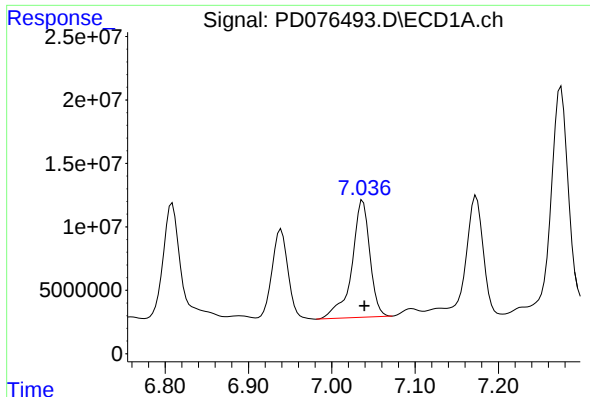
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 127320827
Conc: 37.90 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 45377576
Conc: 37.55 ng/ml



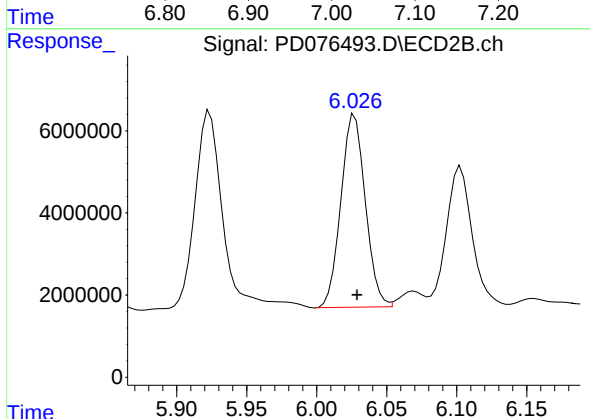
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 138728206
Conc: 39.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

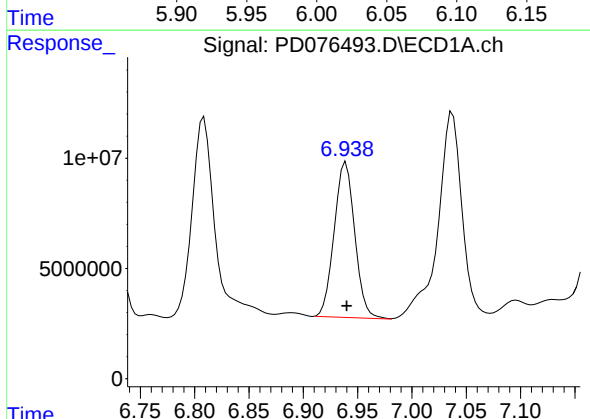
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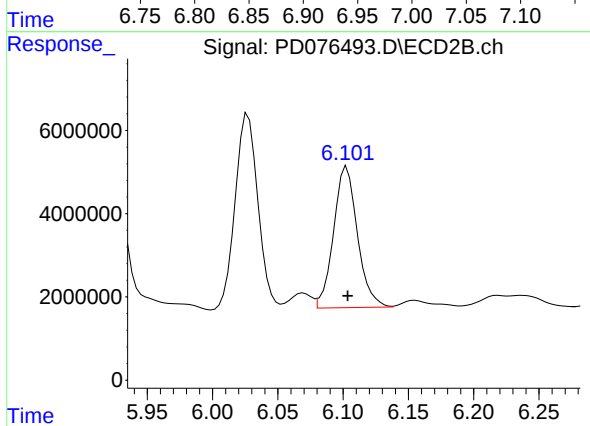
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 57023589
Conc: 47.12 ng/ml



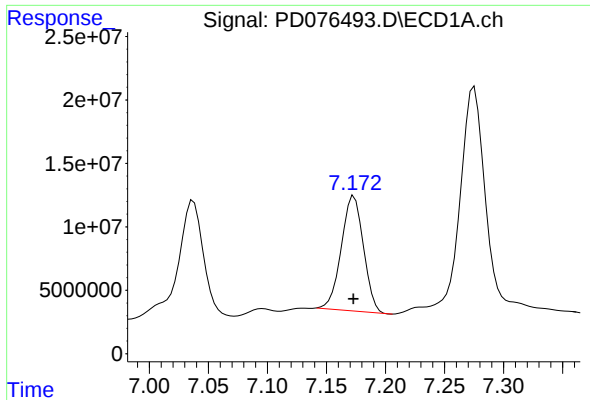
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 92900011
Conc: 33.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 43180463
Conc: 37.78 ng/ml



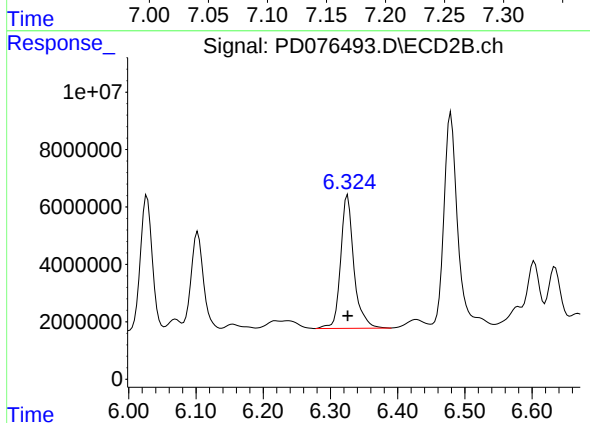
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 118736404
Conc: 32.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

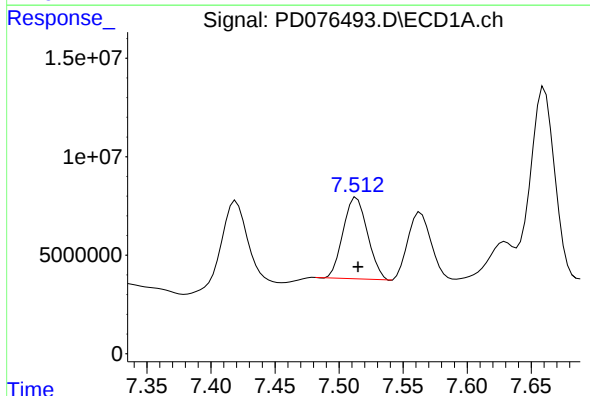
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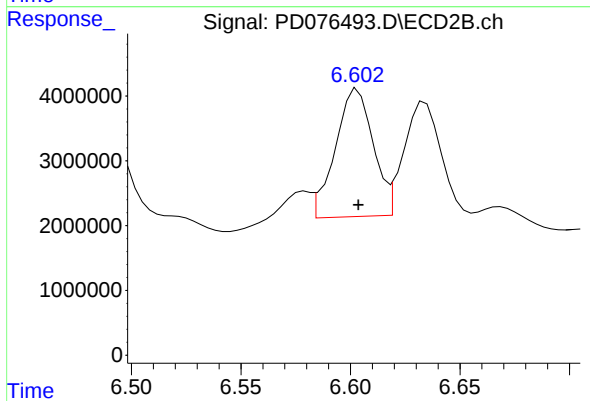
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 63186876
Conc: 41.59 ng/ml



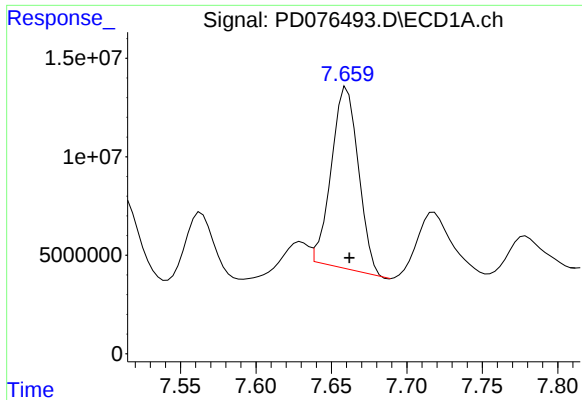
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 54594559
Conc: 28.56 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 24377655
Conc: 38.17 ng/ml m



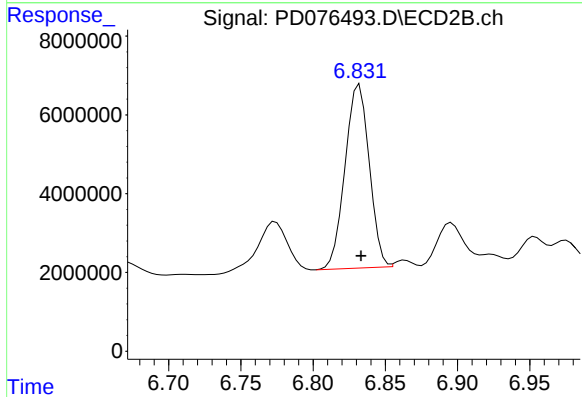
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 115487891
Conc: 27.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

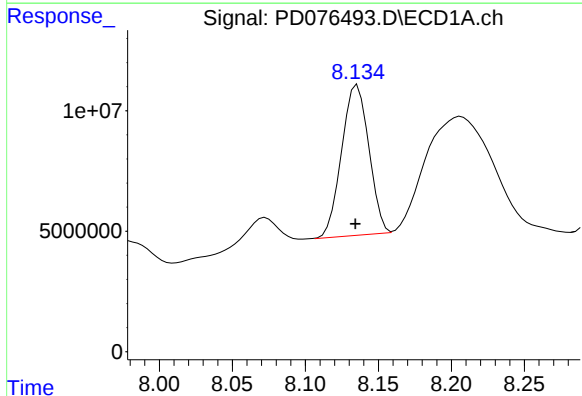
Manual Integrations
APPROVED

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



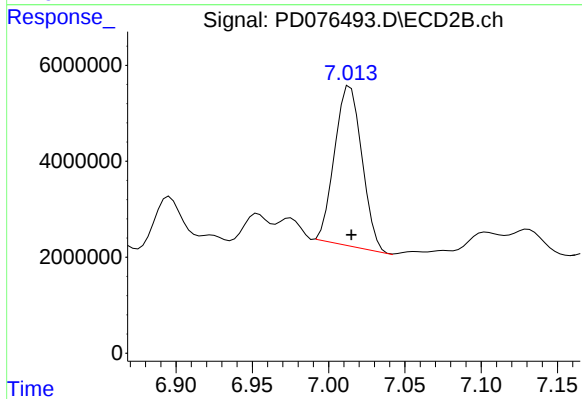
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 54317157
Conc: 31.08 ng/ml



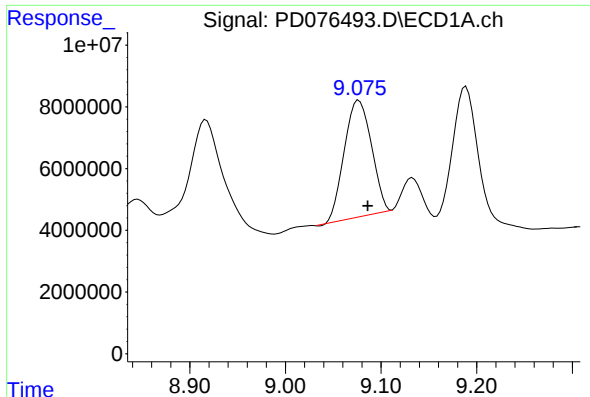
#22 Mirex

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 81196521
Conc: 25.70 ng/ml m



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 41373402
Conc: 27.91 ng/ml m



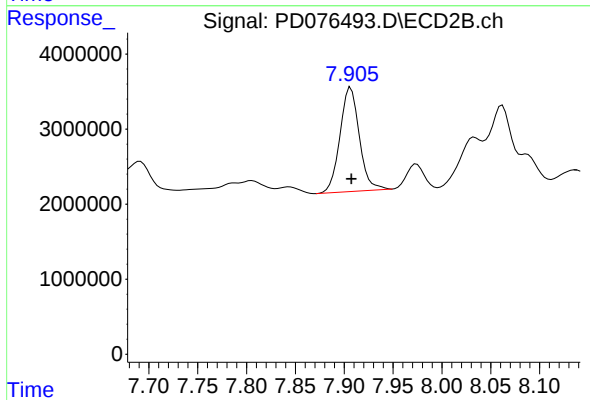
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: -0.009 min
Response: 74571074
Conc: 20.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/11/2023



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 19159832
Conc: 15.22 ng/ml