

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2023 09:51
 Operator : AR\AJ
 Sample : 03336-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/26/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 22:36:27 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	2.766	42744536	20334163	20.067	18.742
28)	SA Decachlor...	9.085	7.911	41521269	16575947	16.390	16.952
Target Compounds							
2)	A alpha-BHC	4.002	3.269	209.1E6	93340257	56.632	58.347
3)	MA gamma-BHC...	4.336	3.599	191.9E6	86390017	57.024	58.632
4)	MA Heptachlor	4.927	3.939	197.8E6	87906461	55.162	57.877
5)	MB Aldrin	5.270	4.219	195.5E6	88242166	55.784	59.176
6)	B beta-BHC	4.532	3.896	78635195	37522586	54.694	58.867
7)	B delta-BHC	4.781	4.126	190.1E6	87481279	57.187	60.374
8)	B Heptachlo...	5.697	4.722	173.3E6	80033862	53.776	58.264
9)	A Endosulfan I	6.085	5.092	162.5E6	75328461	54.187	58.933
10)	B gamma-Chl...	5.954	4.972	177.2E6	81494498	55.000	59.393
11)	B alpha-Chl...	6.034	5.037	175.0E6	80446109	54.120	58.644
12)	B 4,4'-DDE	6.206	5.225	161.9E6	74689615	56.662	66.916
13)	MA Dieldrin	6.360	5.357	171.2E6	79896984	54.783	59.219
14)	MA Endrin	6.590	5.632	147.5E6	72779570	55.170	59.803
15)	B Endosulfa...	6.810	5.926	137.9E6	65875782	53.364	61.061
16)	A 4,4'-DDD	6.724	5.780	134.6E6	62740816	59.136	71.194
17)	MA 4,4'-DDT	7.039	6.031	129.0E6	57986371	56.825	71.386 #
18)	B Endrin al...	6.938	6.106	105.9E6	50818339	52.797m	58.716
19)	B Endosulfa...	7.174	6.329	138.6E6	64794826	55.006	59.961
20)	A Methoxychlor	7.514	6.607	69104339	31697542	53.387	68.484 #
21)	B Endrin ke...	7.662	6.835	151.4E6	70978371	54.347	58.421
22)	Mirex	8.136	7.017	109.9E6	55554785	51.290	52.999

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
Data File : PD076092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2023 09:51
Operator : AR\AJ
Sample : 03336-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

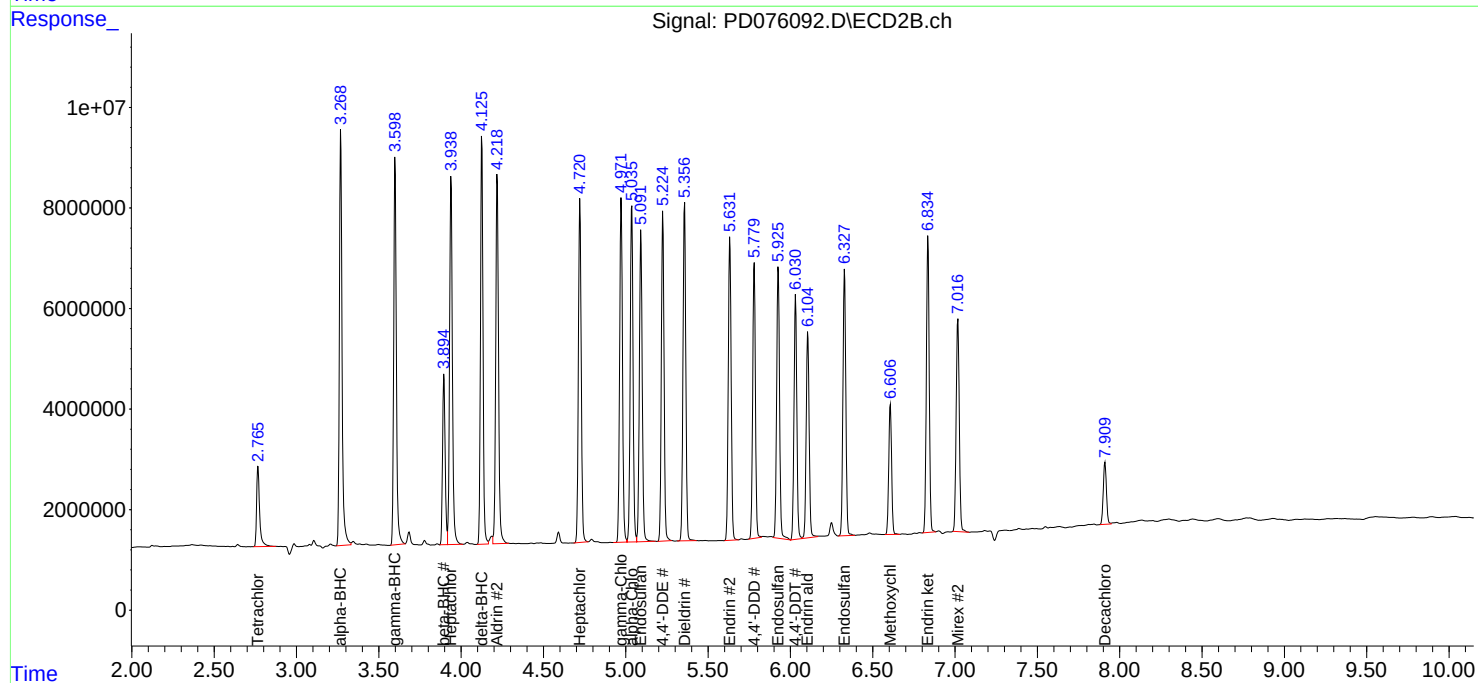
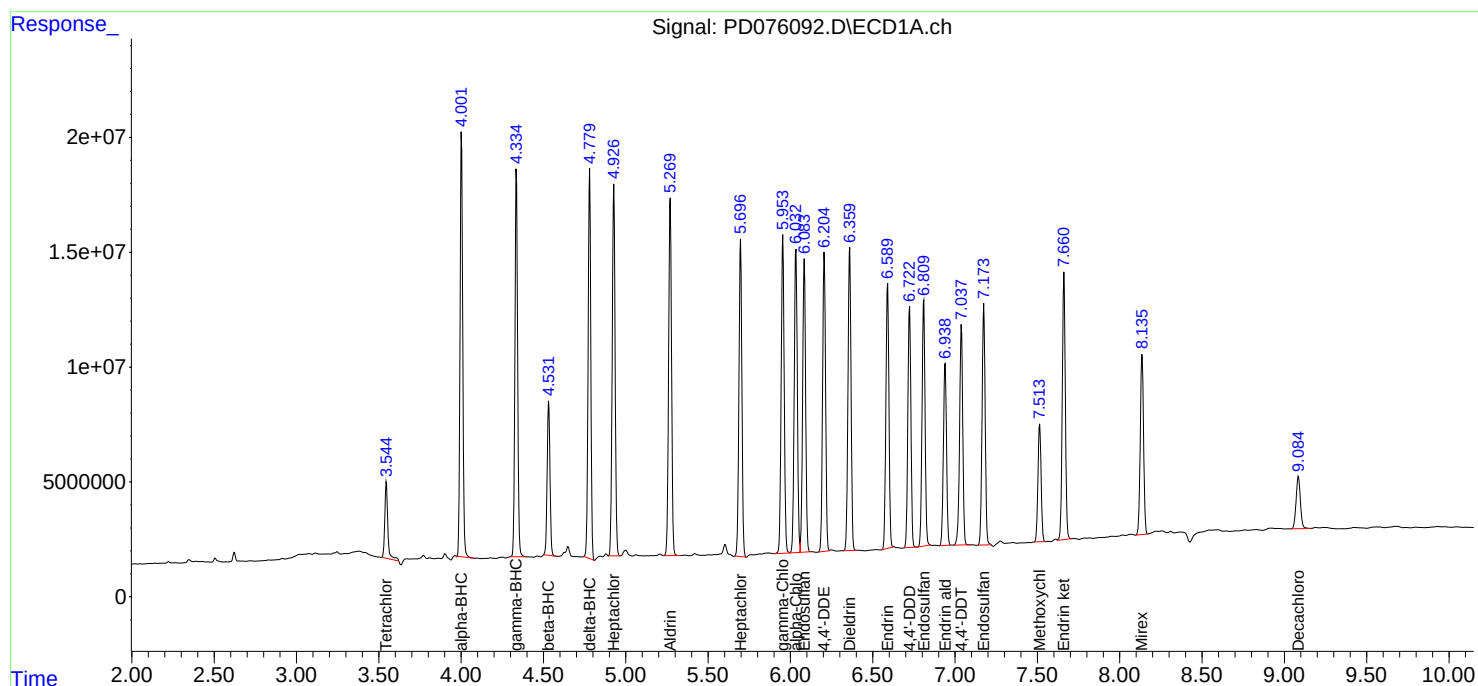
Instrument :
ECD_D
ClientSampleId :
WC-5MSD

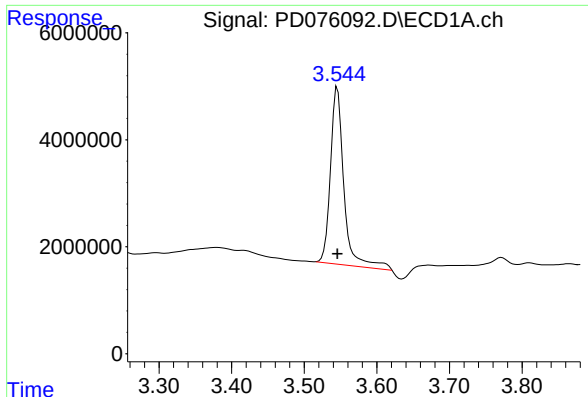
Manual Integrations
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Supervised By :Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 22:36:27 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





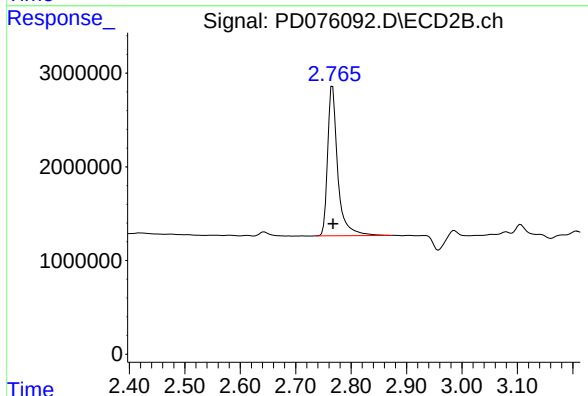
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42744536
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

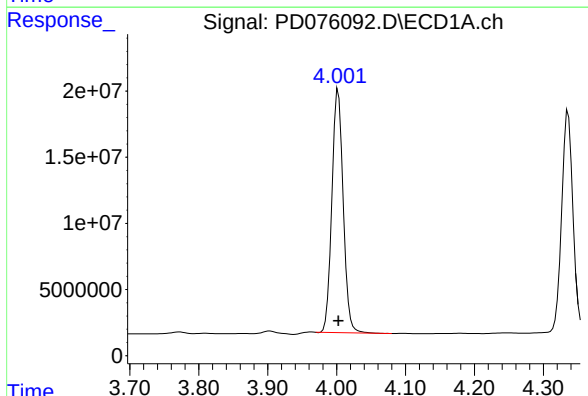
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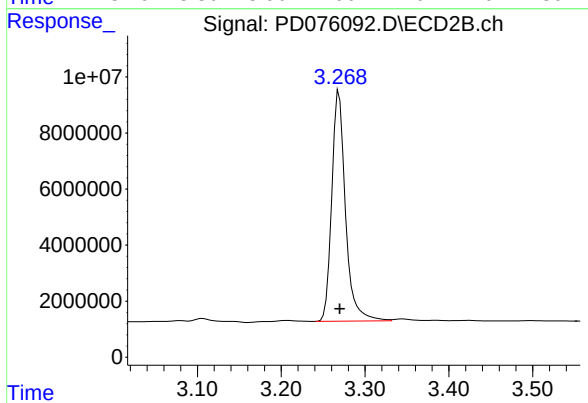
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 20334163
Conc: 18.74 ng/ml



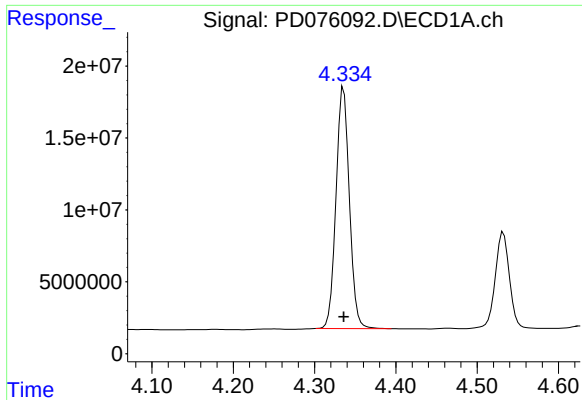
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 209090732
Conc: 56.63 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 93340257
Conc: 58.35 ng/ml



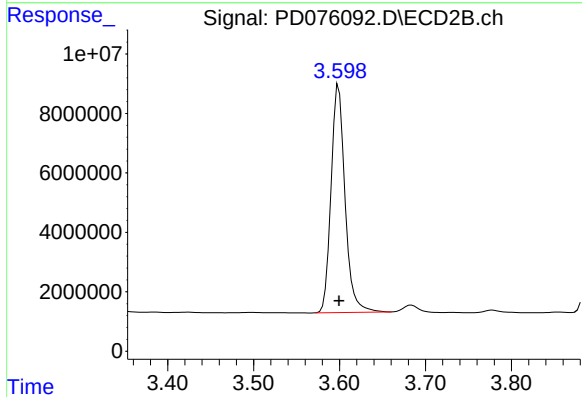
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 191881758
Conc: 57.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

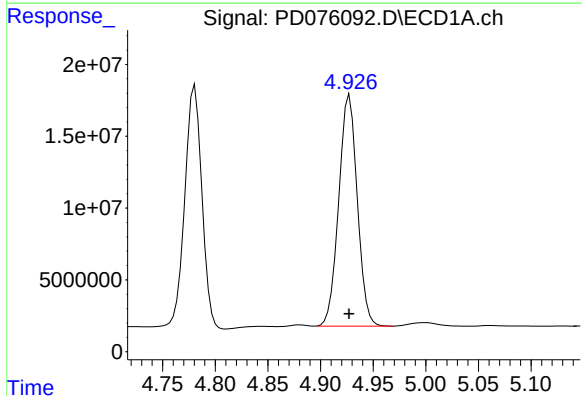
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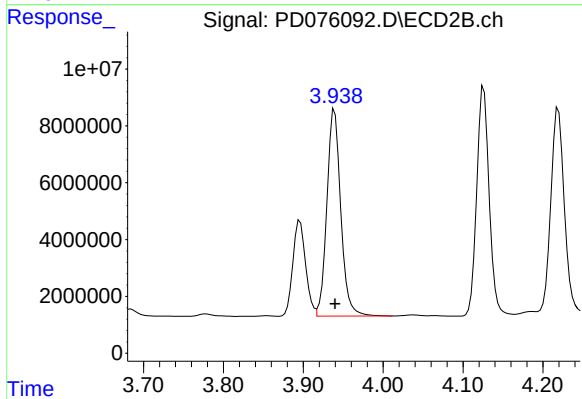
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 86390017
Conc: 58.63 ng/ml



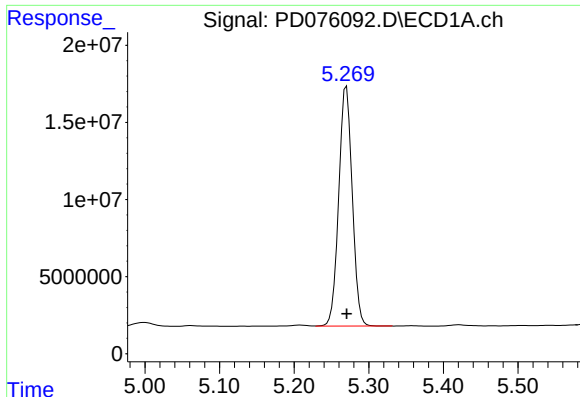
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 197845769
Conc: 55.16 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 87906461
Conc: 57.88 ng/ml



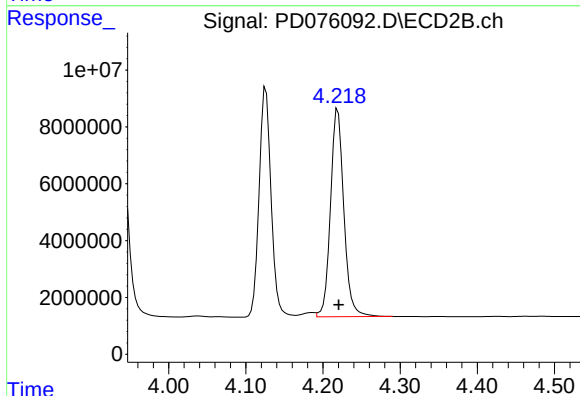
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 195479681
Conc: 55.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

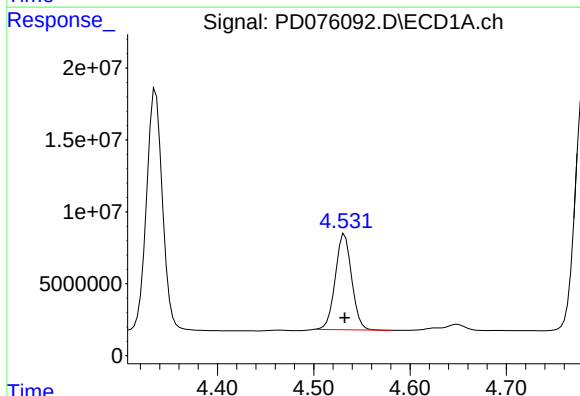
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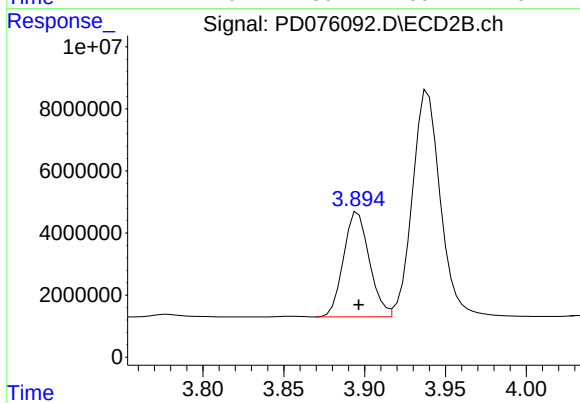
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 88242166
Conc: 59.18 ng/ml



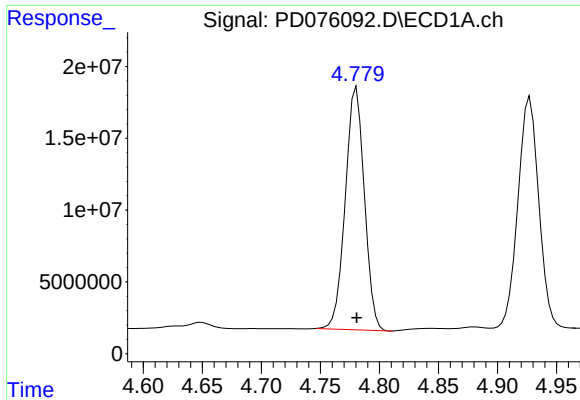
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 78635195
Conc: 54.69 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 37522586
Conc: 58.87 ng/ml



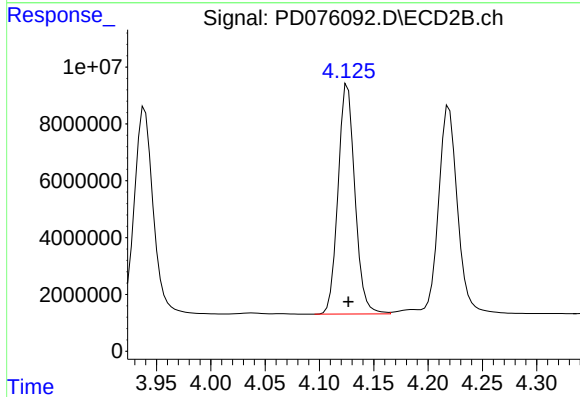
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 190069723
Conc: 57.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

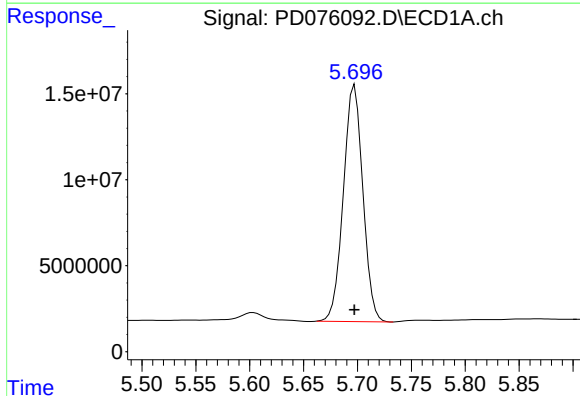
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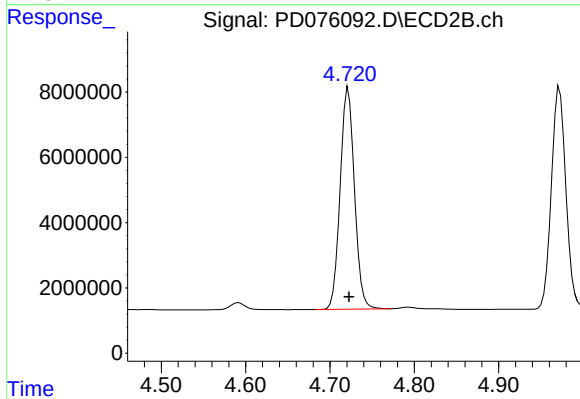
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 87481279
Conc: 60.37 ng/ml



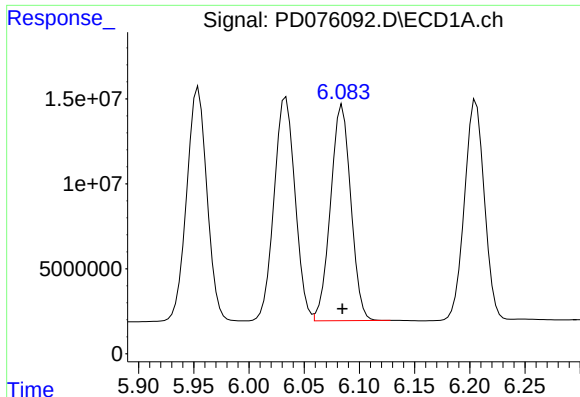
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 173280672
Conc: 53.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 80033862
Conc: 58.26 ng/ml



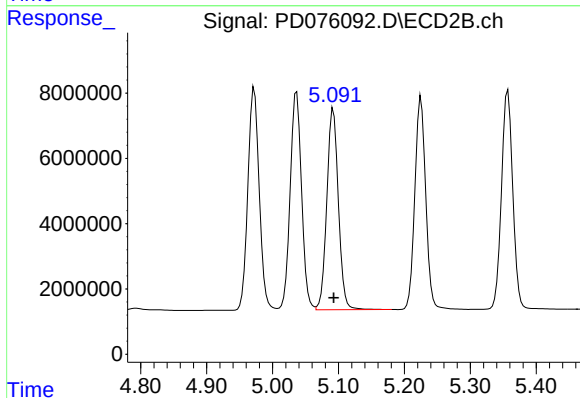
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 162532066
Conc: 54.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

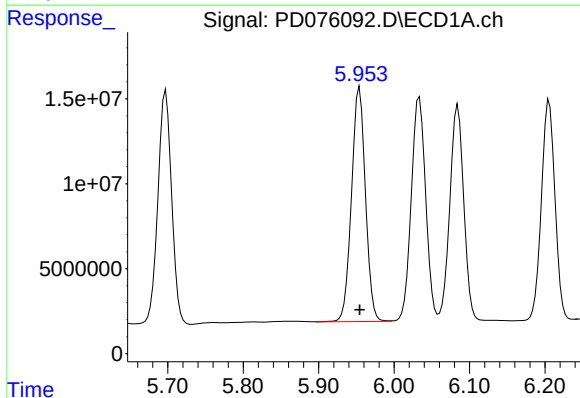
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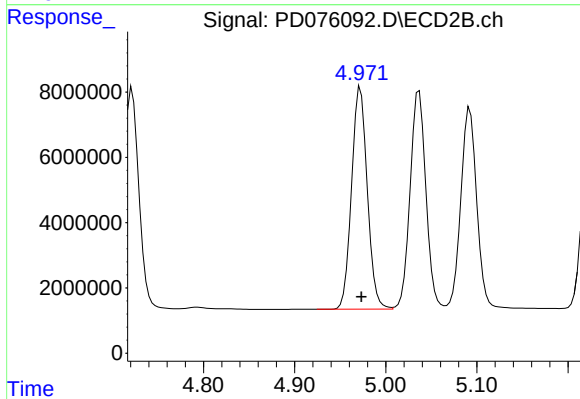
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 75328461
Conc: 58.93 ng/ml



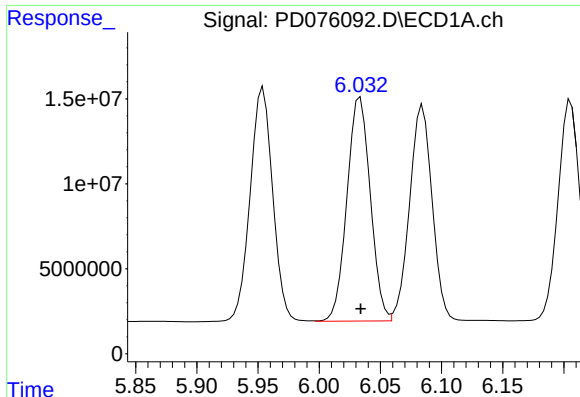
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 177172262
Conc: 55.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 81494498
Conc: 59.39 ng/ml



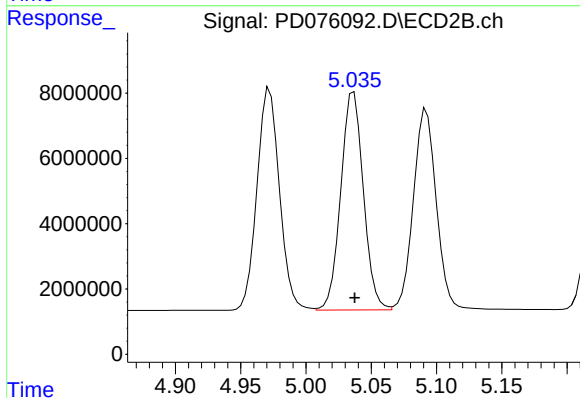
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 174964620
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

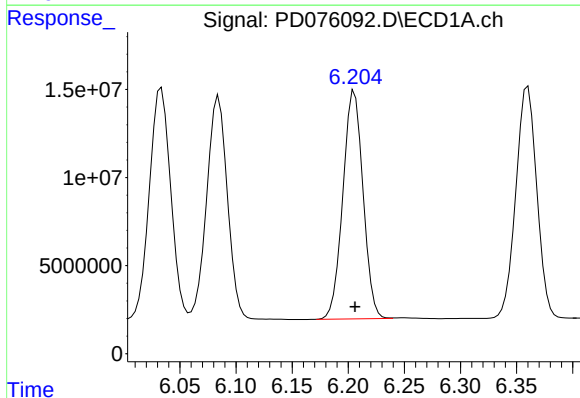
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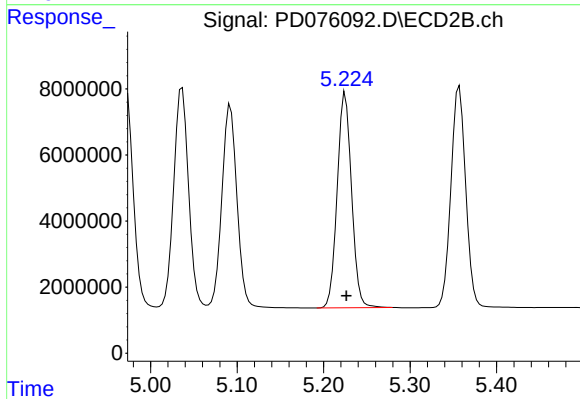
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 80446109
Conc: 58.64 ng/ml



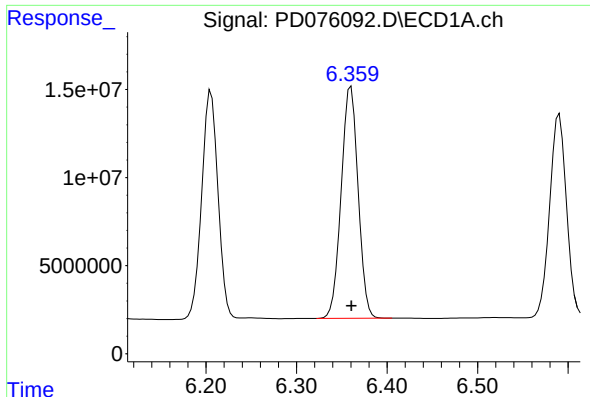
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 161947328
Conc: 56.66 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 74689615
Conc: 66.92 ng/ml



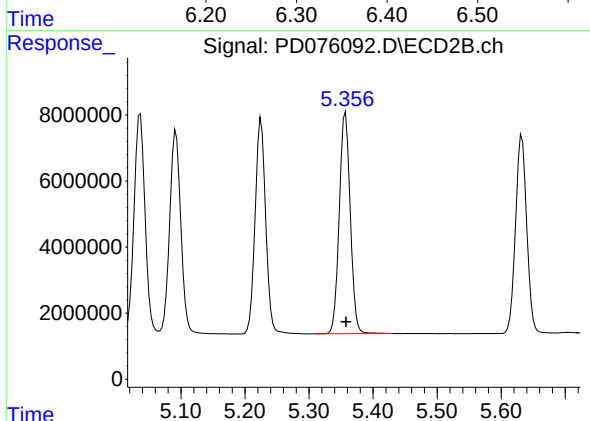
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 171195146
Conc: 54.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

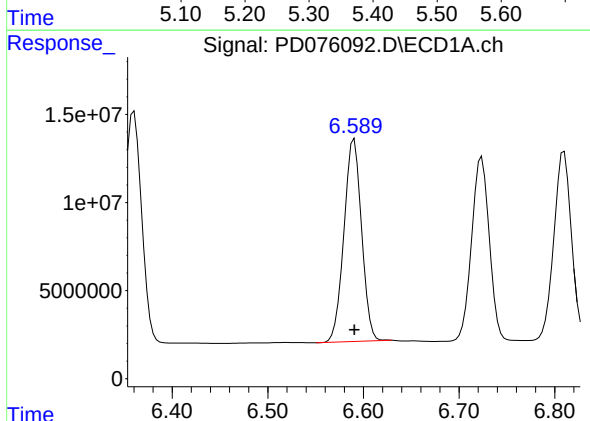
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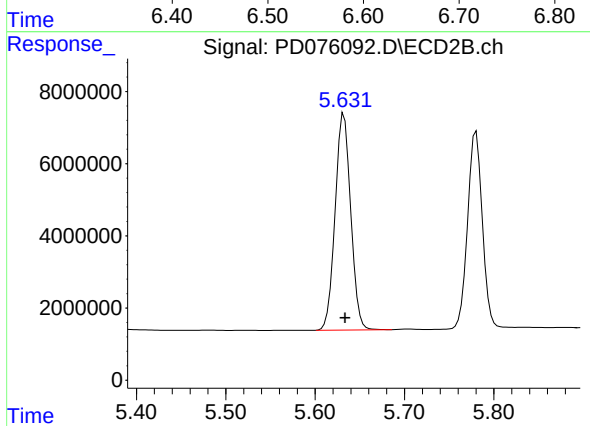
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 79896984
Conc: 59.22 ng/ml



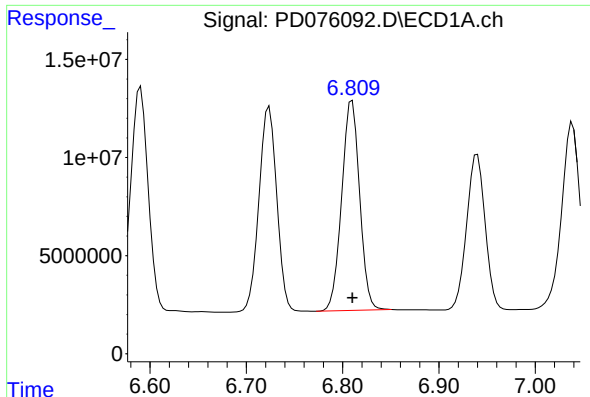
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 147544006
Conc: 55.17 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 72779570
Conc: 59.80 ng/ml



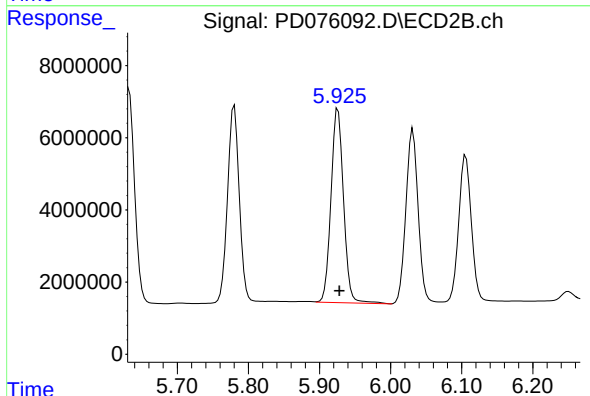
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 137872976
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

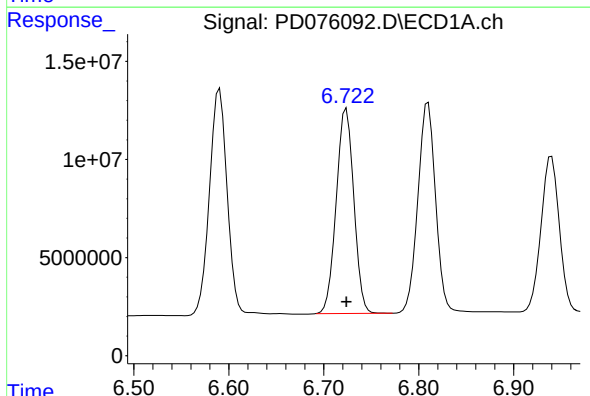
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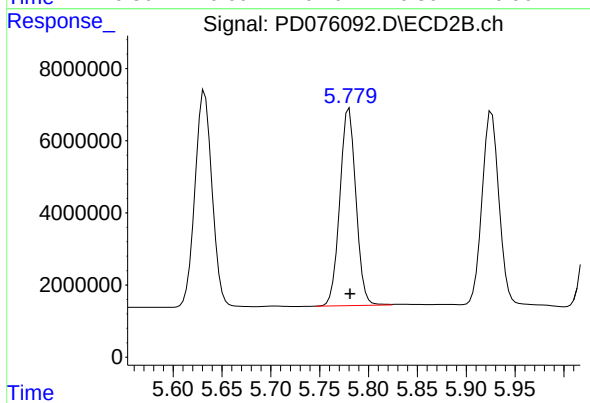
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 65875782
Conc: 61.06 ng/ml



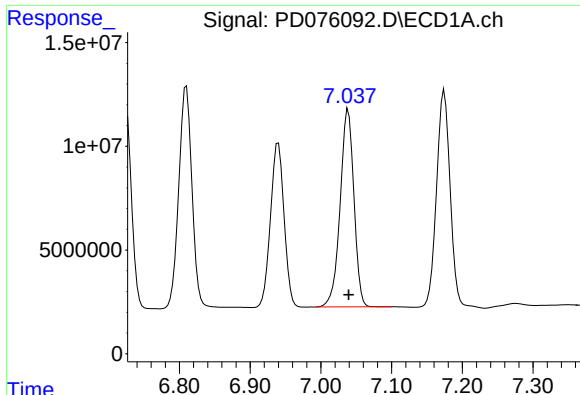
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 134570842
Conc: 59.14 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 62740816
Conc: 71.19 ng/ml



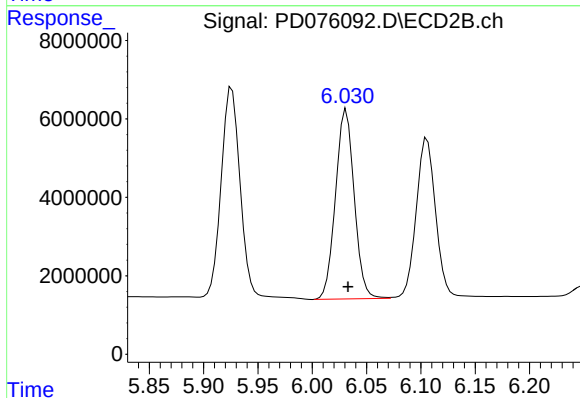
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 128950587
Conc: 56.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

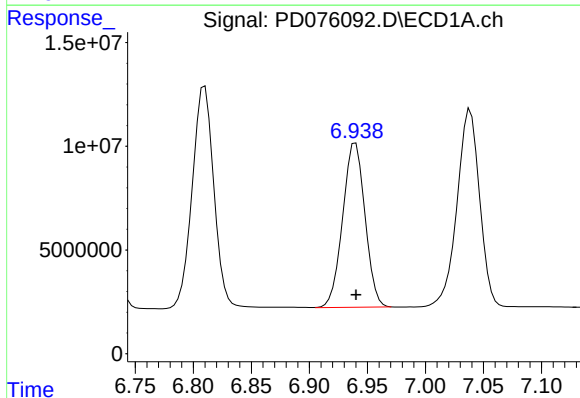
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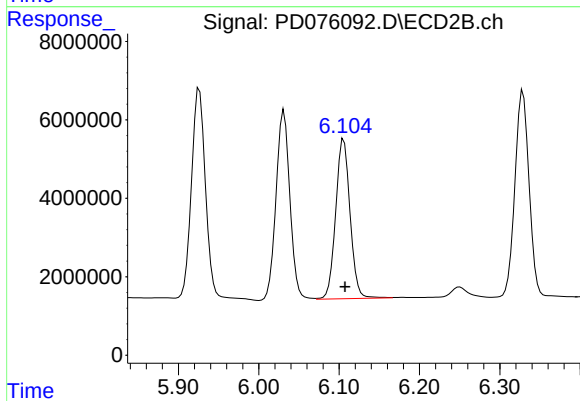
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 57986371
Conc: 71.39 ng/ml



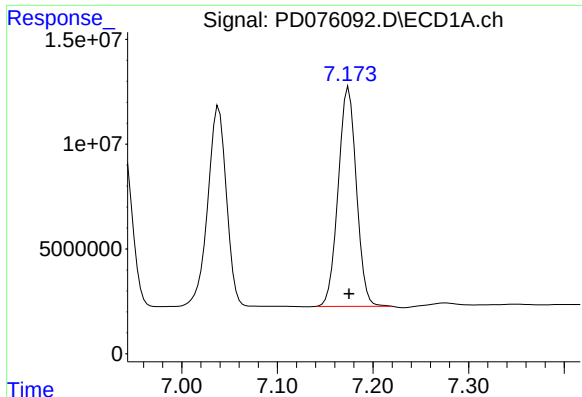
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 105942351
Conc: 52.80 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 50818339
Conc: 58.72 ng/ml



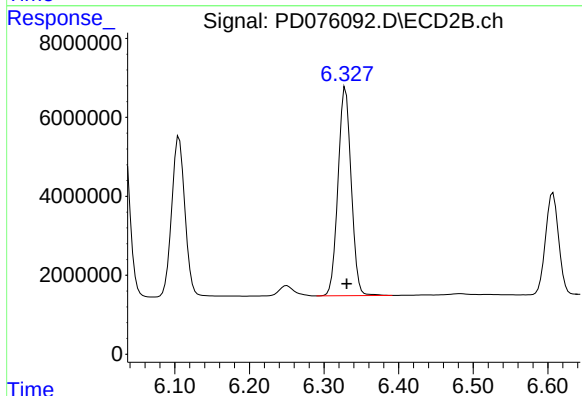
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 138580006
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

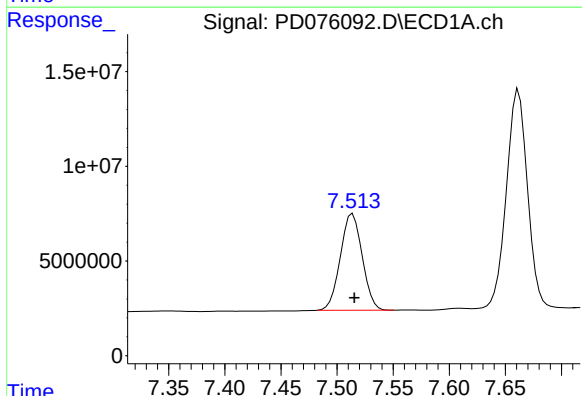
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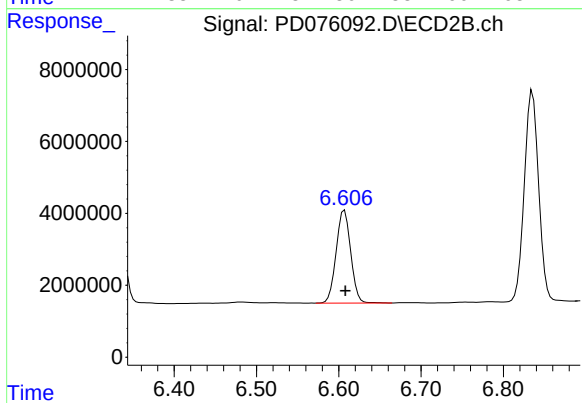
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 64794826
Conc: 59.96 ng/ml



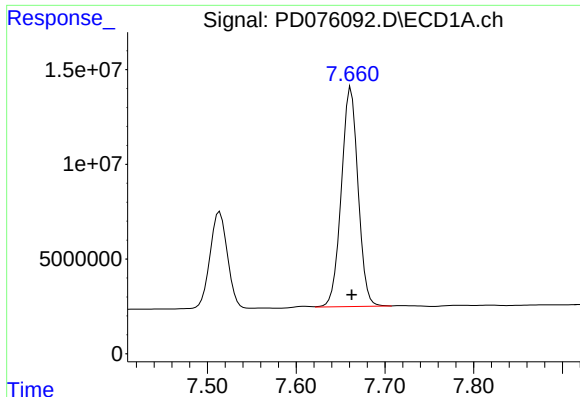
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 69104339
Conc: 53.39 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 31697542
Conc: 68.48 ng/ml



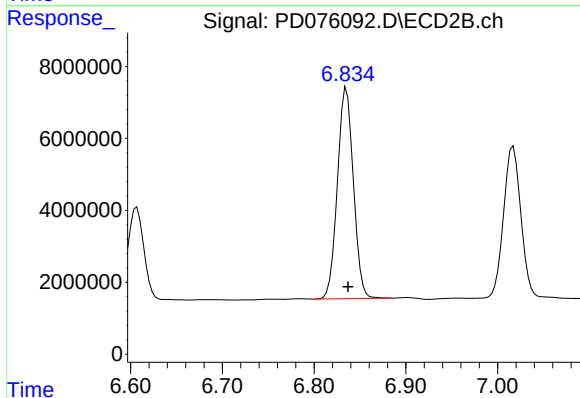
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 151408267
Conc: 54.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

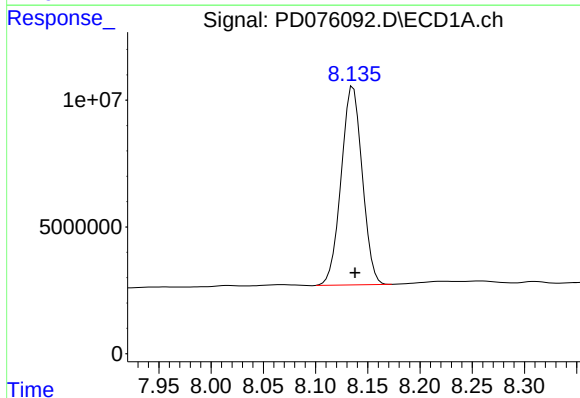
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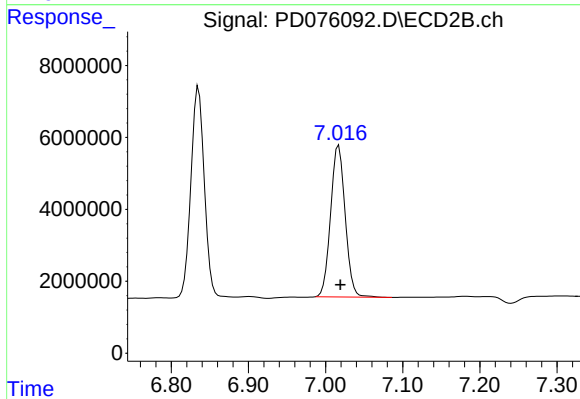
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 70978371
Conc: 58.42 ng/ml



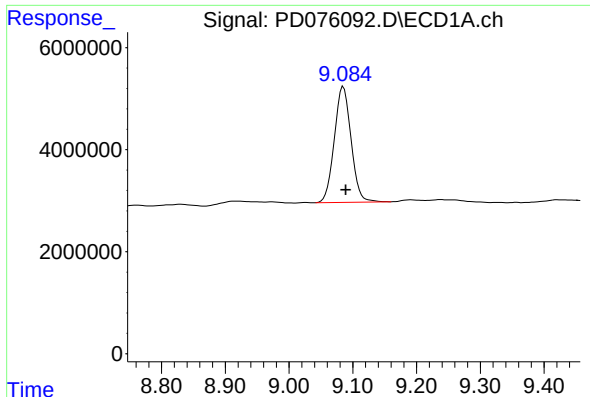
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 109891521
Conc: 51.29 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 55554785
Conc: 53.00 ng/ml



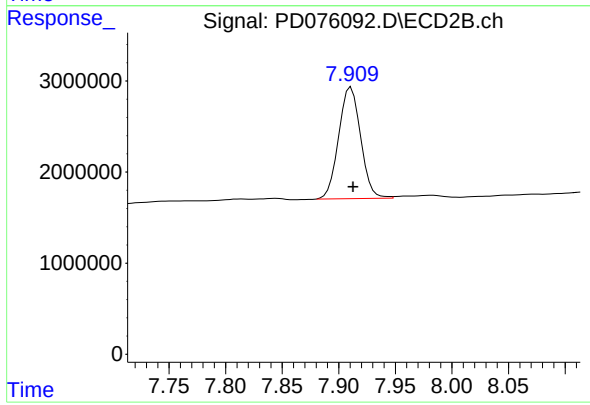
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.004 min
Response: 41521269
Conc: 16.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-5MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 16575947
Conc: 16.95 ng/ml