

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
 Data File : PL070378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2021 18:46
 Operator : AR\AJ
 Sample : M4224-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 515-ZMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 05:38:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.624	5.561	10760036	27329410	21.503	20.663
28)	SA Decachlor...	10.389	11.483	16511485	27215838	23.861	22.489
Target Compounds							
2)	A alpha-BHC	5.330	6.143	43040290	115.3E6	58.146	58.944
3)	MA gamma-BHC...	5.753	6.539	42097915	107.5E6	60.290	58.669
4)	MA Heptachlor	6.163	7.188	43715968	110.7E6	57.387	59.363
5)	MB Aldrin	6.488	7.560	41971609	99849015	58.148	57.949
6)	B beta-BHC	6.132	6.794	21736448	48176291	64.743m	56.028
7)	B delta-BHC	6.395	7.062	42330908	112.3E6	61.231	58.007
8)	B Heptachlo...	7.064	8.026	41509491	89218856	59.195	57.566
9)	A Endosulfan I	7.467	8.432	39800982	85690440	59.556	58.243
10)	B gamma-Chl...	7.341	8.296	42910134	93987097	59.250	58.761
11)	B alpha-Chl...	7.411	8.377	43077255	91347046	59.146	57.919
12)	B 4,4'-DDE	7.625	8.565	39712743	91341964	62.396	58.974
13)	MA Dieldrin	7.753	8.722	41409474	89170441	60.269	58.414
14)	MA Endrin	8.044	8.962	38340063	75116120	60.671	59.799
15)	B Endosulfa...	8.355	9.196	35577446	81528502	56.082	68.228
16)	A 4,4'-DDD	8.210	9.105	34538817	70697424	61.583	59.850
17)	MA 4,4'-DDT	8.471	9.422	38231515	79384655	62.499	60.746
18)	B Endrin al...	8.544	9.330	30192053	55642208	60.937	57.688
19)	B Endosulfa...	8.774	9.568	39398118	71023828	59.717	58.037
20)	A Methoxychlor	9.065	9.908	22704783	37067671	60.805	57.279
21)	B Endrin ke...	9.293	10.066	43902189	81907156	57.454	61.232
22)	Mirex	9.479	10.532	35762812	53028065	54.220	53.829

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
Data File : PL070378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2021 18:46
Operator : AR\AJ
Sample : M4224-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

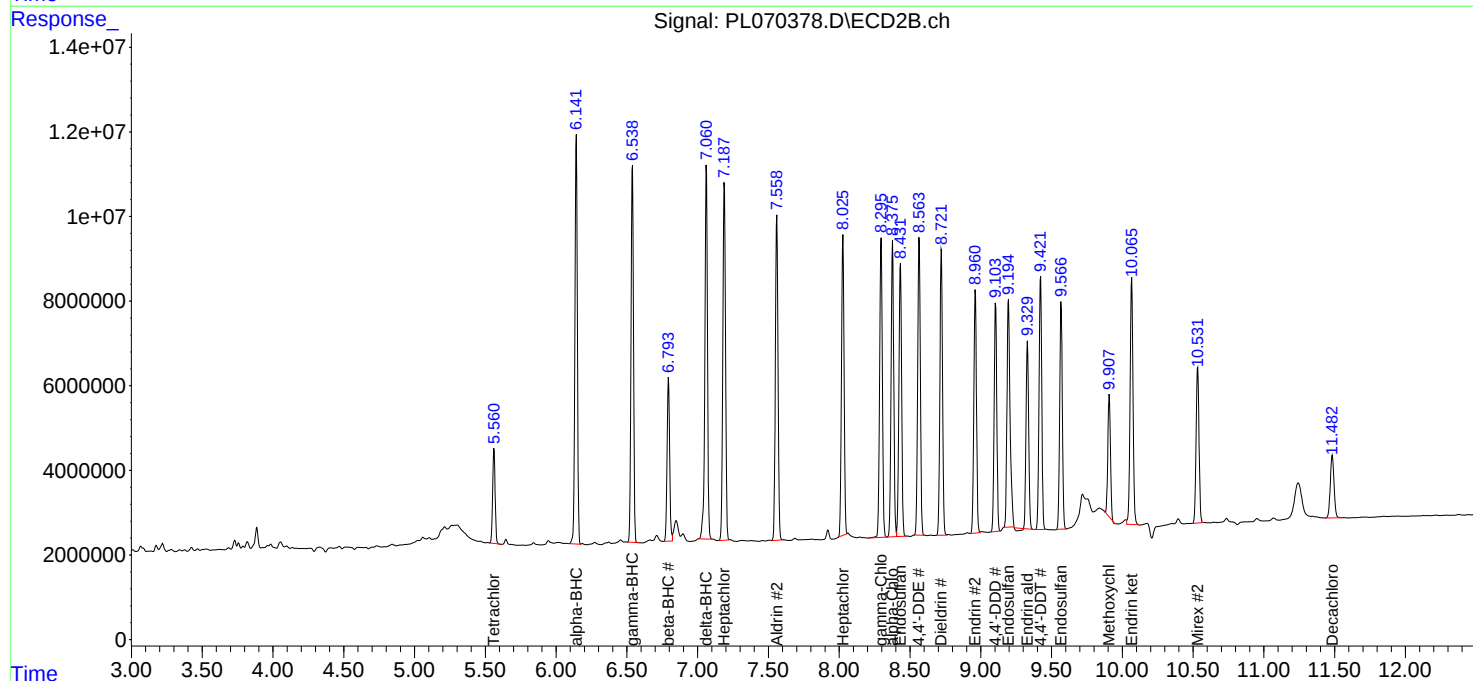
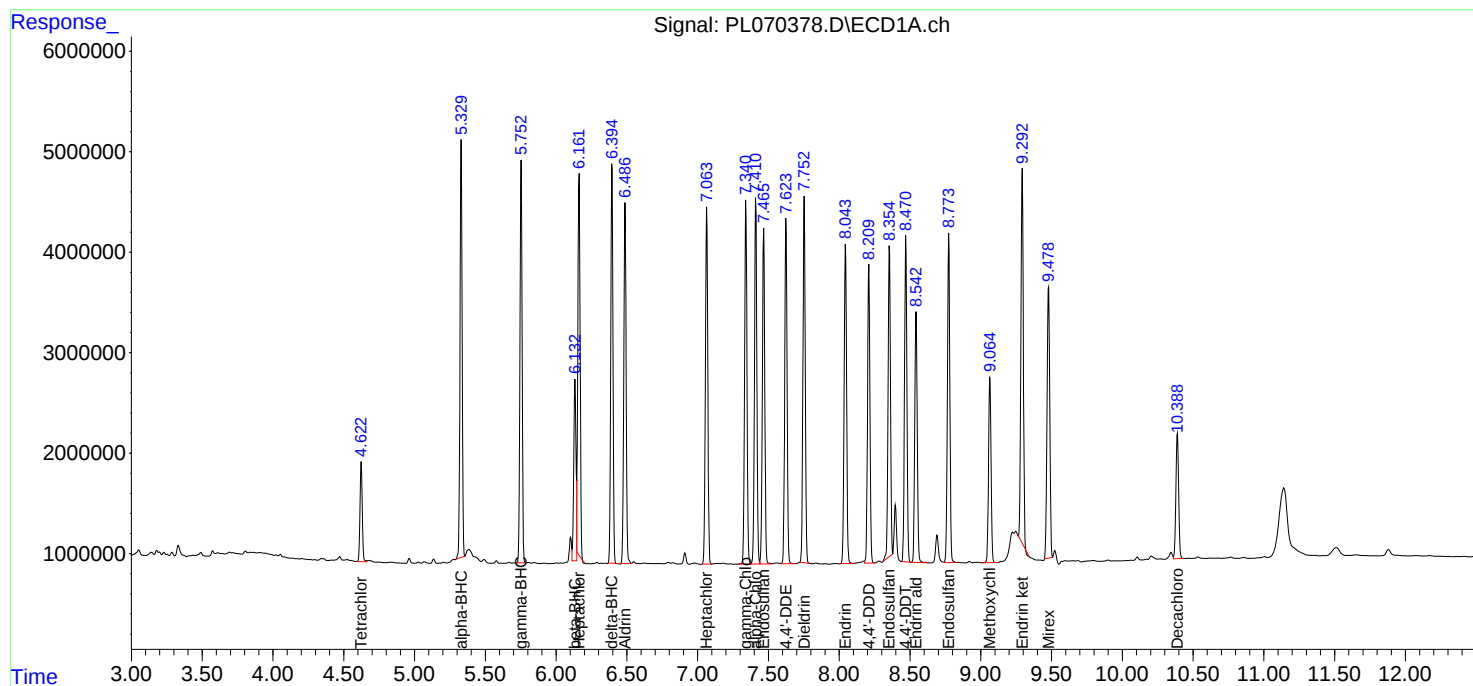
Instrument :
ECD_L
ClientSampleId :
515-ZMSD

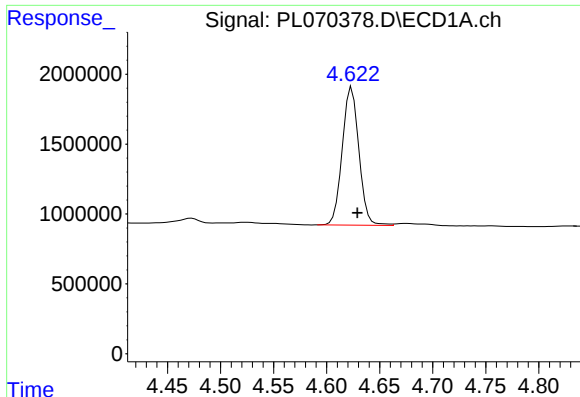
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 05:38:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





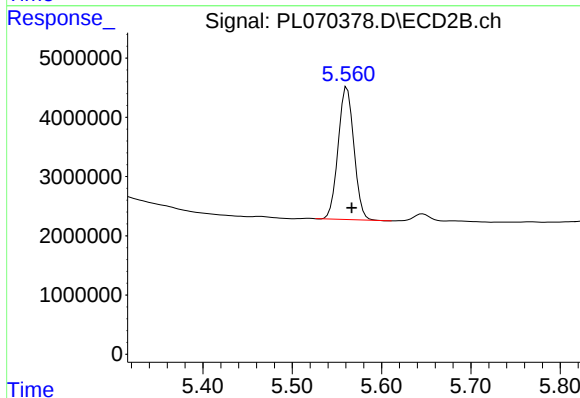
#1 Tetrachloro-m-xylene

R.T.: 4.624 min
Delta R.T.: -0.005 min
Response: 10760036
Conc: 21.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

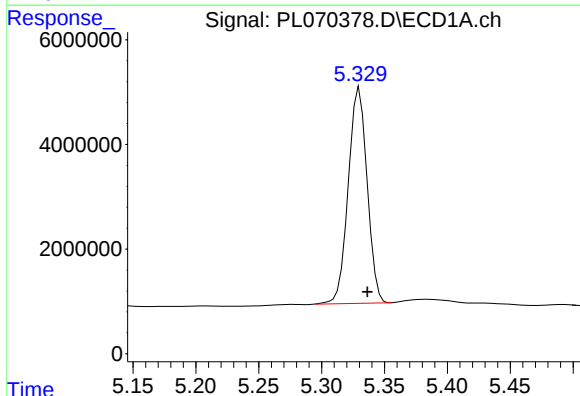
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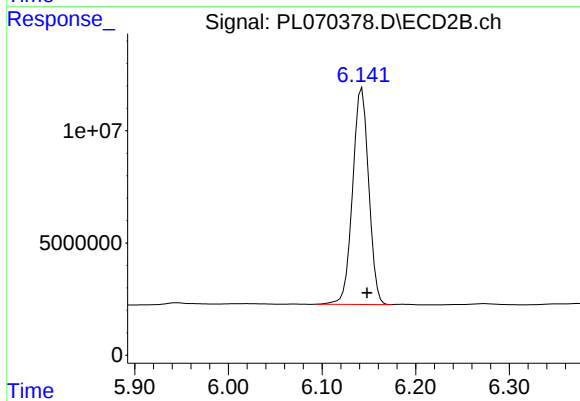
#1 Tetrachloro-m-xylene

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 27329410
Conc: 20.66 ng/ml



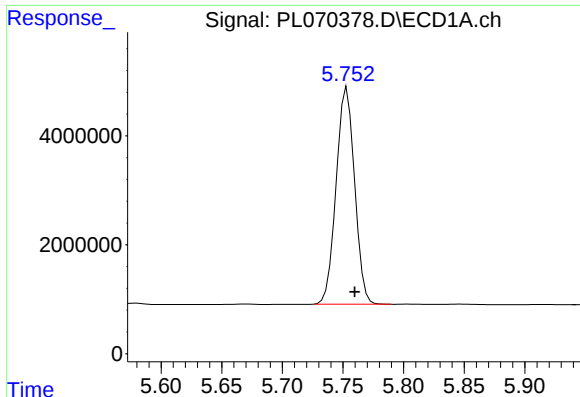
#2 alpha-BHC

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 43040290
Conc: 58.15 ng/ml



#2 alpha-BHC

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 115290442
Conc: 58.94 ng/ml



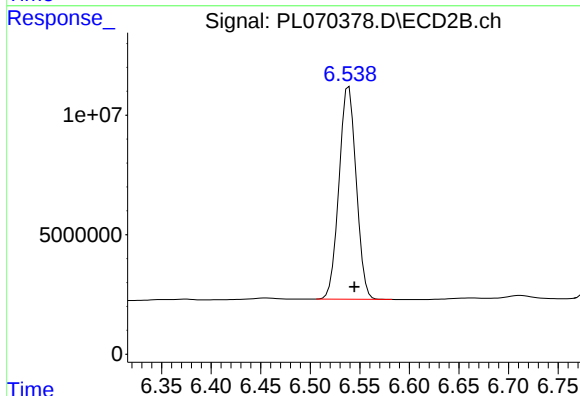
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 42097915
Conc: 60.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

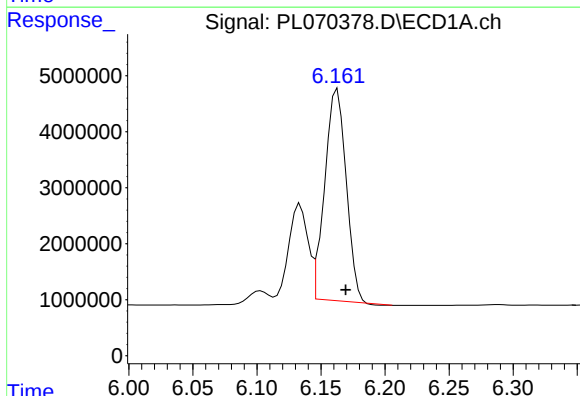
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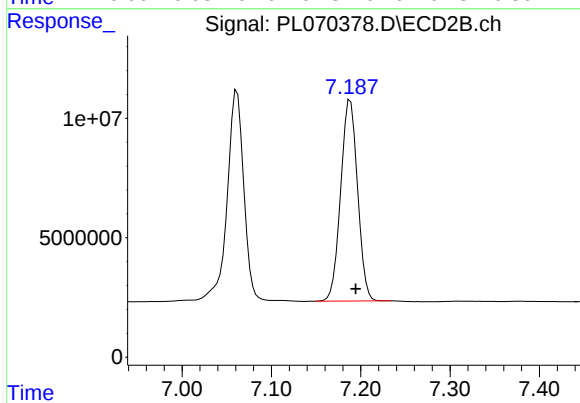
#3 gamma-BHC (Lindane)

R.T.: 6.539 min
Delta R.T.: -0.006 min
Response: 107489180
Conc: 58.67 ng/ml



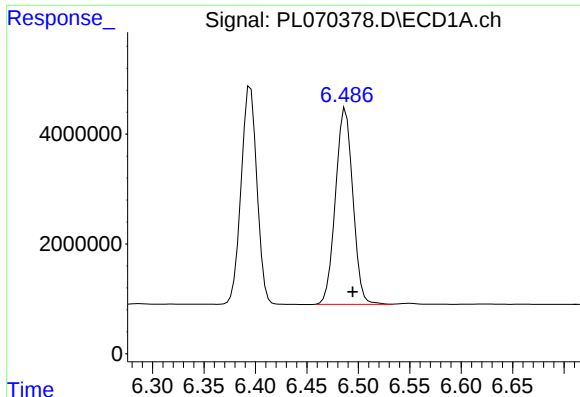
#4 Heptachlor

R.T.: 6.163 min
Delta R.T.: -0.007 min
Response: 43715968
Conc: 57.39 ng/ml



#4 Heptachlor

R.T.: 7.188 min
Delta R.T.: -0.006 min
Response: 110708992
Conc: 59.36 ng/ml



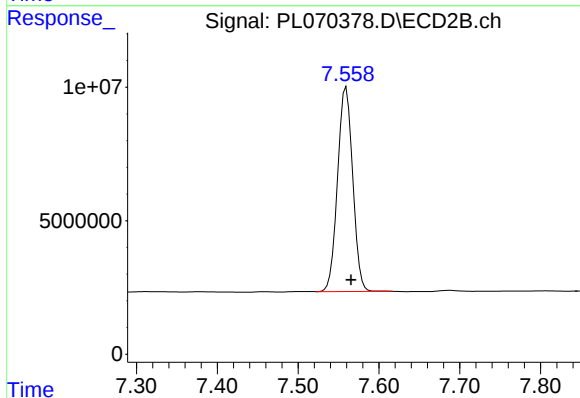
#5 Aldrin

R.T.: 6.488 min
Delta R.T.: -0.007 min
Response: 41971609
Conc: 58.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

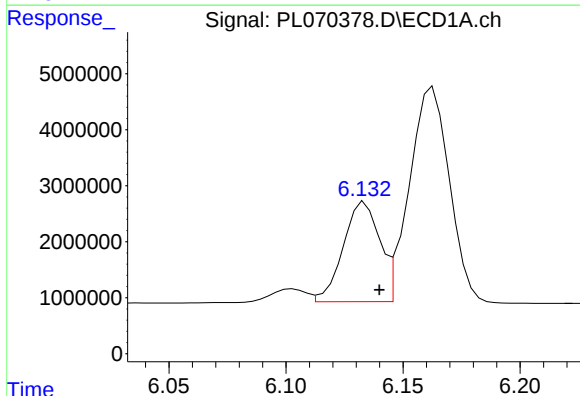
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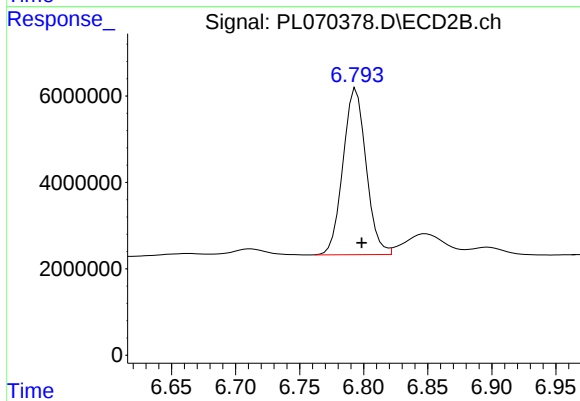
#5 Aldrin

R.T.: 7.560 min
Delta R.T.: -0.006 min
Response: 99849015
Conc: 57.95 ng/ml



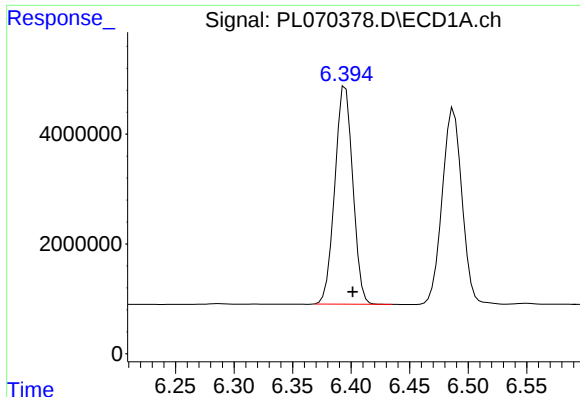
#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 21736448
Conc: 64.74 ng/ml m



#6 beta-BHC

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 48176291
Conc: 56.03 ng/ml



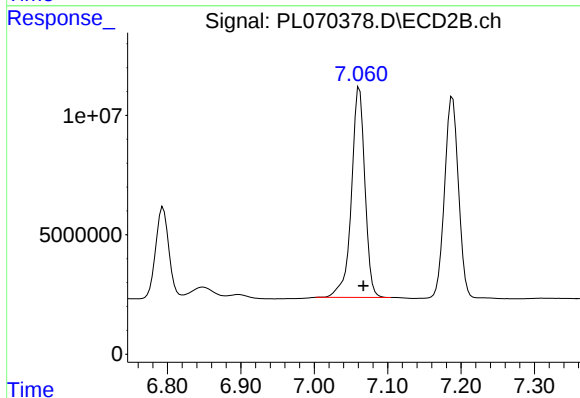
#7 delta-BHC

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 42330908
Conc: 61.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

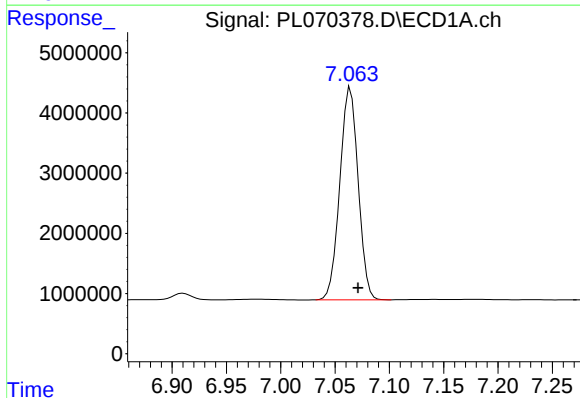
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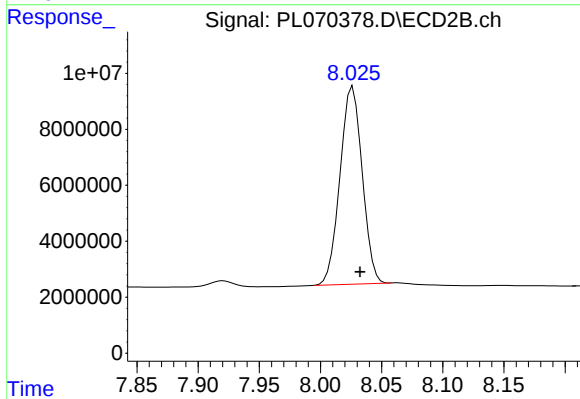
#7 delta-BHC

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 112278266
Conc: 58.01 ng/ml



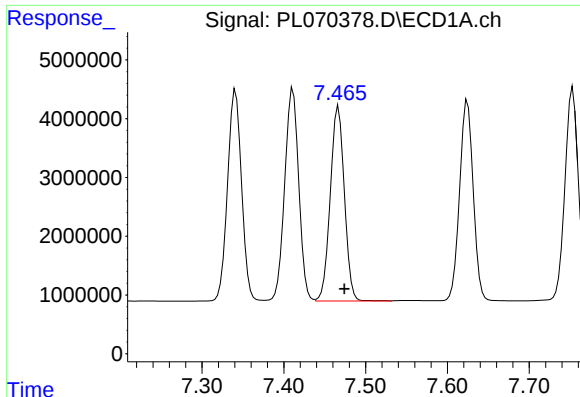
#8 Heptachlor epoxide

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 41509491
Conc: 59.20 ng/ml



#8 Heptachlor epoxide

R.T.: 8.026 min
Delta R.T.: -0.006 min
Response: 89218856
Conc: 57.57 ng/ml



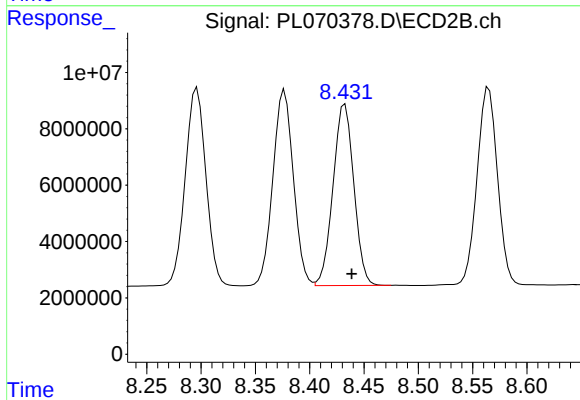
#9 Endosulfan I

R.T.: 7.467 min
Delta R.T.: -0.007 min
Response: 39800982
Conc: 59.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

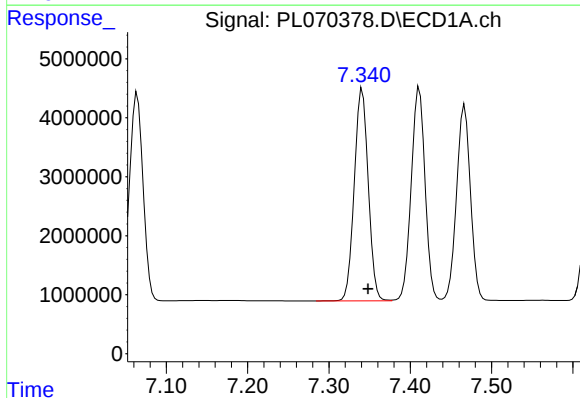
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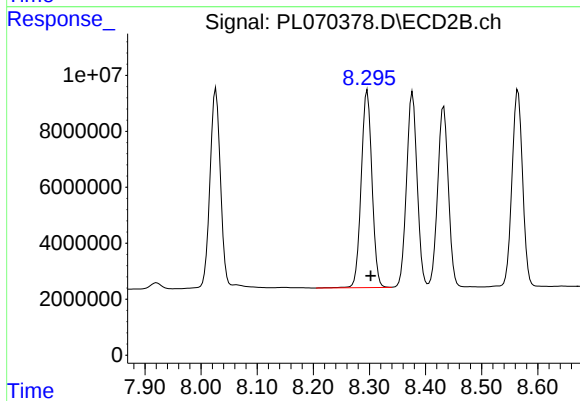
#9 Endosulfan I

R.T.: 8.432 min
Delta R.T.: -0.006 min
Response: 85690440
Conc: 58.24 ng/ml



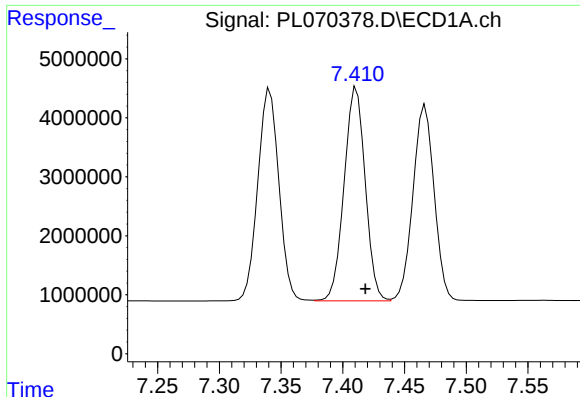
#10 gamma-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.007 min
Response: 42910134
Conc: 59.25 ng/ml



#10 gamma-Chlordane

R.T.: 8.296 min
Delta R.T.: -0.006 min
Response: 93987097
Conc: 58.76 ng/ml



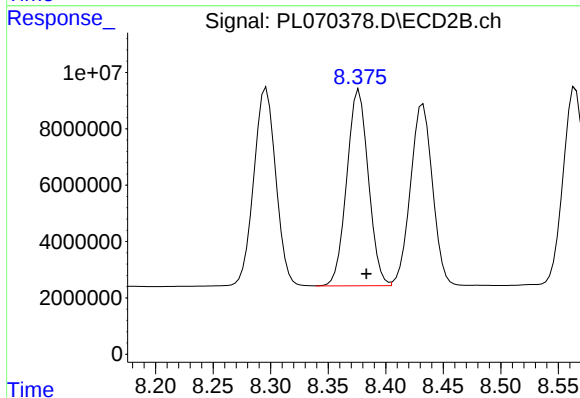
#11 alpha-Chlordane

R.T.: 7.411 min
Delta R.T.: -0.007 min
Response: 43077255
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

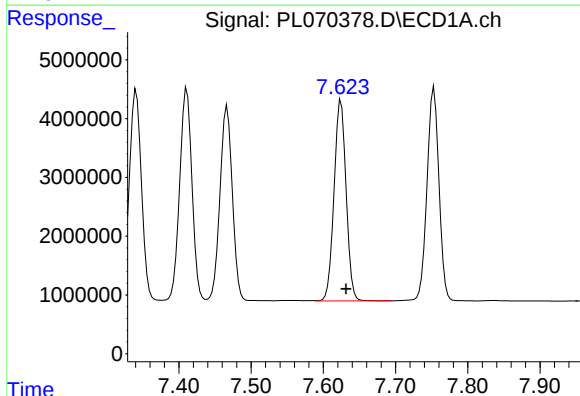
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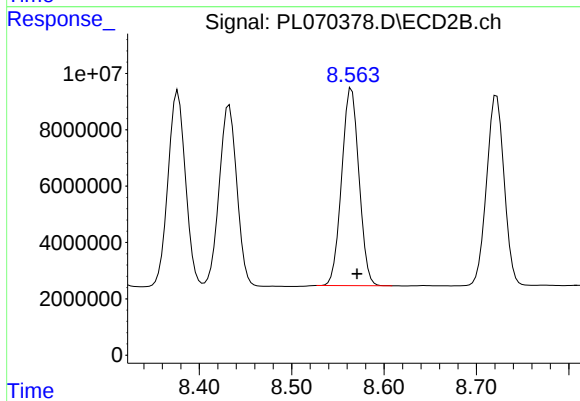
#11 alpha-Chlordane

R.T.: 8.377 min
Delta R.T.: -0.006 min
Response: 91347046
Conc: 57.92 ng/ml



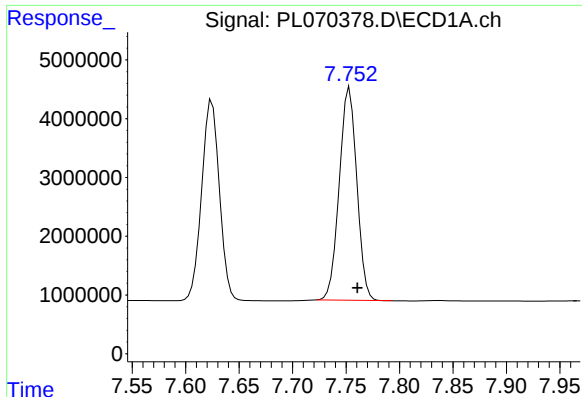
#12 4,4'-DDE

R.T.: 7.625 min
Delta R.T.: -0.007 min
Response: 39712743
Conc: 62.40 ng/ml



#12 4,4'-DDE

R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 91341964
Conc: 58.97 ng/ml



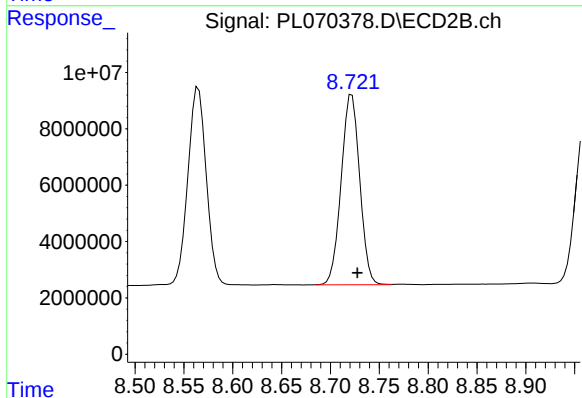
#13 Dieldrin

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 41409474
Conc: 60.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

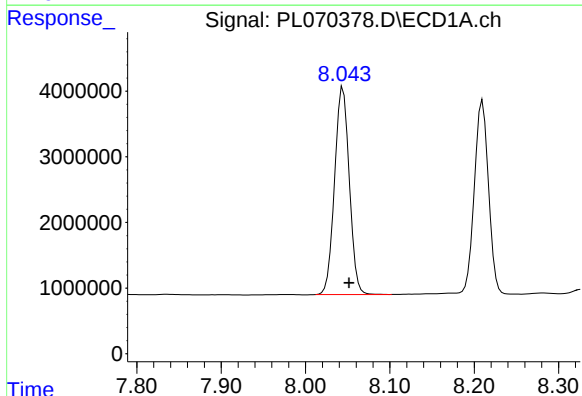
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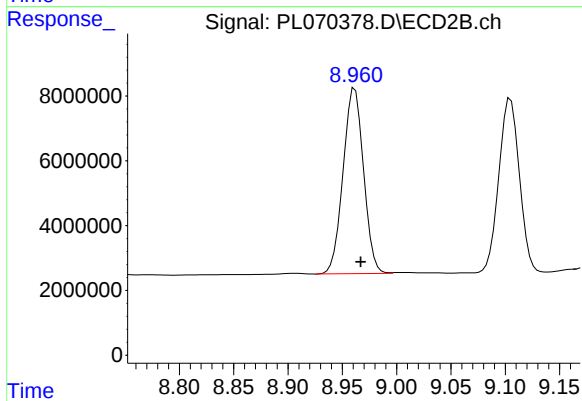
#13 Dieldrin

R.T.: 8.722 min
Delta R.T.: -0.006 min
Response: 89170441
Conc: 58.41 ng/ml



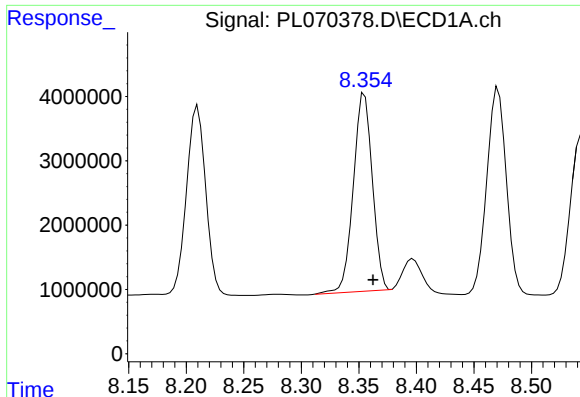
#14 Endrin

R.T.: 8.044 min
Delta R.T.: -0.007 min
Response: 38340063
Conc: 60.67 ng/ml



#14 Endrin

R.T.: 8.962 min
Delta R.T.: -0.005 min
Response: 75116120
Conc: 59.80 ng/ml



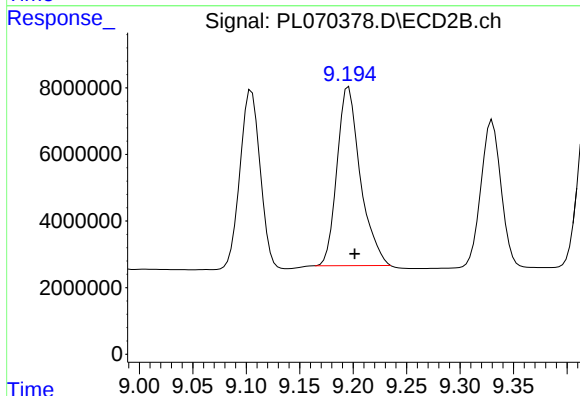
#15 Endosulfan II

R.T.: 8.355 min
Delta R.T.: -0.007 min
Response: 35577446
Conc: 56.08 ng/ml

Instrument :
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ClientSampleId :
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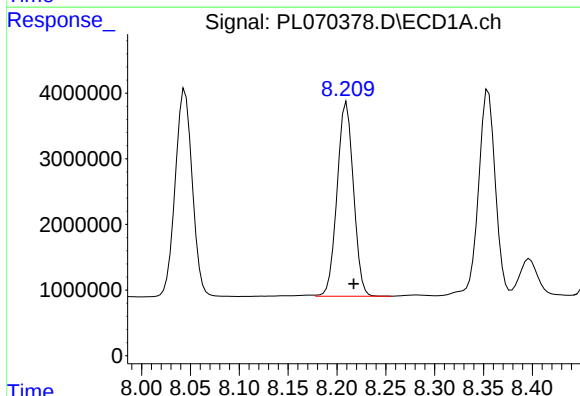
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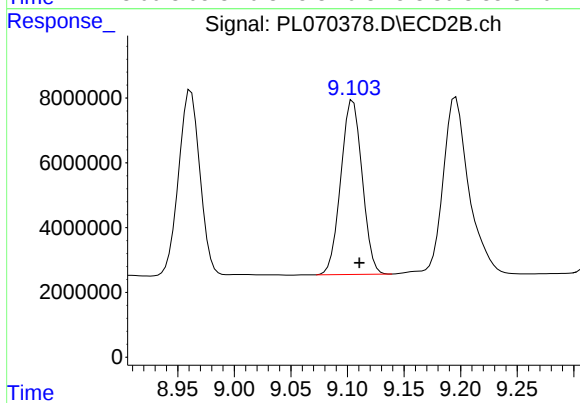
#15 Endosulfan II

R.T.: 9.196 min
Delta R.T.: -0.006 min
Response: 81528502
Conc: 68.23 ng/ml



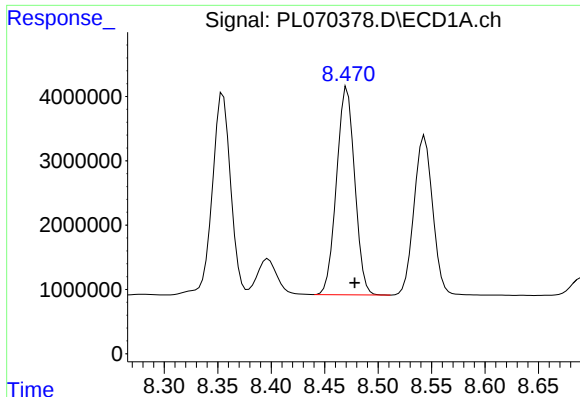
#16 4,4'-DDD

R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 34538817
Conc: 61.58 ng/ml



#16 4,4'-DDD

R.T.: 9.105 min
Delta R.T.: -0.006 min
Response: 70697424
Conc: 59.85 ng/ml



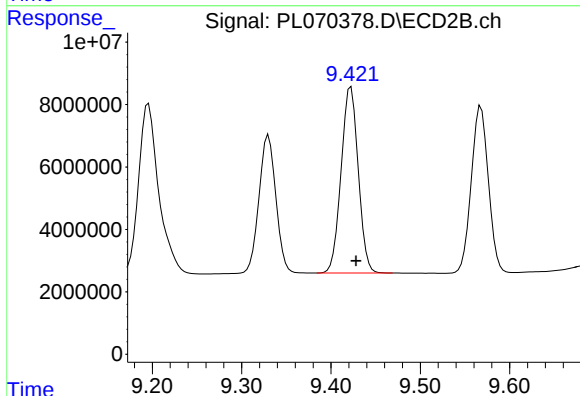
#17 4,4'-DDT

R.T.: 8.471 min
Delta R.T.: -0.007 min
Response: 38231515
Conc: 62.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

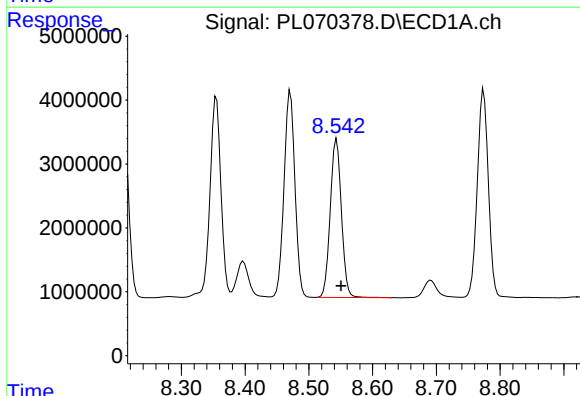
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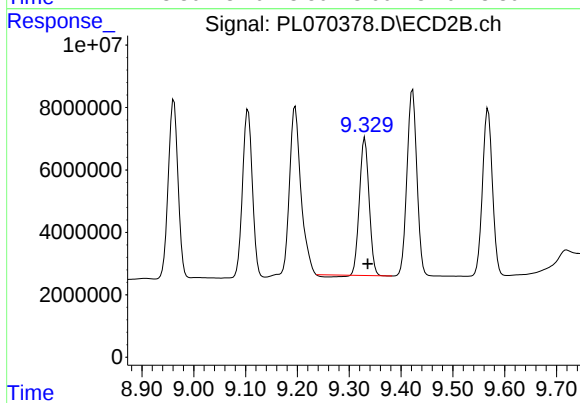
#17 4,4'-DDT

R.T.: 9.422 min
Delta R.T.: -0.006 min
Response: 79384655
Conc: 60.75 ng/ml



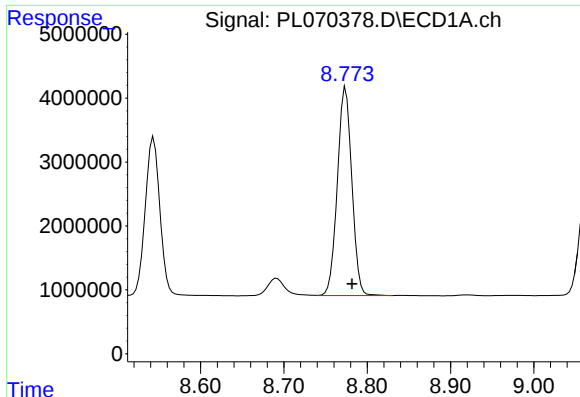
#18 Endrin aldehyde

R.T.: 8.544 min
Delta R.T.: -0.007 min
Response: 30192053
Conc: 60.94 ng/ml



#18 Endrin aldehyde

R.T.: 9.330 min
Delta R.T.: -0.005 min
Response: 55642208
Conc: 57.69 ng/ml



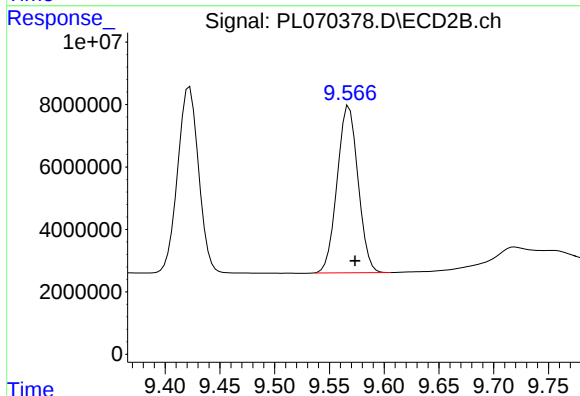
#19 Endosulfan Sulfate

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 39398118
Conc: 59.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

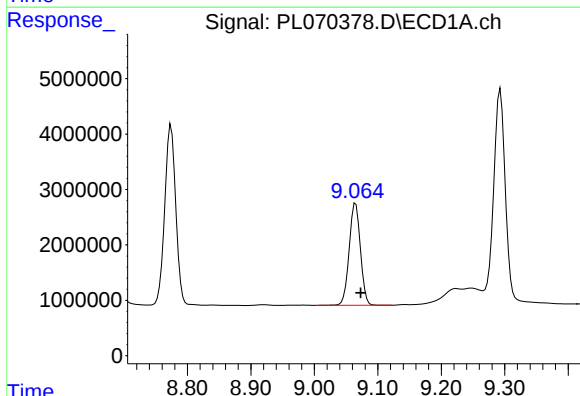
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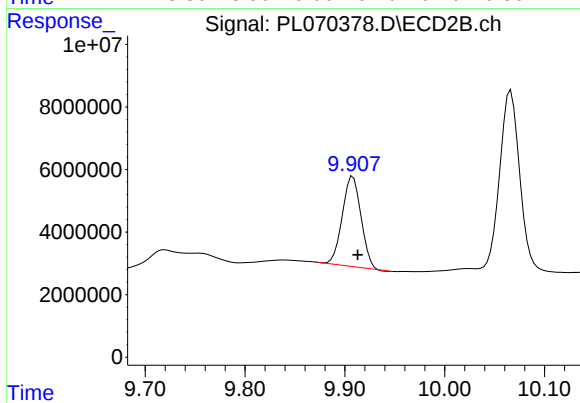
#19 Endosulfan Sulfate

R.T.: 9.568 min
Delta R.T.: -0.005 min
Response: 71023828
Conc: 58.04 ng/ml



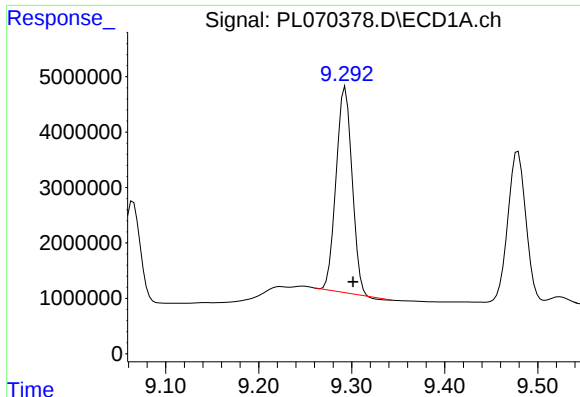
#20 Methoxychlor

R.T.: 9.065 min
Delta R.T.: -0.008 min
Response: 22704783
Conc: 60.81 ng/ml



#20 Methoxychlor

R.T.: 9.908 min
Delta R.T.: -0.005 min
Response: 37067671
Conc: 57.28 ng/ml



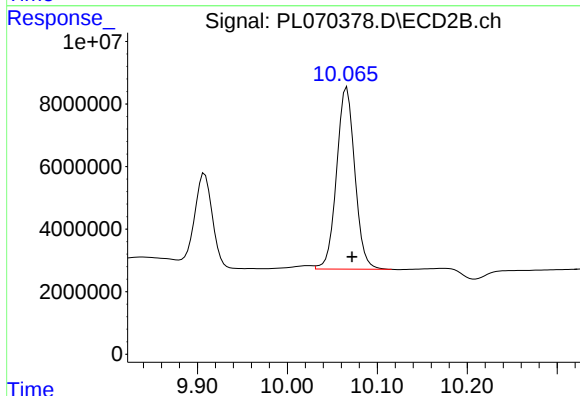
#21 Endrin ketone

R.T.: 9.293 min
Delta R.T.: -0.008 min
Response: 43902189
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

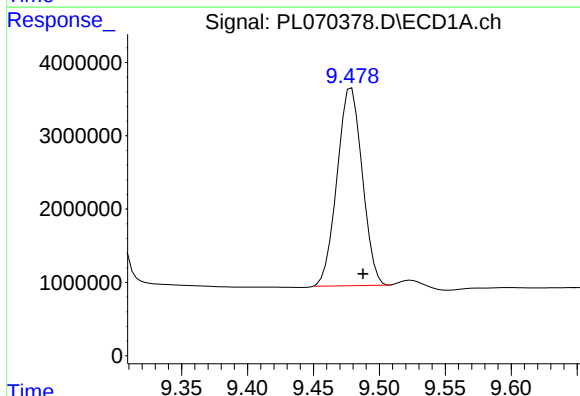
Manual Integrations
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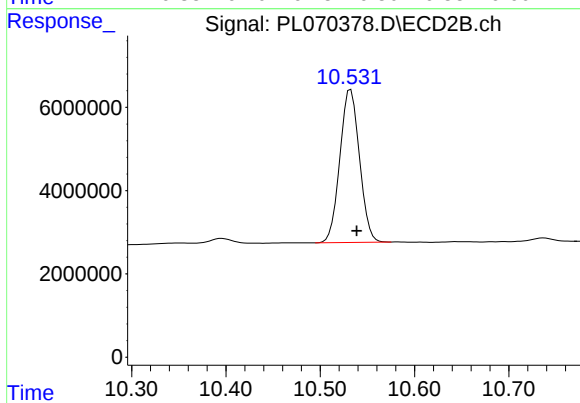
#21 Endrin ketone

R.T.: 10.066 min
Delta R.T.: -0.006 min
Response: 81907156
Conc: 61.23 ng/ml



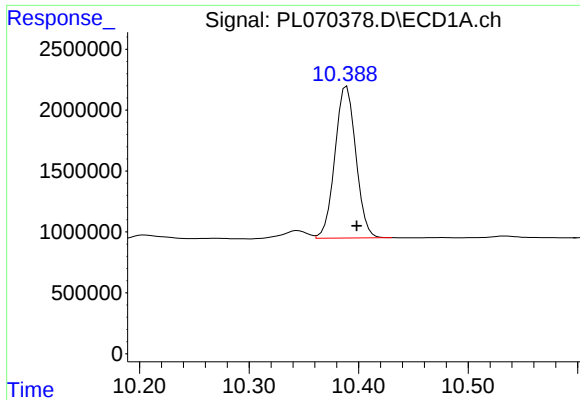
#22 Mirex

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 35762812
Conc: 54.22 ng/ml



#22 Mirex

R.T.: 10.532 min
Delta R.T.: -0.006 min
Response: 53028065
Conc: 53.83 ng/ml



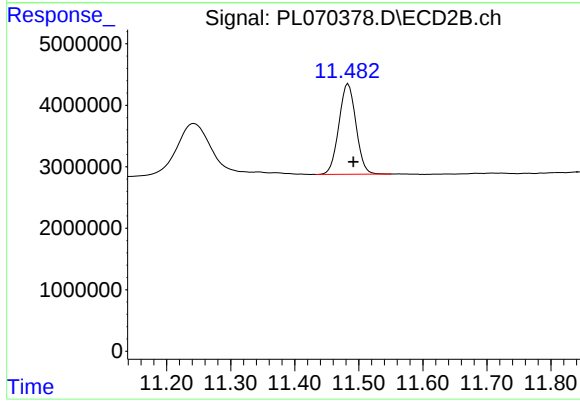
#28 Decachlorobiphenyl

R.T.: 10.389 min
Delta R.T.: -0.009 min
Response: 16511485
Conc: 23.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
515-ZMSD

Manual Integrations
APPROVED

mohammad
10/19/2021 2:54:56 PM



#28 Decachlorobiphenyl

R.T.: 11.483 min
Delta R.T.: -0.008 min
Response: 27215838
Conc: 22.49 ng/ml