

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
 Data File : PL070388.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2021 21:33
 Operator : AR\AJ
 Sample : M4249-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP1-(D)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 05:39:46 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...	4.623	5.561	8824223	22077634	17.635	16.692
28)	SA Decachlor...	10.388	11.483	13150209	21425308	19.004	17.704
Target Compounds							
2)	A alpha-BHC	5.329	6.142	36086483	103.8E6	48.751m	53.046
3)	MA gamma-BHC...	5.753	6.539	35126329	91534374	50.306	49.960
4)	MA Heptachlor	6.162	7.188	38590588	93853848	50.659	50.325
5)	MB Aldrin	6.487	7.559	35524264	85797351	49.215	49.794
6)	B beta-BHC	6.134	6.794	16394331	40972812	48.831	47.651
7)	B delta-BHC	6.395	7.061	35059133	97621106	50.713	50.435
8)	B Heptachlo...	7.064	8.026	34974426	69342323	49.876	44.742
9)	A Endosulfan I	7.466	8.431	33645905	73122670	50.346	49.701
10)	B gamma-Chl...	7.341	8.295	35959896	79388496	49.653	49.634
11)	B alpha-Chl...	7.411	8.376	36509209	78052016	50.128	49.489
12)	B 4,4'-DDE	7.624	8.563	33138752	75624539	52.067	48.826
13)	MA Dieldrin	7.752	8.721	34737039	75420595	50.558	49.407
14)	MA Endrin	8.044	8.960	31876396	65331267	50.443	52.010
15)	B Endosulfa...	8.355	9.195	31088980	60965220	49.007	51.019
16)	A 4,4'-DDD	8.210	9.104	28392651	60842578	50.624	51.507
17)	MA 4,4'-DDT	8.470	9.421	32038153	66623273	52.375	50.981
18)	B Endrin al...	8.543	9.330	25876503	50384018	52.227	52.237
19)	B Endosulfa...	8.774	9.568	33358823	60480148	50.563	49.422
20)	A Methoxychlor	9.065	9.908	19937599	32306186	53.395	49.922
21)	B Endrin ke...	9.293	10.066	37297762	70473636	48.811	52.684
22)	Mirex	9.478	10.532	30492231	46178129	46.229	46.876

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
Data File : PL070388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2021 21:33
Operator : AR\AJ
Sample : M4249-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

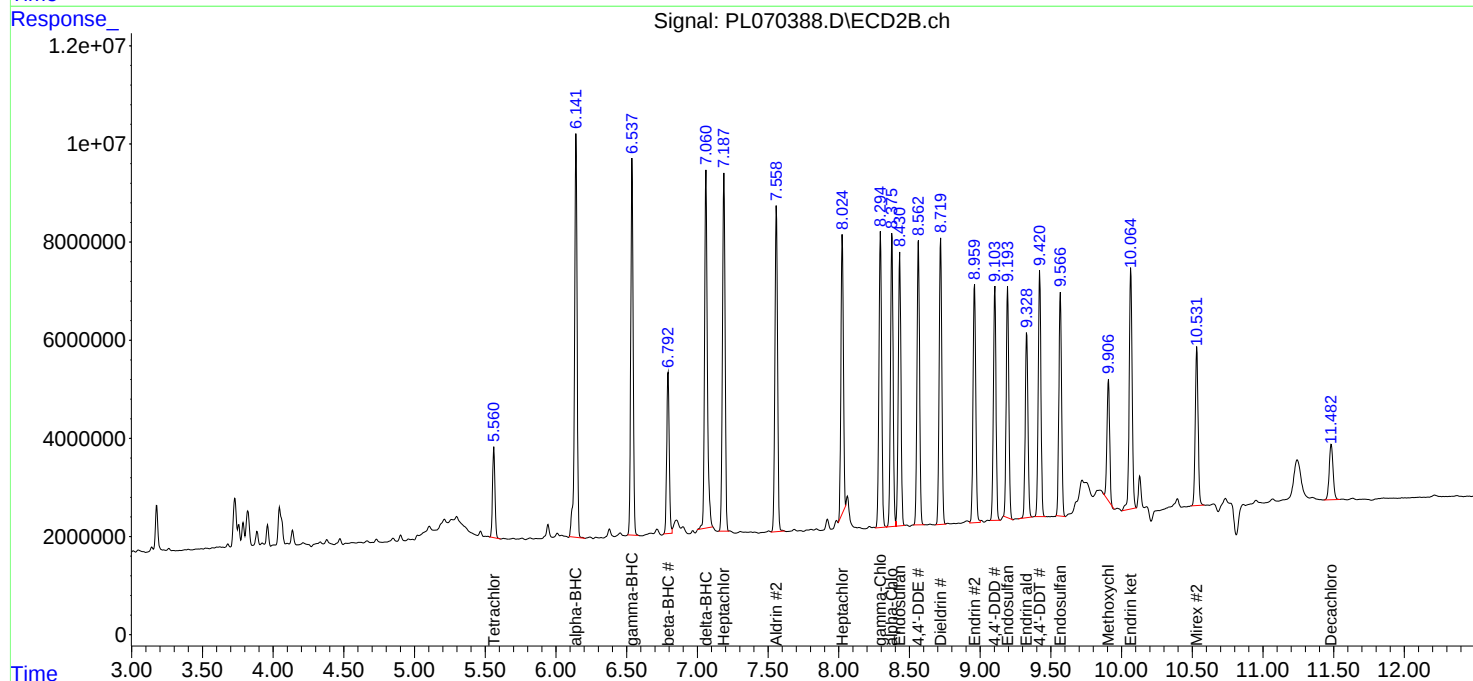
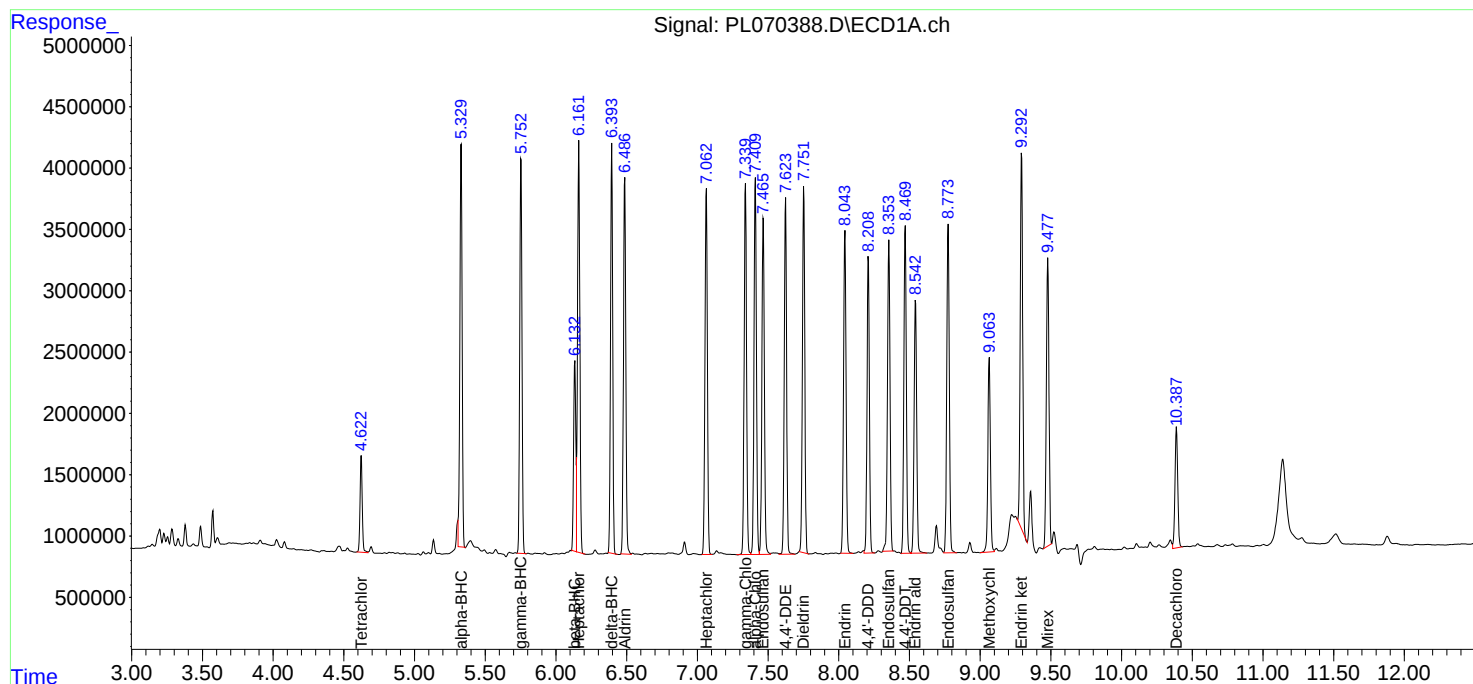
Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

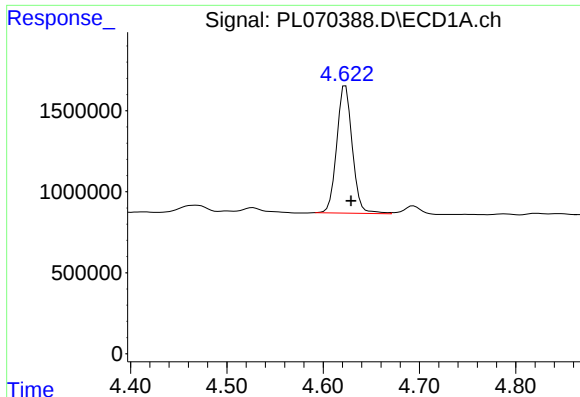
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 05:39:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
Response 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





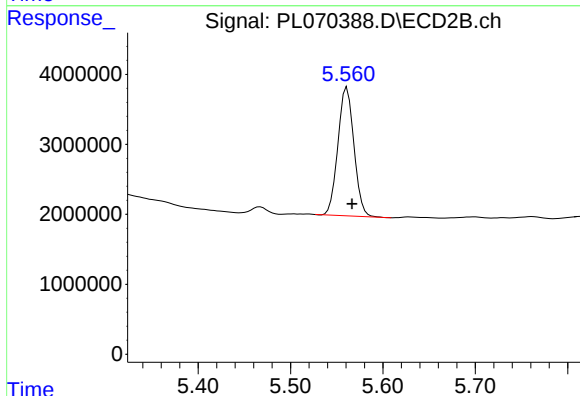
#1 Tetrachloro-m-xylene

R.T.: 4.623 min
Delta R.T.: -0.006 min
Response: 8824223
Conc: 17.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

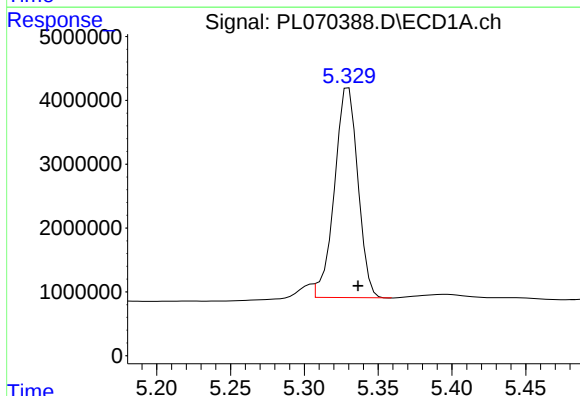
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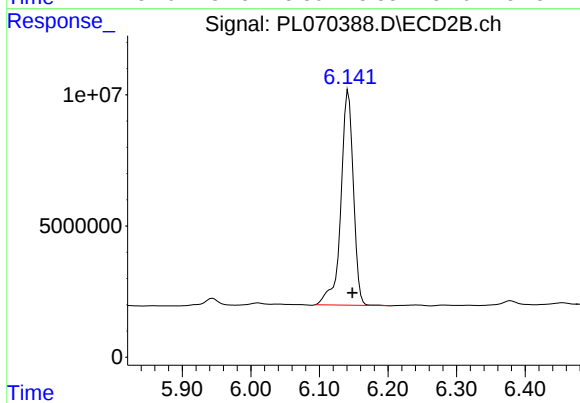
#1 Tetrachloro-m-xylene

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 22077634
Conc: 16.69 ng/ml



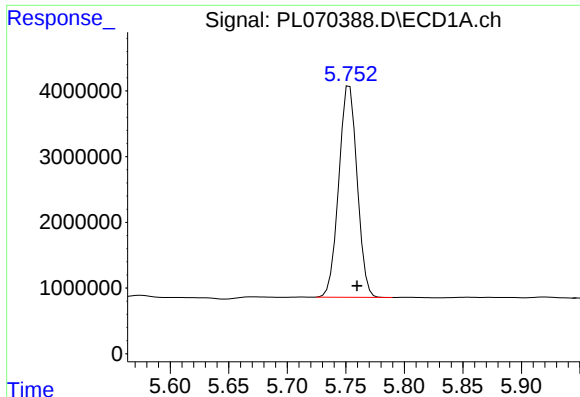
#2 alpha-BHC

R.T.: 5.329 min
Delta R.T.: -0.008 min
Response: 36086483
Conc: 48.75 ng/ml m



#2 alpha-BHC

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 103755157
Conc: 53.05 ng/ml



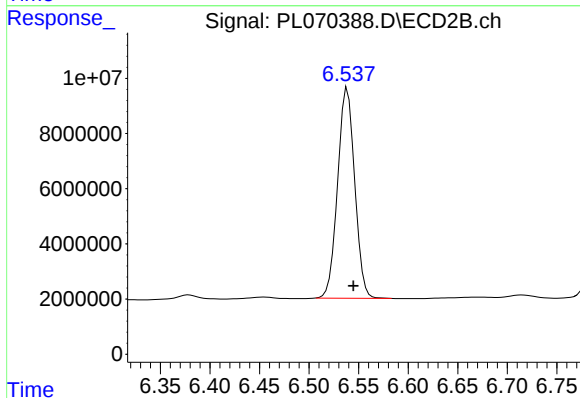
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 35126329
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

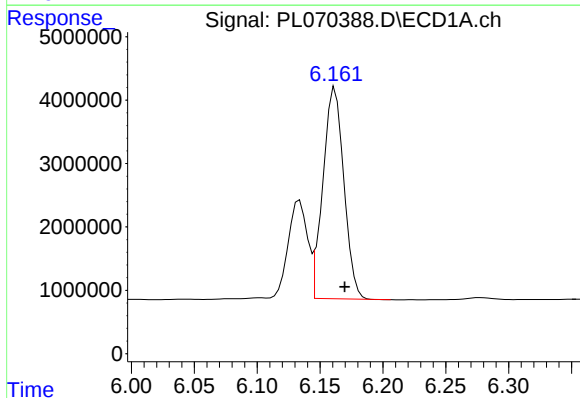
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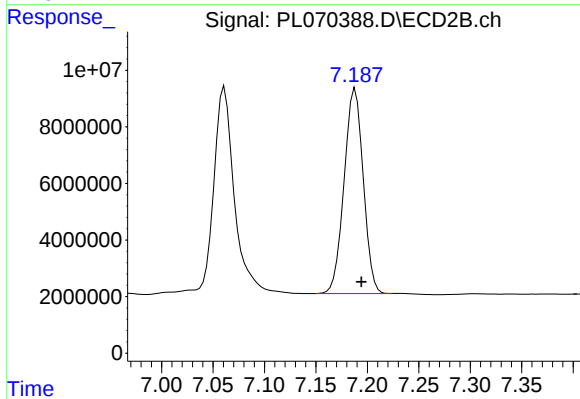
#3 gamma-BHC (Lindane)

R.T.: 6.539 min
Delta R.T.: -0.006 min
Response: 91534374
Conc: 49.96 ng/ml



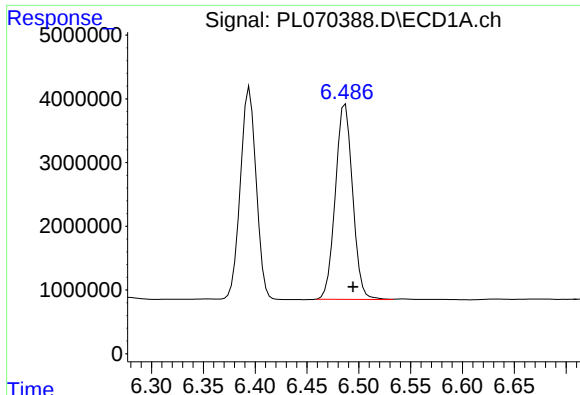
#4 Heptachlor

R.T.: 6.162 min
Delta R.T.: -0.008 min
Response: 38590588
Conc: 50.66 ng/ml



#4 Heptachlor

R.T.: 7.188 min
Delta R.T.: -0.006 min
Response: 93853848
Conc: 50.32 ng/ml



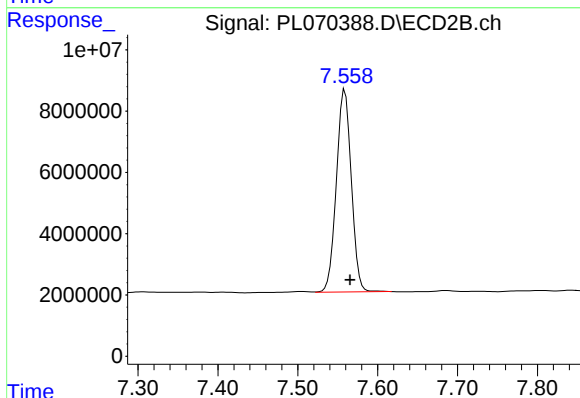
#5 Aldrin

R.T.: 6.487 min
Delta R.T.: -0.008 min
Response: 35524264
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

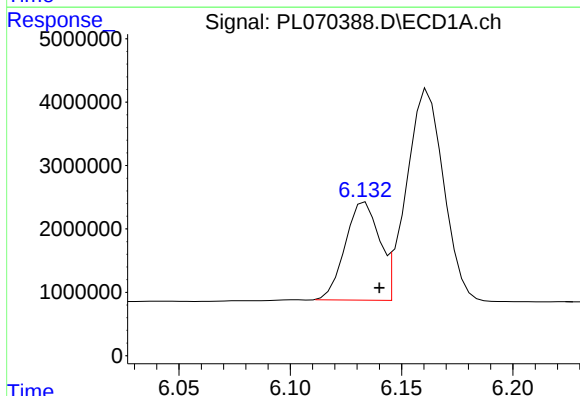
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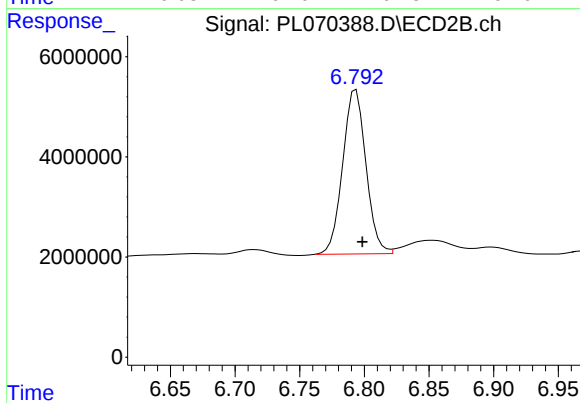
#5 Aldrin

R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 85797351
Conc: 49.79 ng/ml



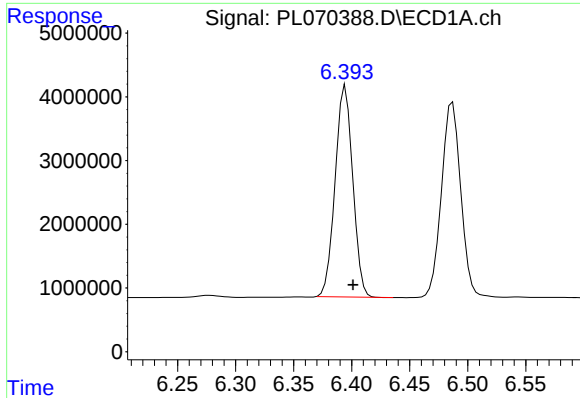
#6 beta-BHC

R.T.: 6.134 min
Delta R.T.: -0.006 min
Response: 16394331
Conc: 48.83 ng/ml



#6 beta-BHC

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 40972812
Conc: 47.65 ng/ml



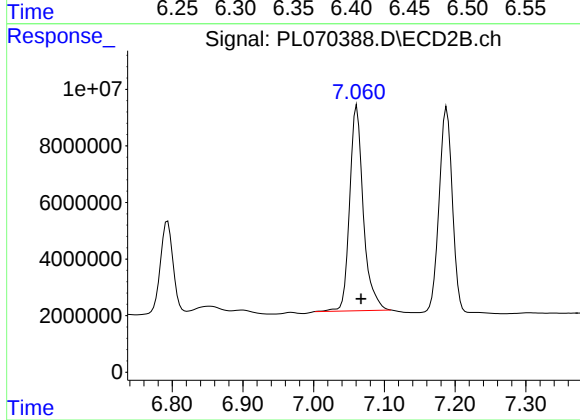
#7 delta-BHC

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 35059133
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

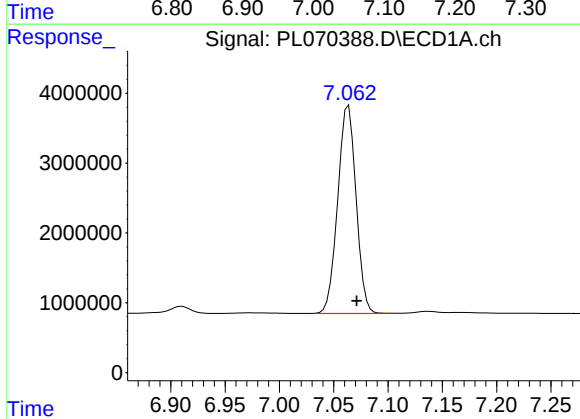
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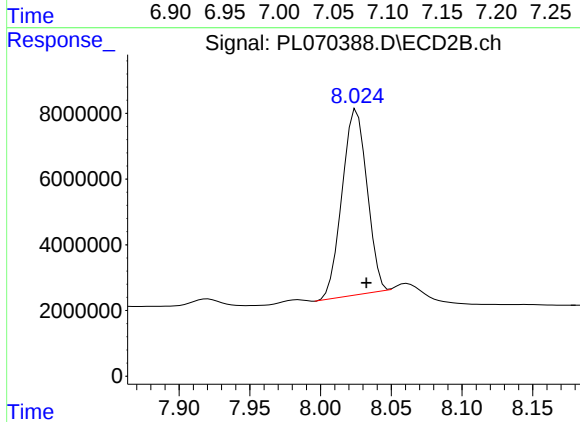
#7 delta-BHC

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 97621106
Conc: 50.43 ng/ml



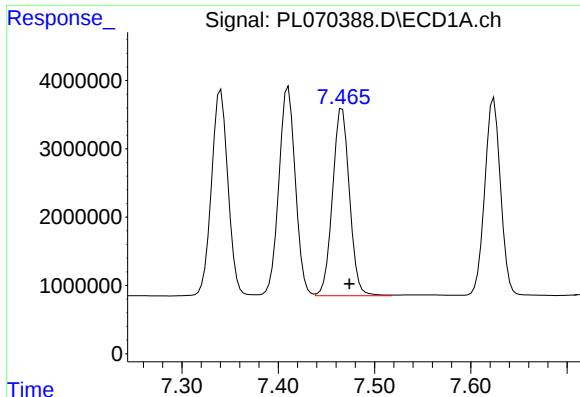
#8 Heptachlor epoxide

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 34974426
Conc: 49.88 ng/ml



#8 Heptachlor epoxide

R.T.: 8.026 min
Delta R.T.: -0.007 min
Response: 69342323
Conc: 44.74 ng/ml



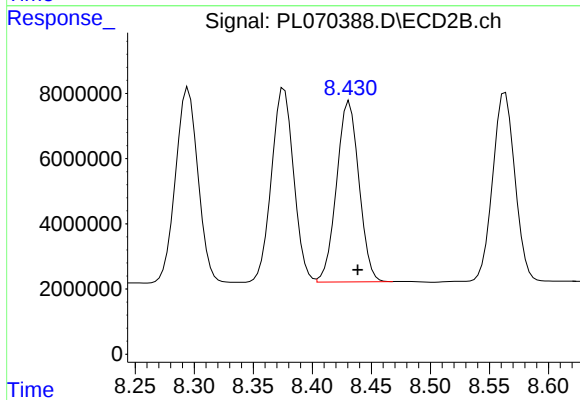
#9 Endosulfan I

R.T.: 7.466 min
Delta R.T.: -0.007 min
Response: 33645905
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

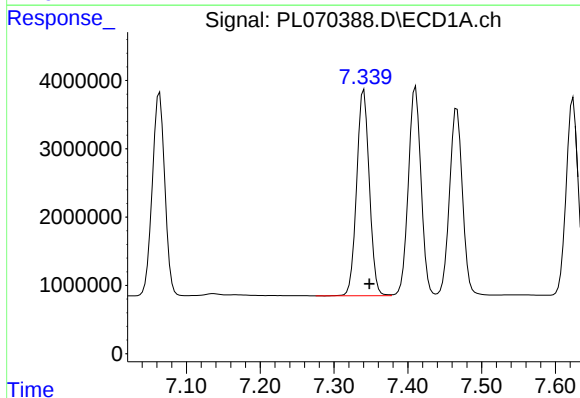
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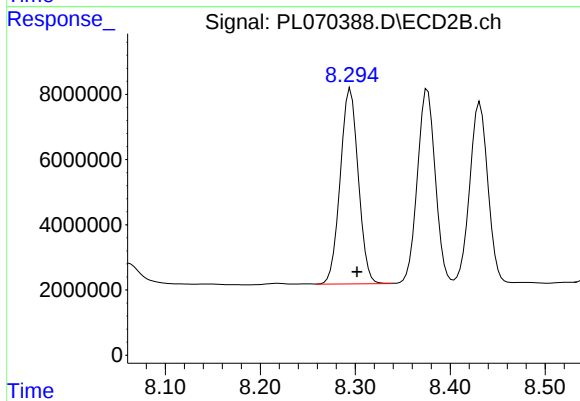
#9 Endosulfan I

R.T.: 8.431 min
Delta R.T.: -0.007 min
Response: 73122670
Conc: 49.70 ng/ml



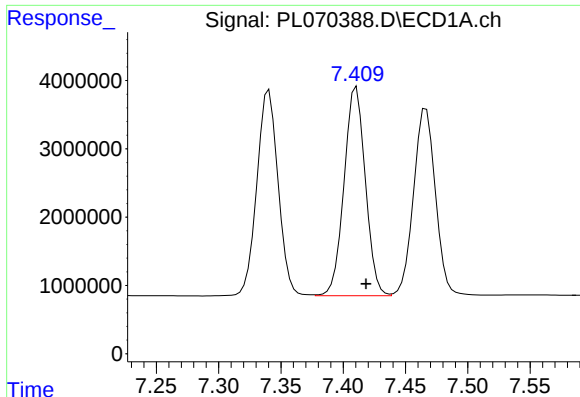
#10 gamma-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 35959896
Conc: 49.65 ng/ml



#10 gamma-Chlordane

R.T.: 8.295 min
Delta R.T.: -0.007 min
Response: 79388496
Conc: 49.63 ng/ml



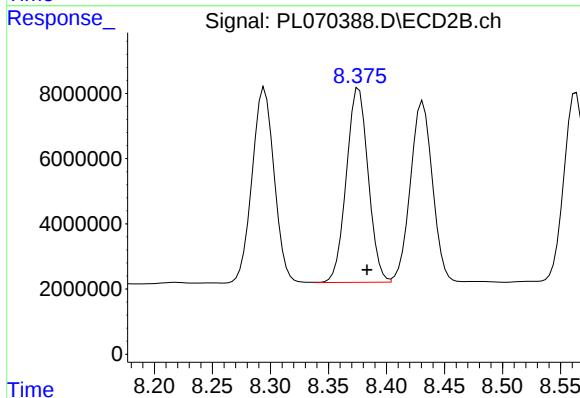
#11 alpha-Chlordane

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 36509209
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

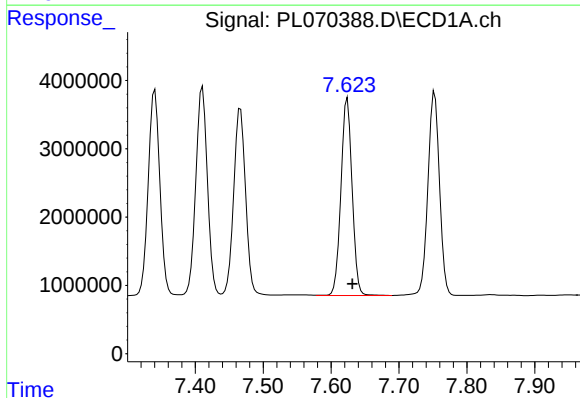
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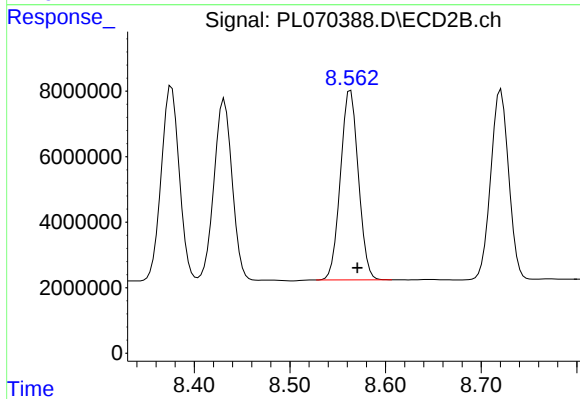
#11 alpha-Chlordane

R.T.: 8.376 min
Delta R.T.: -0.007 min
Response: 78052016
Conc: 49.49 ng/ml



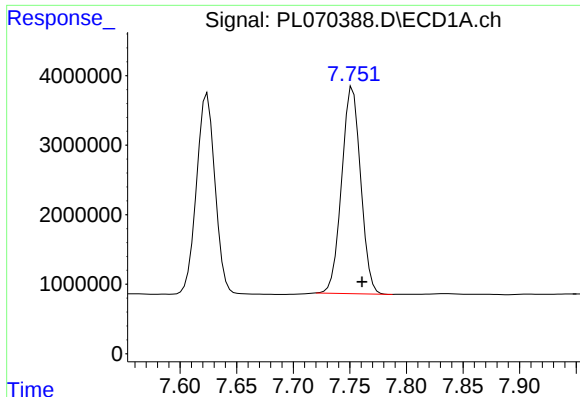
#12 4,4'-DDE

R.T.: 7.624 min
Delta R.T.: -0.007 min
Response: 33138752
Conc: 52.07 ng/ml



#12 4,4'-DDE

R.T.: 8.563 min
Delta R.T.: -0.007 min
Response: 75624539
Conc: 48.83 ng/ml



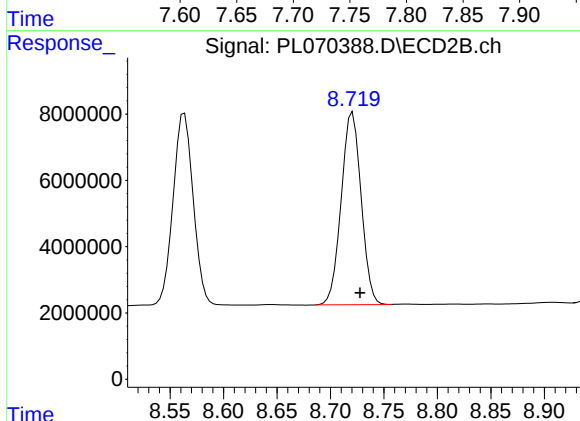
#13 Dieldrin

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 34737039
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

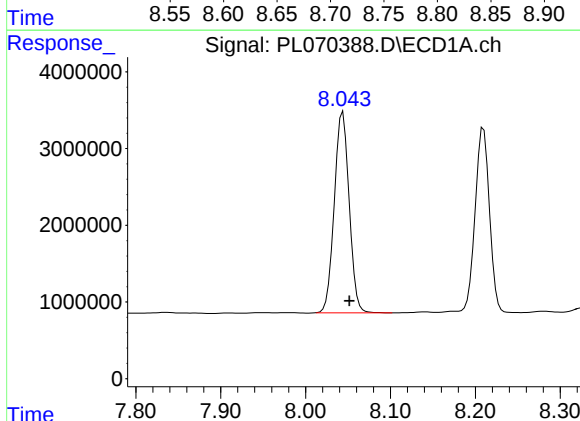
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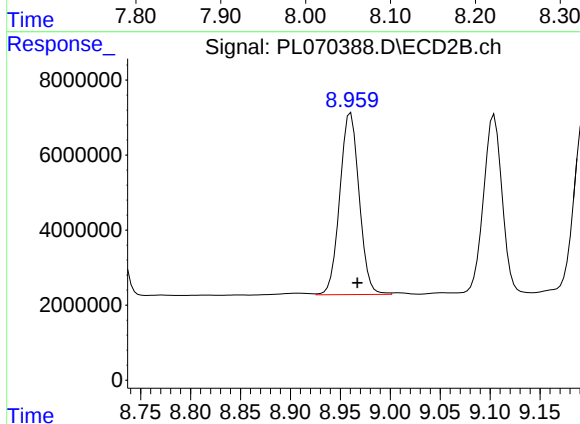
#13 Dieldrin

R.T.: 8.721 min
Delta R.T.: -0.007 min
Response: 75420595
Conc: 49.41 ng/ml



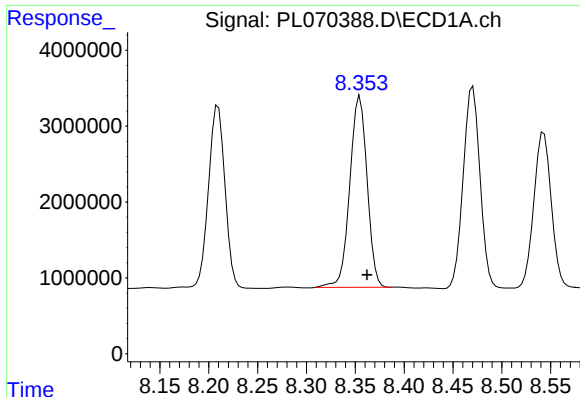
#14 Endrin

R.T.: 8.044 min
Delta R.T.: -0.008 min
Response: 31876396
Conc: 50.44 ng/ml



#14 Endrin

R.T.: 8.960 min
Delta R.T.: -0.007 min
Response: 65331267
Conc: 52.01 ng/ml



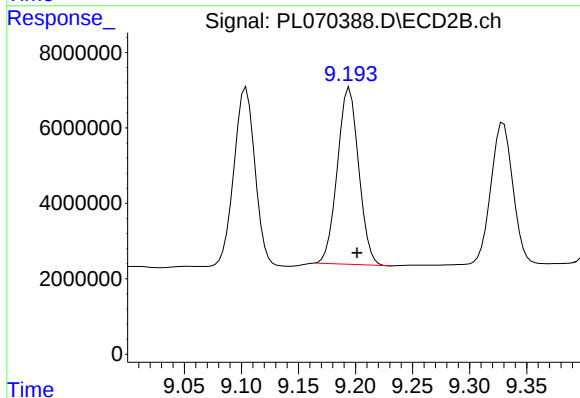
#15 Endosulfan II

R.T.: 8.355 min
Delta R.T.: -0.007 min
Response: 31088980
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

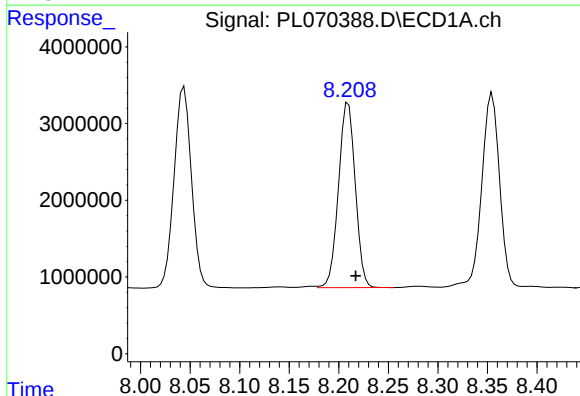
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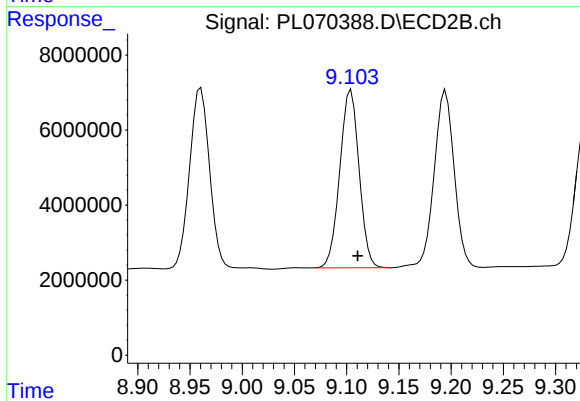
#15 Endosulfan II

R.T.: 9.195 min
Delta R.T.: -0.007 min
Response: 60965220
Conc: 51.02 ng/ml



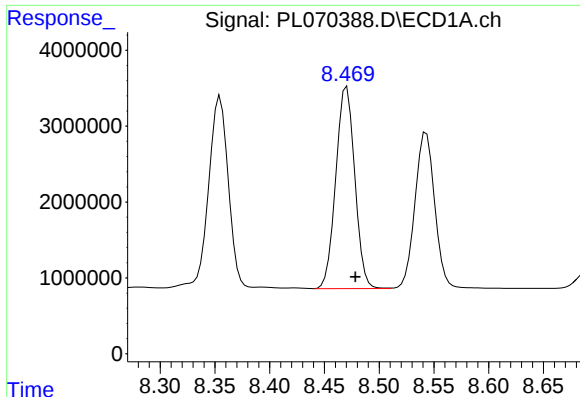
#16 4,4'-DDD

R.T.: 8.210 min
Delta R.T.: -0.008 min
Response: 28392651
Conc: 50.62 ng/ml



#16 4,4'-DDD

R.T.: 9.104 min
Delta R.T.: -0.006 min
Response: 60842578
Conc: 51.51 ng/ml



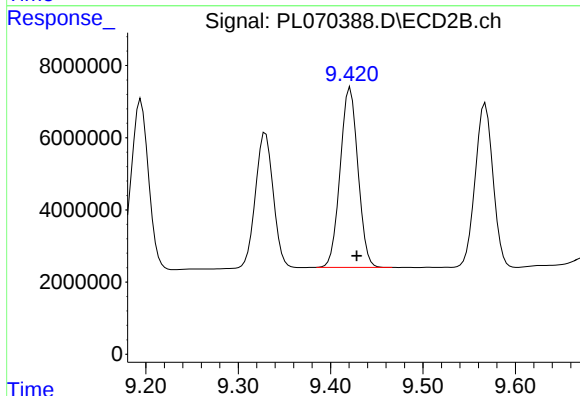
#17 4,4'-DDT

R.T.: 8.470 min
Delta R.T.: -0.008 min
Response: 32038153
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

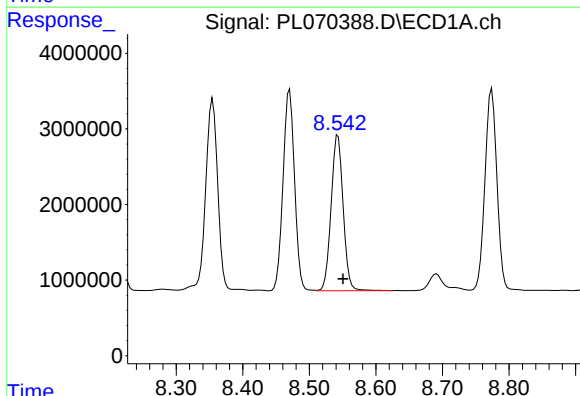
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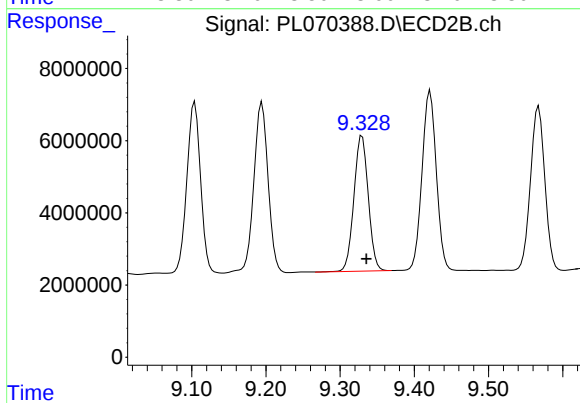
#17 4,4'-DDT

R.T.: 9.421 min
Delta R.T.: -0.007 min
Response: 66623273
Conc: 50.98 ng/ml



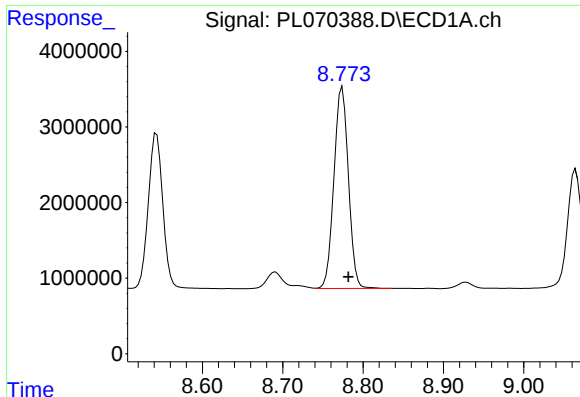
#18 Endrin aldehyde

R.T.: 8.543 min
Delta R.T.: -0.008 min
Response: 25876503
Conc: 52.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.330 min
Delta R.T.: -0.006 min
Response: 50384018
Conc: 52.24 ng/ml



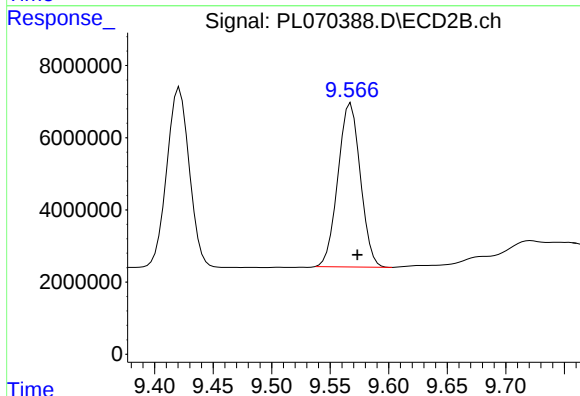
#19 Endosulfan Sulfate

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 33358823
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

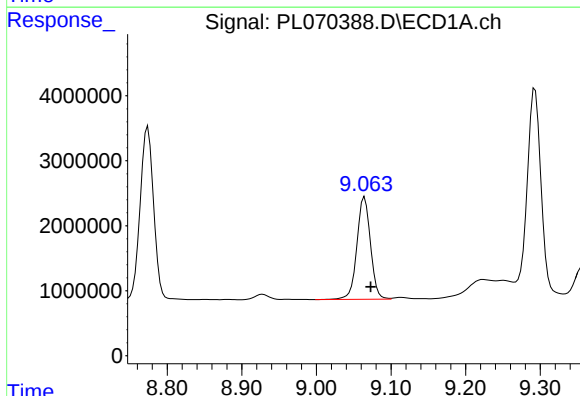
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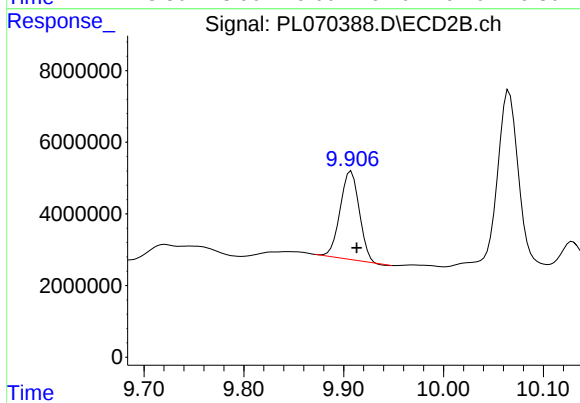
#19 Endosulfan Sulfate

R.T.: 9.568 min
Delta R.T.: -0.006 min
Response: 60480148
Conc: 49.42 ng/ml



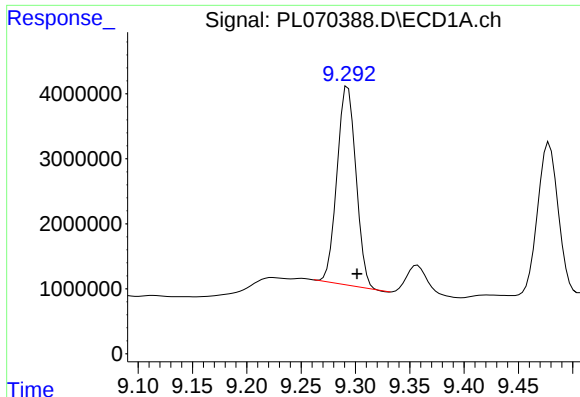
#20 Methoxychlor

R.T.: 9.065 min
Delta R.T.: -0.008 min
Response: 19937599
Conc: 53.39 ng/ml



#20 Methoxychlor

R.T.: 9.908 min
Delta R.T.: -0.005 min
Response: 32306186
Conc: 49.92 ng/ml



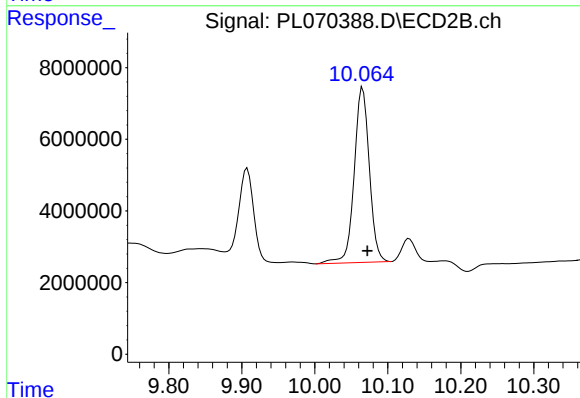
#21 Endrin ketone

R.T.: 9.293 min
Delta R.T.: -0.008 min
Response: 37297762
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

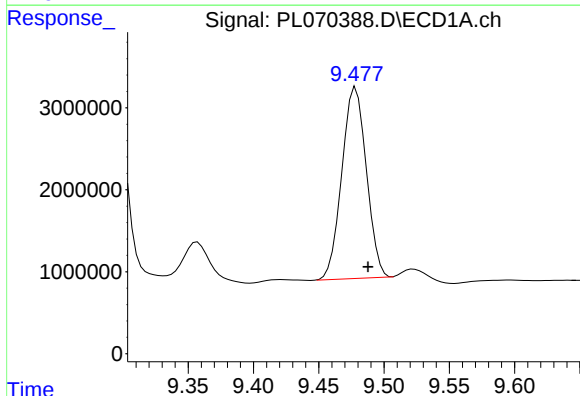
Manual Integrations
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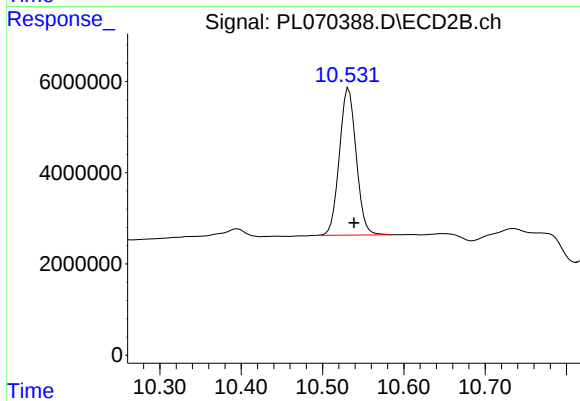
#21 Endrin ketone

R.T.: 10.066 min
Delta R.T.: -0.006 min
Response: 70473636
Conc: 52.68 ng/ml



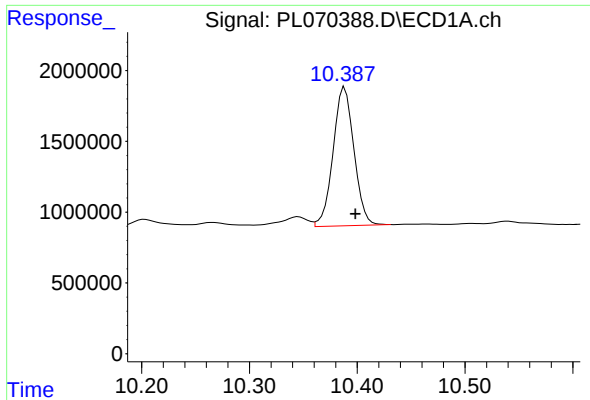
#22 Mirex

R.T.: 9.478 min
Delta R.T.: -0.009 min
Response: 30492231
Conc: 46.23 ng/ml



#22 Mirex

R.T.: 10.532 min
Delta R.T.: -0.007 min
Response: 46178129
Conc: 46.88 ng/ml



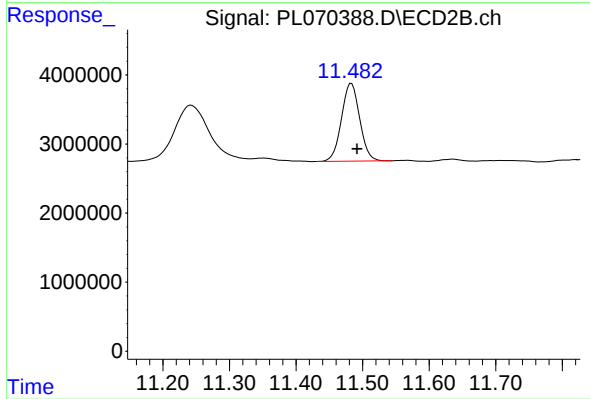
#28 Decachlorobiphenyl

R.T.: 10.388 min
Delta R.T.: -0.010 min
Response: 13150209
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-(D)MSD

Manual Integrations
APPROVED

mohammad
10/19/2021 2:55:36 PM



#28 Decachlorobiphenyl

R.T.: 11.483 min
Delta R.T.: -0.008 min
Response: 21425308
Conc: 17.70 ng/ml