

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111921\
 Data File : PL071069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2021 11:34
 Operator : AR\AJ
 Sample : M4691-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HP-627MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/22/2021
 Supervised By :Ankita Jodhani 11/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 08:53:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.572	5.504	9425608	66032780	19.244	52.371 #
2)	SA Decachlor...	10.329	11.387	3770374	6045989	5.518	4.521m
Target Compounds							
4)	MA Heptachlor	6.103	7.124	2949754	22834616	4.111m	14.058m#
5)	MB Aldrin	6.427	7.494	18309288	11812751	28.632	7.275m#
6)	B beta-BHC	6.080	6.731	12159966	13397710	37.434m	15.636 #
8)	B Heptachlo...	7.003	7.958	16035490	34146977	24.664m	22.404m
9)	A Endosulfan I	7.411	8.364	8789001	64017921	14.348m	44.500 #
10)	B gamma-Chl...	7.283	8.224	9692789	121.3E6	14.601	78.373m#
11)	B alpha-Chl...	7.360	8.310	94879565	27484656	142.384	18.070 #
12)	B 4,4'-DDE	7.568	8.501	19830154	30275870	34.036	20.519m#
13)	MA Dieldrin	7.691	8.658	9913621	40603752	15.882m	27.866 #
14)	MA Endrin	7.982	8.893	6988437	16111497	12.326m	13.910
15)	B Endosulfa...	8.292	9.126	10069650	14805698	16.635	12.122m#
16)	A 4,4'-DDD	8.150	9.039	17401973	17067283	34.249	14.182 #
17)	MA 4,4'-DDT	8.409	9.356	6353099	7833257	11.552m	6.209 #
18)	B Endrin al...	8.483	9.261	2294674	37706458	5.051m	38.991m#
20)	A Methoxychlor	9.008	9.842	5888691	30285085	16.096	44.747 #
21)	B Endrin ke...	9.233	9.996	13772761	24889964	19.261	17.339
22)	Mirex	9.416	10.459	4094717	8684074	6.667m	8.337 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111921\
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 Operator : AR\AJ
 Sample : M4691-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

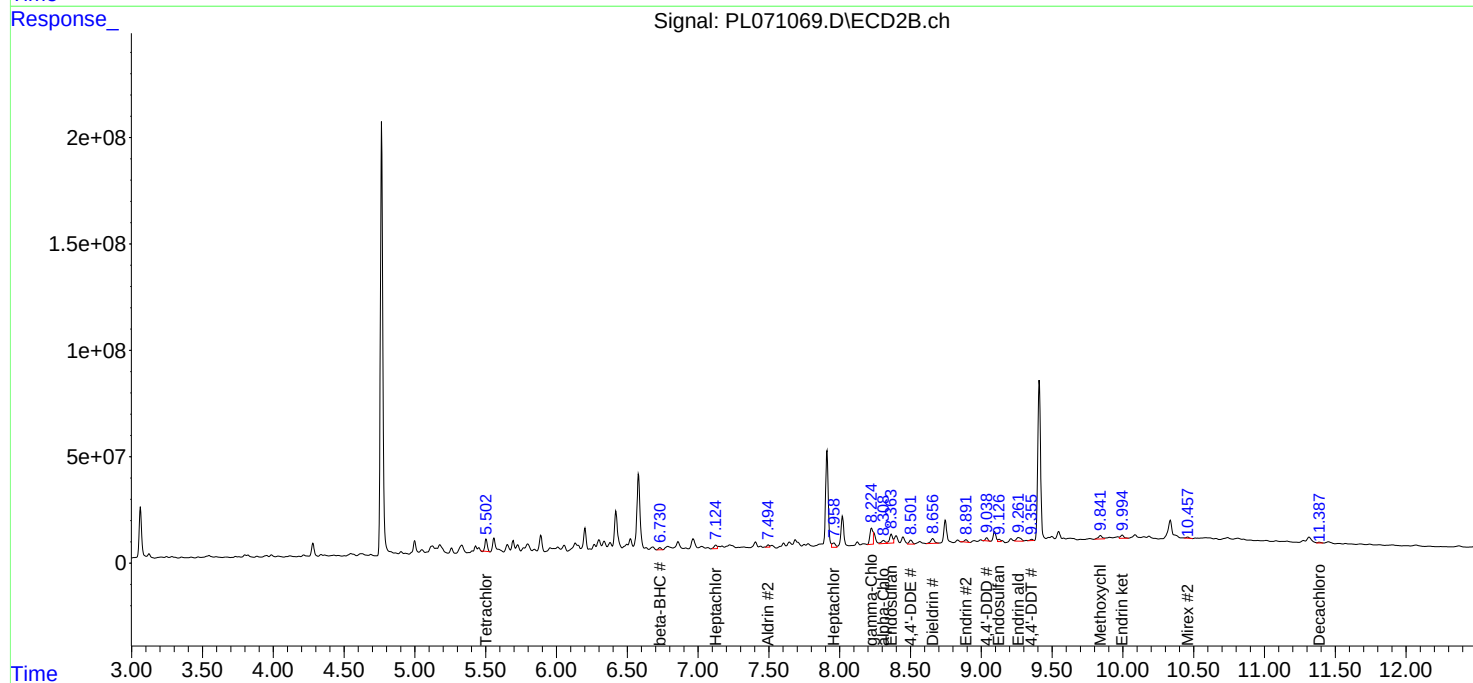
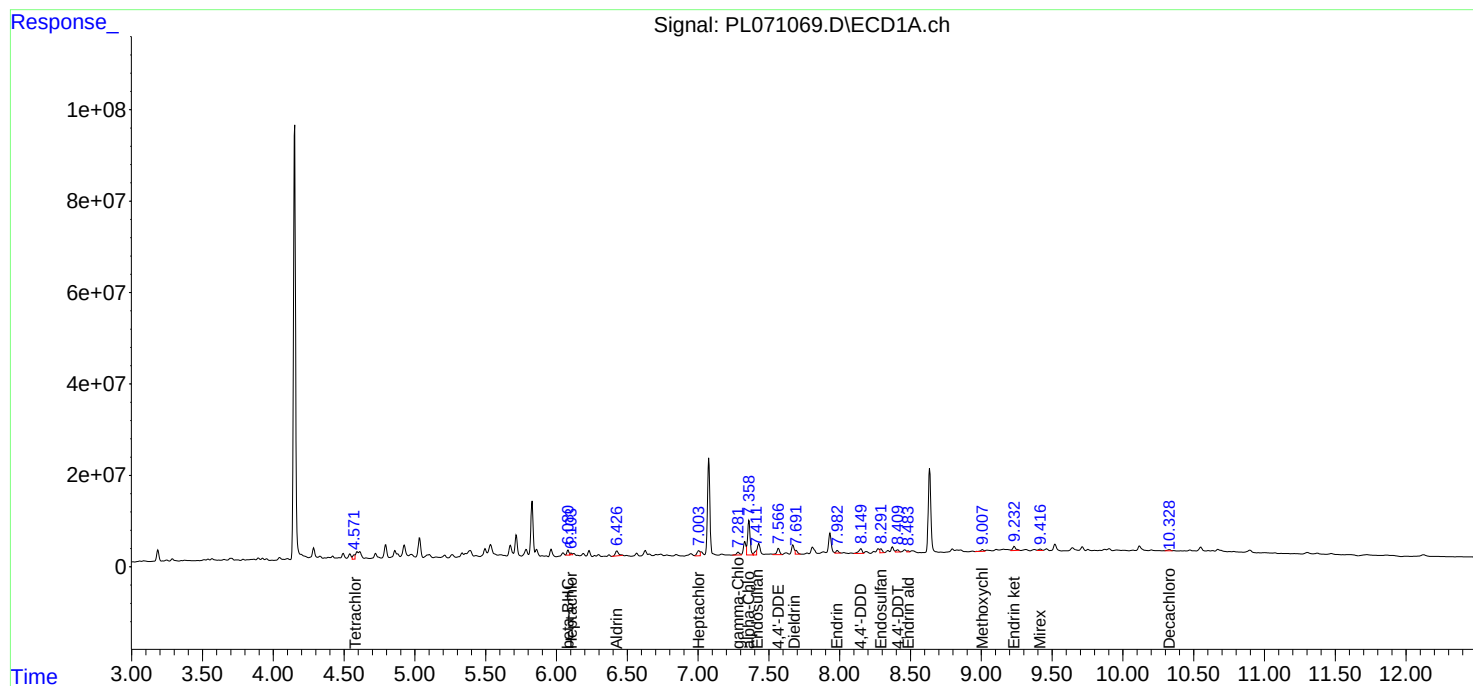
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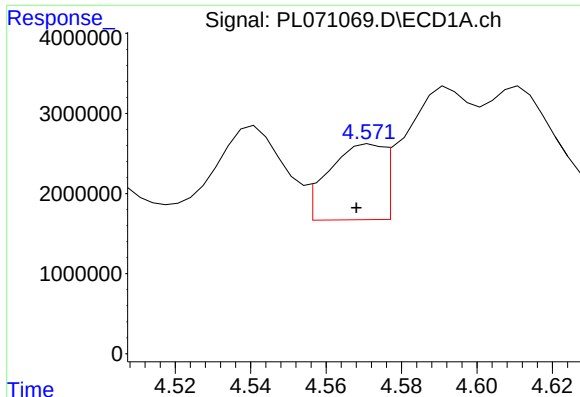
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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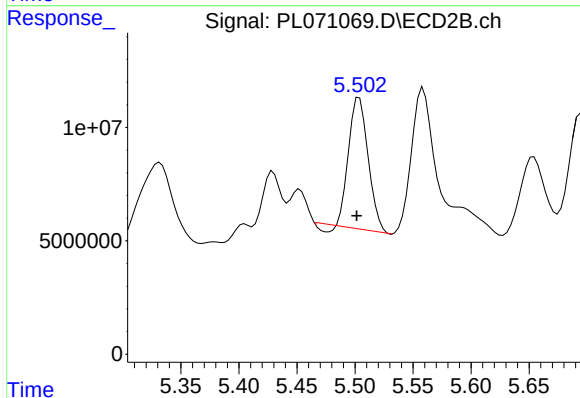
#1 Tetrachloro-m-xylene

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 9425608
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

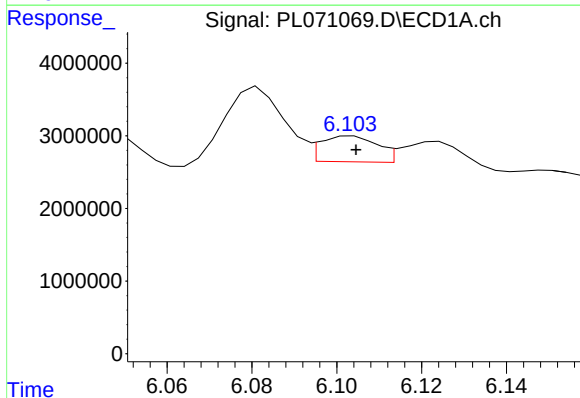
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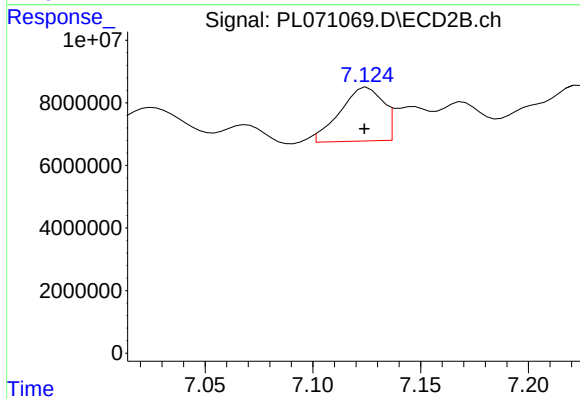
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 66032780
Conc: 52.37 ng/ml



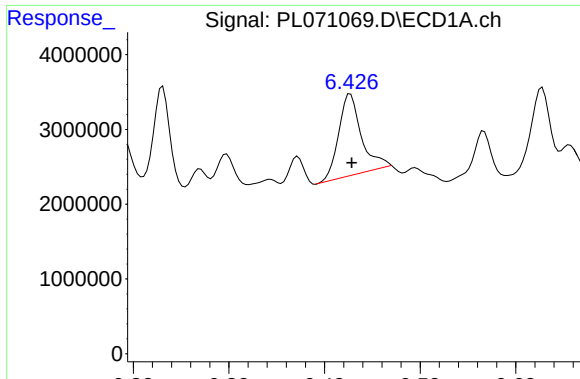
#4 Heptachlor

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 2949754
Conc: 4.11 ng/ml m



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 22834616
Conc: 14.06 ng/ml m



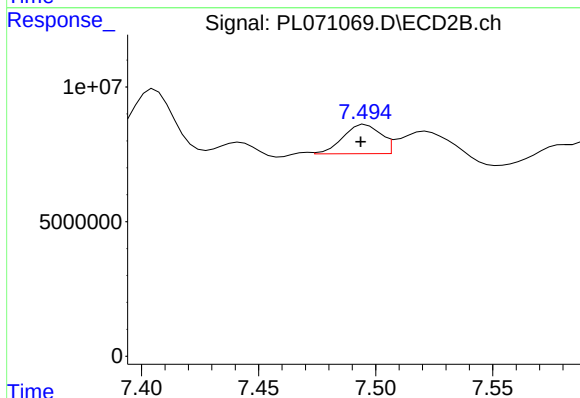
#5 Aldrin

R.T.: 6.427 min
Delta R.T.: -0.001 min
Response: 18309288
Conc: 28.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

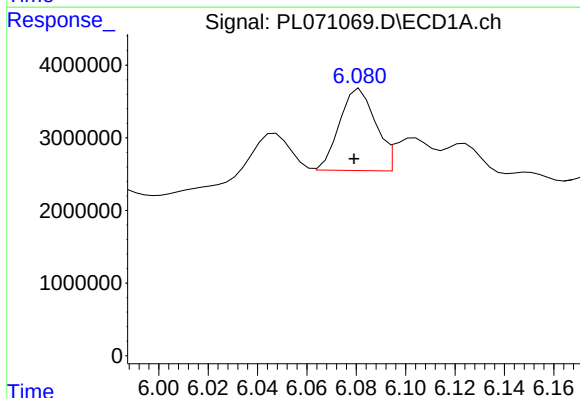
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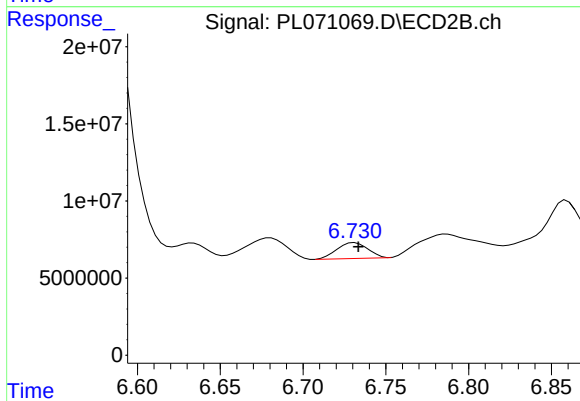
#5 Aldrin

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 11812751
Conc: 7.27 ng/ml m



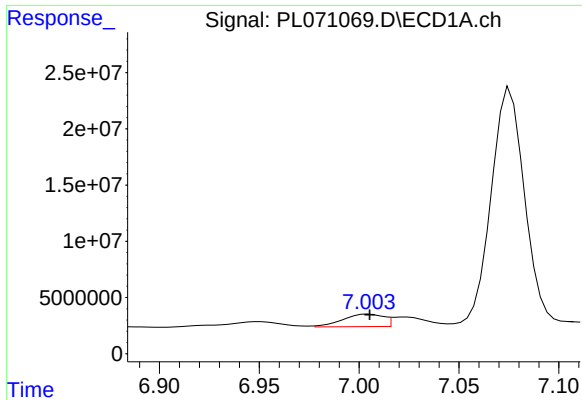
#6 beta-BHC

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 12159966
Conc: 37.43 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 13397710
Conc: 15.64 ng/ml



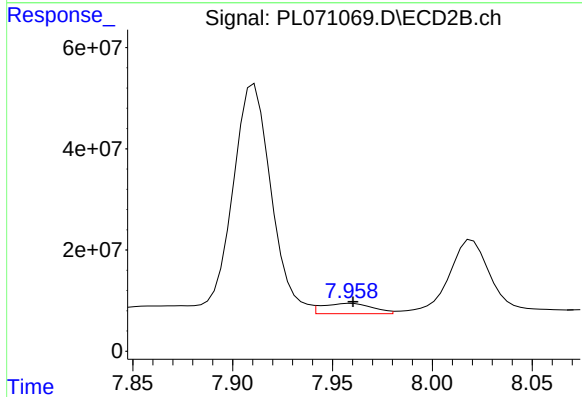
#8 Heptachlor epoxide

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 16035490
Conc: 24.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

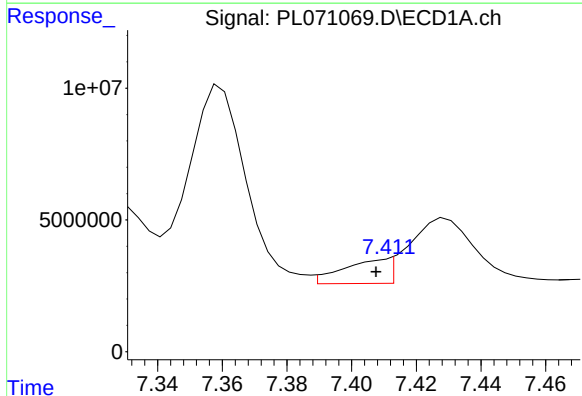
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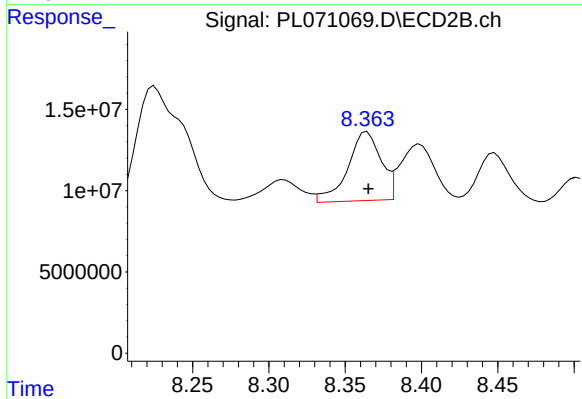
#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 34146977
Conc: 22.40 ng/ml m



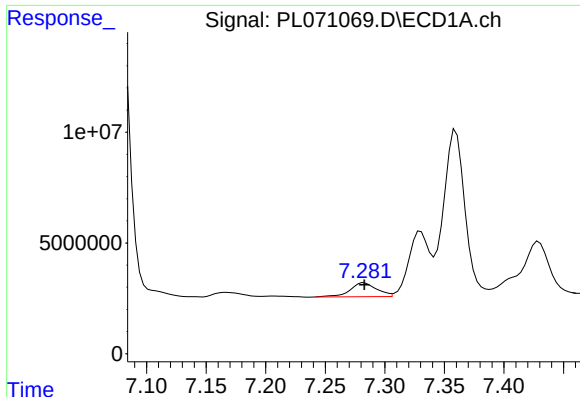
#9 Endosulfan I

R.T.: 7.411 min
Delta R.T.: 0.003 min
Response: 8789001
Conc: 14.35 ng/ml m



#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 64017921
Conc: 44.50 ng/ml



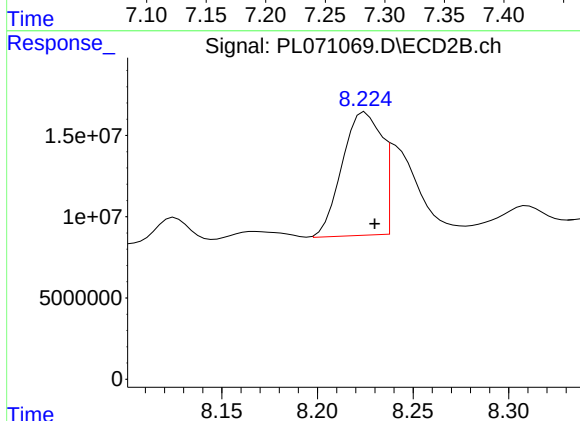
#10 gamma-Chlordane

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 9692789
Conc: 14.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

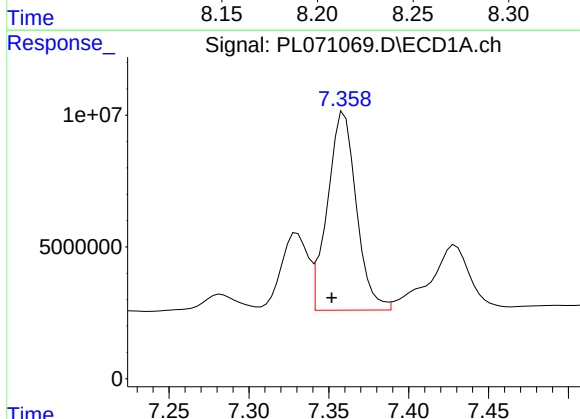
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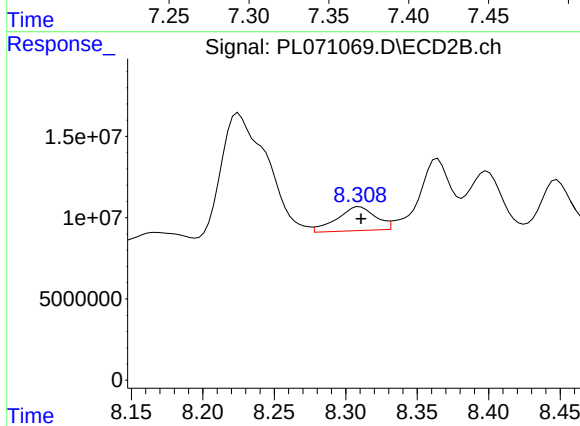
#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 121349663
Conc: 78.37 ng/ml m



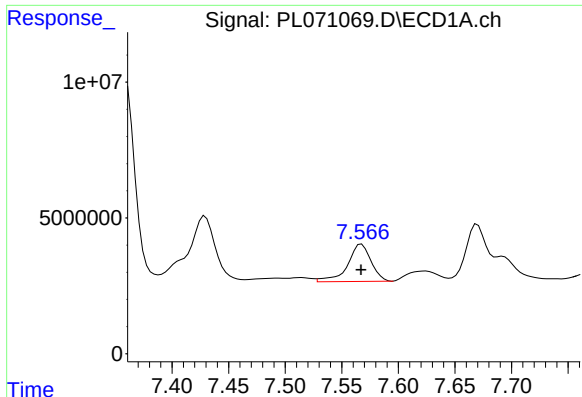
#11 alpha-Chlordane

R.T.: 7.360 min
Delta R.T.: 0.008 min
Response: 94879565
Conc: 142.38 ng/ml



#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 27484656
Conc: 18.07 ng/ml



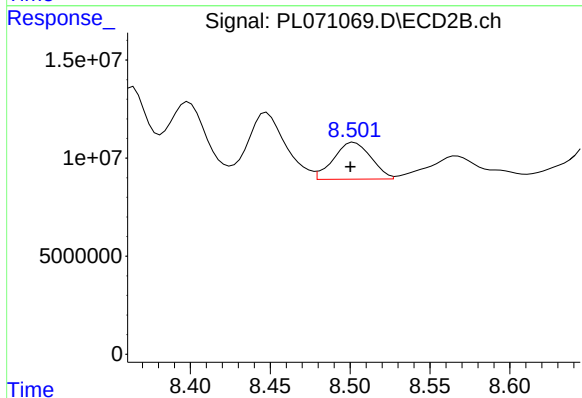
#12 4,4'-DDE

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 19830154
Conc: 34.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

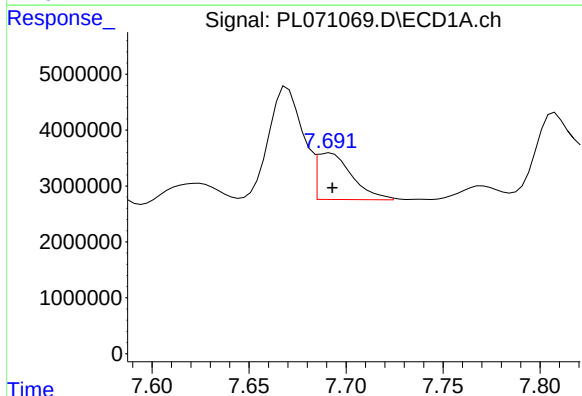
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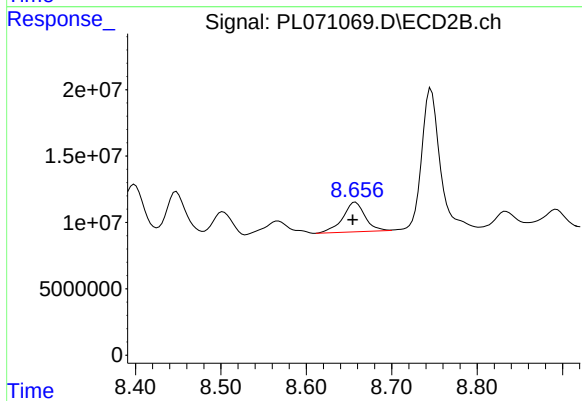
#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 30275870
Conc: 20.52 ng/ml m



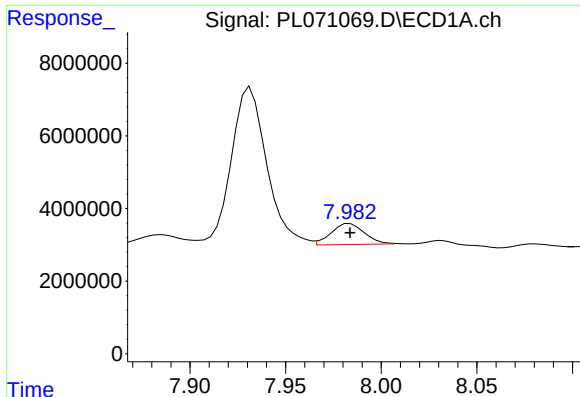
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 9913621
Conc: 15.88 ng/ml m



#13 Dieldrin

R.T.: 8.658 min
Delta R.T.: 0.003 min
Response: 40603752
Conc: 27.87 ng/ml



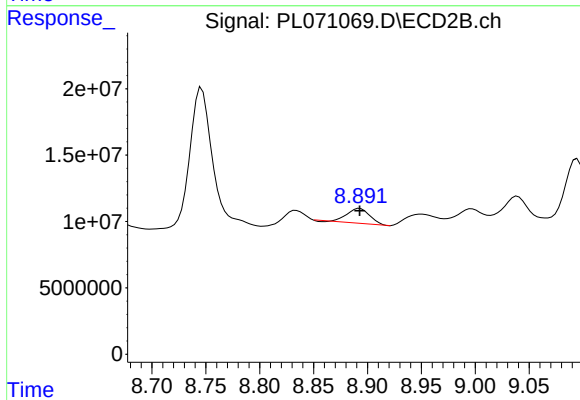
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 6988437
Conc: 12.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

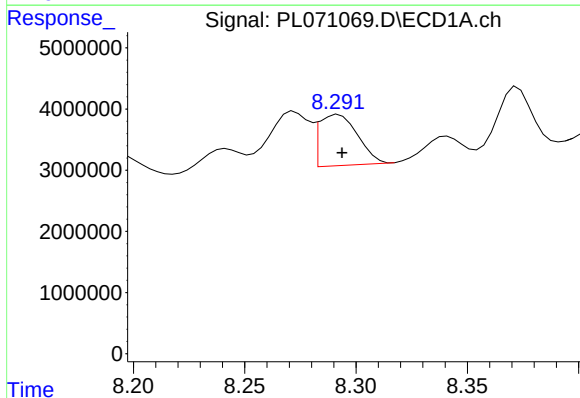
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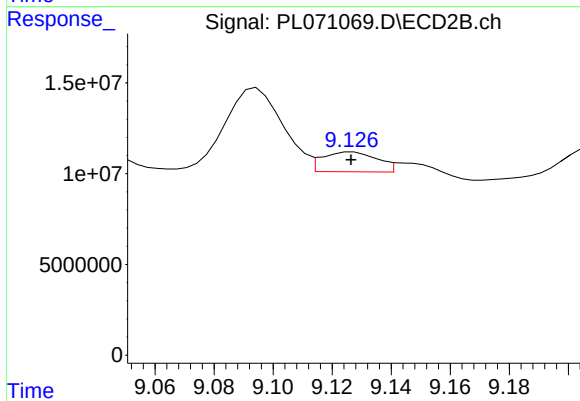
#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 16111497
Conc: 13.91 ng/ml



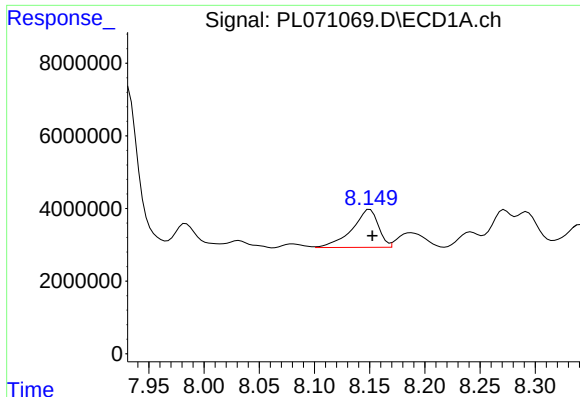
#15 Endosulfan II

R.T.: 8.292 min
Delta R.T.: -0.002 min
Response: 10069650
Conc: 16.63 ng/ml



#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: 0.000 min
Response: 14805698
Conc: 12.12 ng/ml m



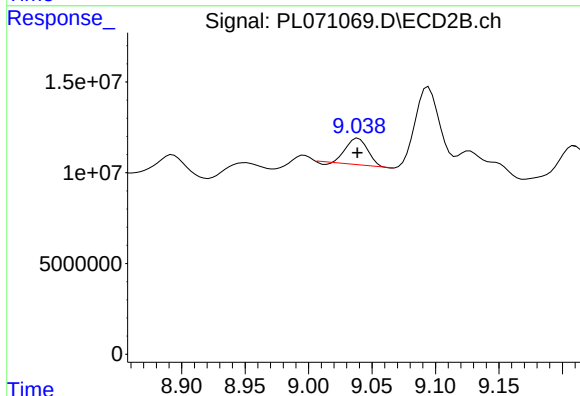
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 17401973
Conc: 34.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

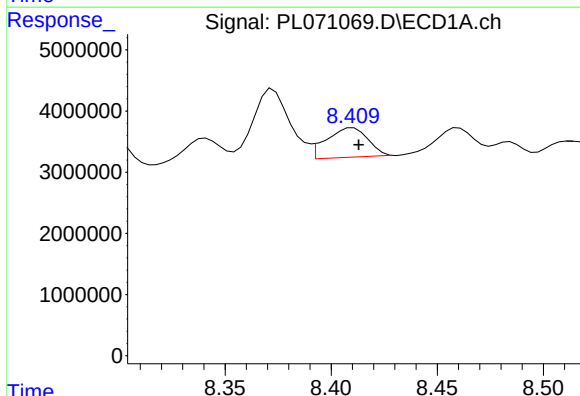
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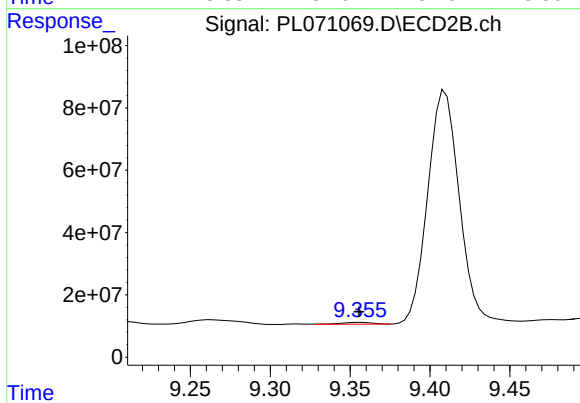
#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 17067283
Conc: 14.18 ng/ml



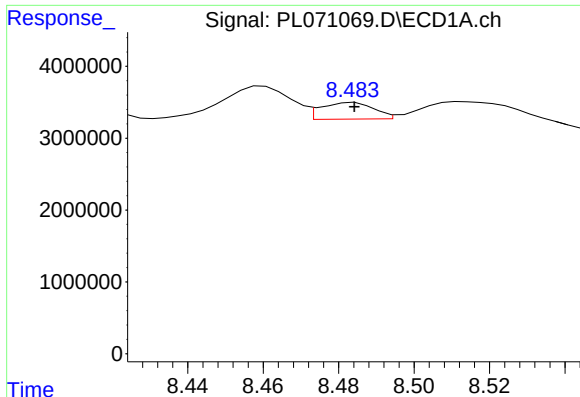
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: -0.004 min
Response: 6353099
Conc: 11.55 ng/ml m



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 7833257
Conc: 6.21 ng/ml



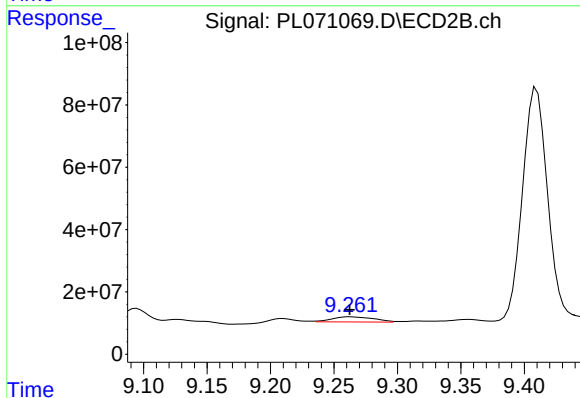
#18 Endrin aldehyde

R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 2294674
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
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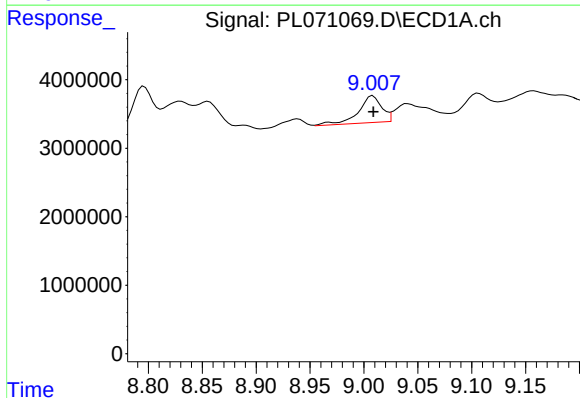
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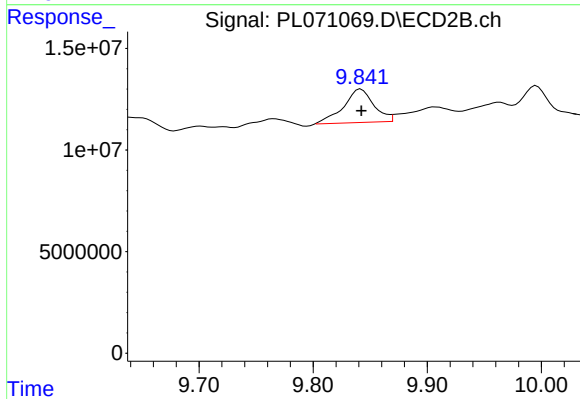
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 37706458
Conc: 38.99 ng/ml m



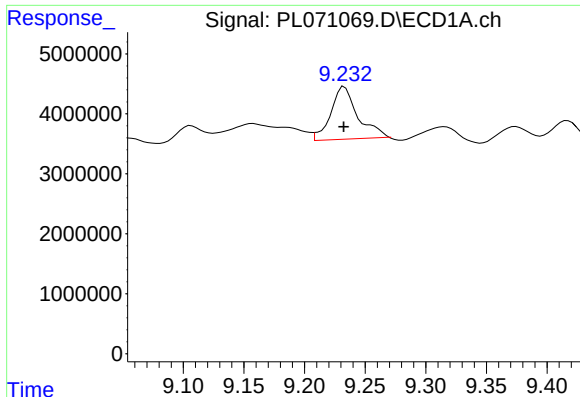
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 5888691
Conc: 16.10 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 30285085
Conc: 44.75 ng/ml



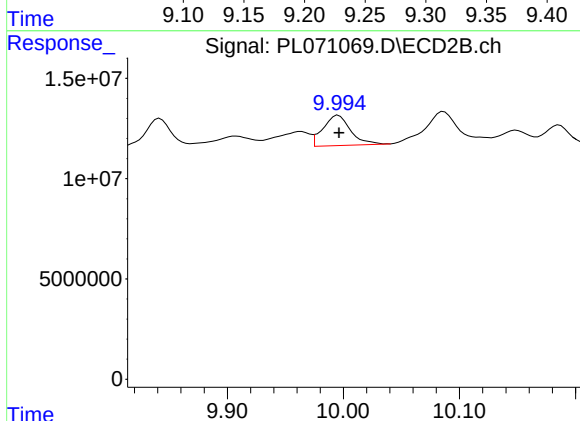
#21 Endrin ketone

R.T.: 9.233 min
Delta R.T.: 0.000 min
Response: 13772761
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
HP-627MS

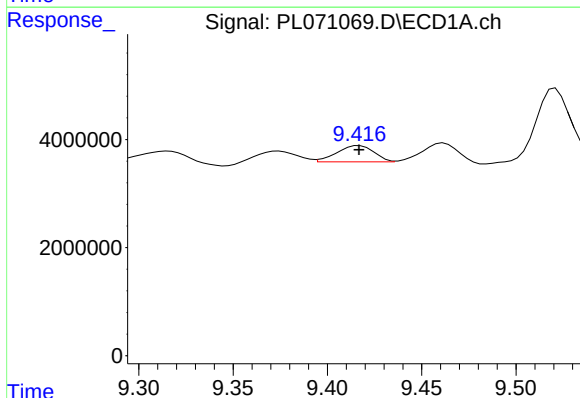
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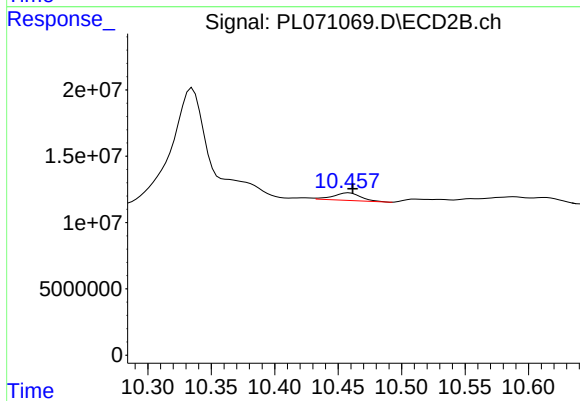
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 24889964
Conc: 17.34 ng/ml



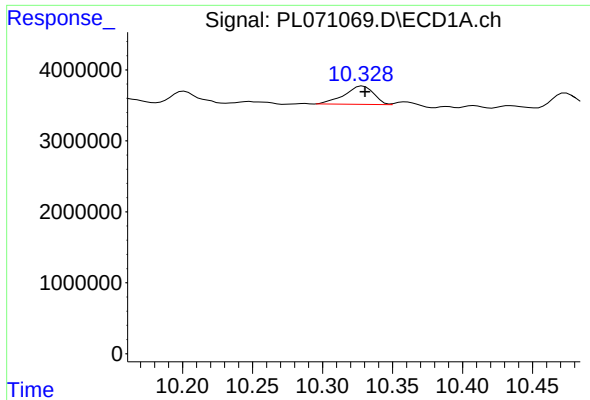
#22 Mirex

R.T.: 9.416 min
Delta R.T.: -0.001 min
Response: 4094717
Conc: 6.67 ng/ml m



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 8684074
Conc: 8.34 ng/ml



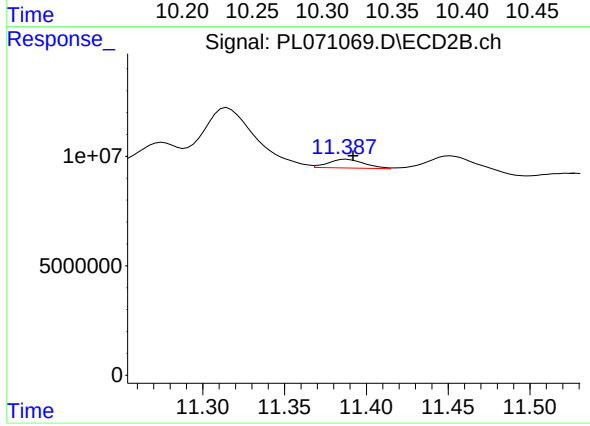
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 3770374
Conc: 5.52 ng/ml

Instrument :
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ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: -0.005 min
Response: 6045989
Conc: 4.52 ng/ml m