

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083021\
 Data File : PL069603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 04:08
 Operator : AR\AJ
 Sample : M3569-02MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-2MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 04:53:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:49:30 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...	4.633	5.569	6877326	25864776	22.091	20.559
2)	SA Decachlor...	10.401	11.492	10945711	27684389	18.560	24.533 #
Target Compounds							
2)	A alpha-BHC	5.340	6.149	24015052	94349580	57.721	54.147
3)	MA gamma-BHC...	5.763	6.544	27156106	88120200	62.107	54.243m
4)	MA Heptachlor	6.173	7.195	26516587	82389413	54.248	51.732
5)	MB Aldrin	6.498	7.567	24892540	75091283	54.821	51.165
6)	B beta-BHC	6.143	6.799	12994298	40592355	54.146	46.717
7)	B delta-BHC	6.404	7.067	23491381	77982887	51.191	48.738
8)	B Heptachlo...	7.074	8.033	25518853	66590347	52.795	49.289
9)	A Endosulfan I	7.476	8.439	24722680	62037719	52.289m	48.257
10)	B gamma-Chl...	7.352	8.301	27343023	69595773	53.300	50.108m
11)	B alpha-Chl...	7.421	8.383	27171643	65820557	52.288	48.099
12)	B 4,4'-DDE	7.635	8.570	24366970	53300110	54.061	40.237 #
13)	MA Dieldrin	7.764	8.728	27878216	61452476	56.371	46.528
14)	MA Endrin	8.055	8.967	26271300	57256963	55.053	51.372
15)	B Endosulfa...	8.365	9.201	24493136	53508363	49.809	47.015
16)	A 4,4'-DDD	8.220	9.110	21482876	54155938	53.217	49.789
17)	MA 4,4'-DDT	8.482	9.428	23352054	50350350	50.245	46.199
18)	B Endrin al...	8.553	9.336	21537495	45416144	50.336	46.757
19)	B Endosulfa...	8.784	9.573	25583492	50913493	48.355	46.124
20)	A Methoxychlor	9.075	9.913	15185085	28287501	49.273m	48.900
21)	B Endrin ke...	9.303	10.072	27750868	55721839	46.223	46.915
22)	Mirex	9.489	10.539	24716365	43832854	45.469m	48.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083021\
 Data File : PL069603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2021 04:08
 Operator : AR\AJ
 Sample : M3569-02MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

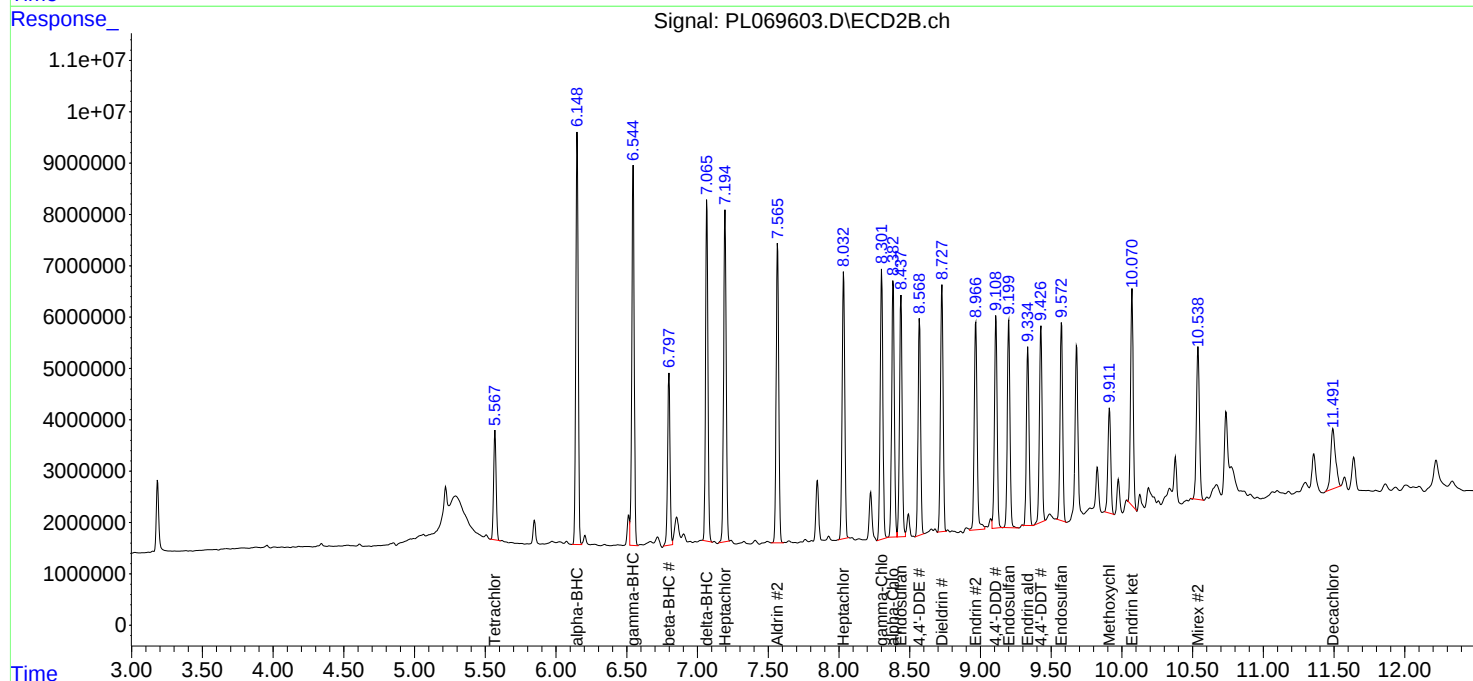
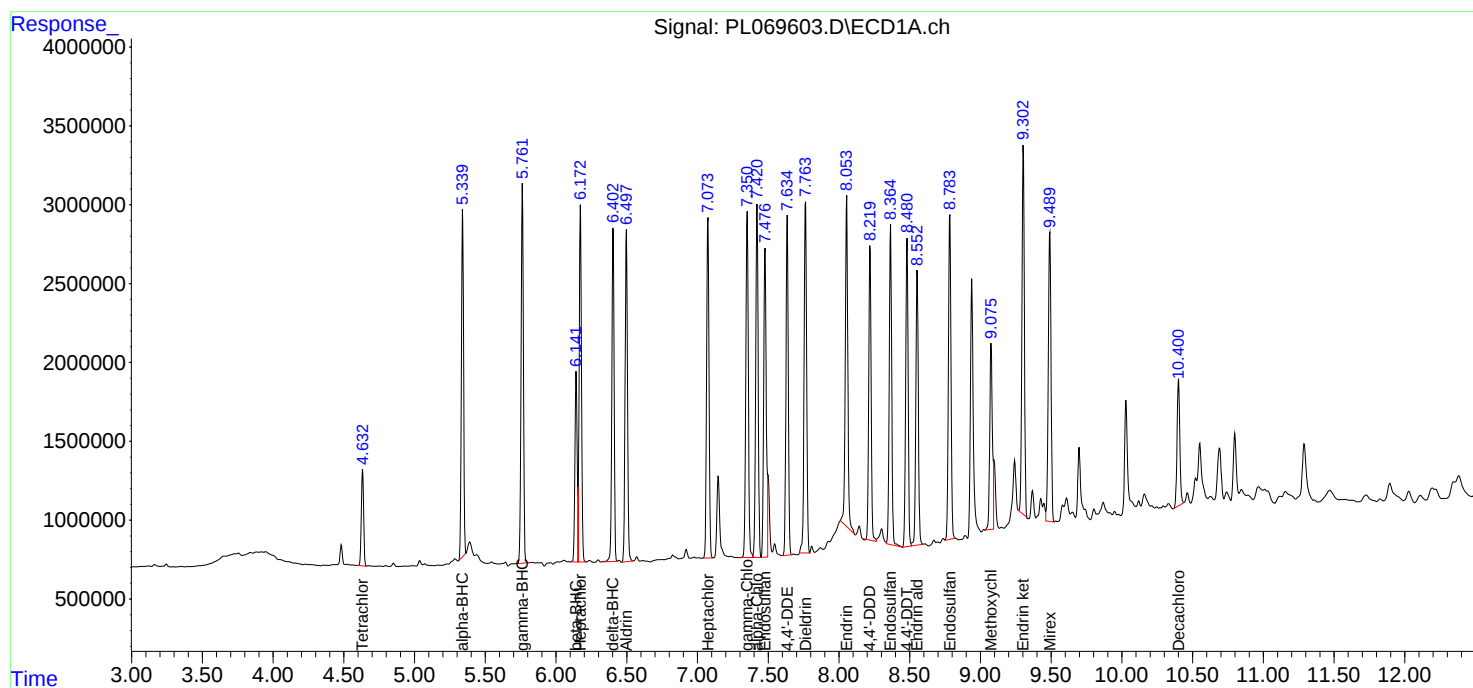
Instrument :
 ECD_L
 ClientSampleId :
 S-2MSD

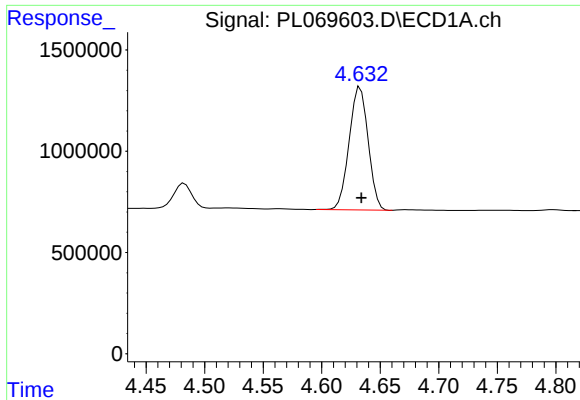
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 04:53:44 2021
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





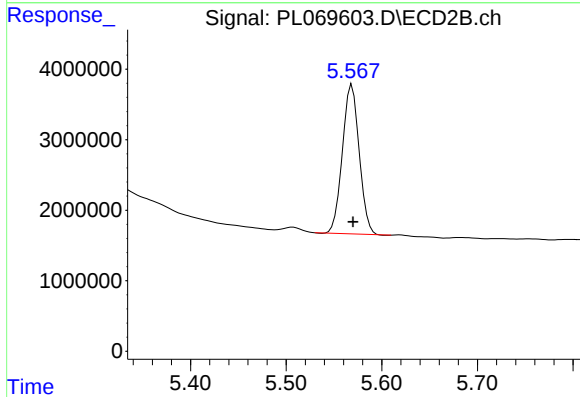
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.001 min
Response: 6877326
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

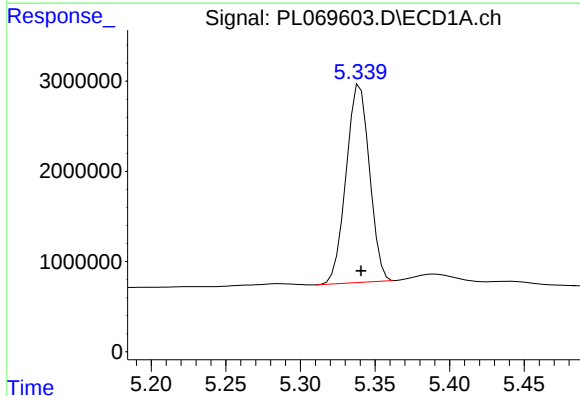
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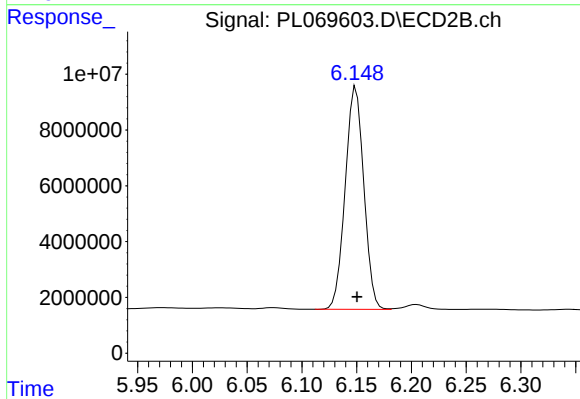
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 25864776
Conc: 20.56 ng/ml



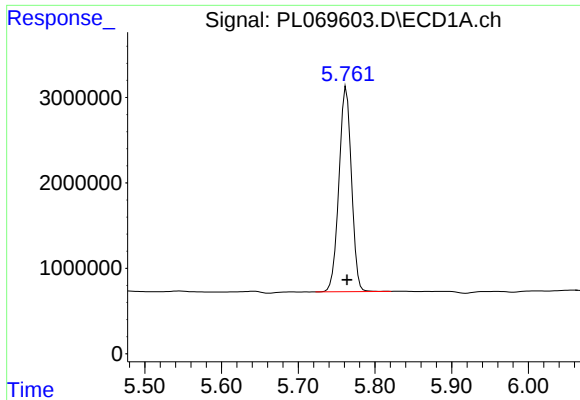
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 24015052
Conc: 57.72 ng/ml



#2 alpha-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 94349580
Conc: 54.15 ng/ml



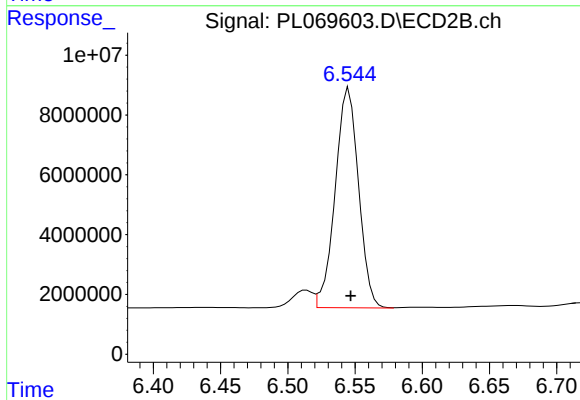
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 27156106
Conc: 62.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

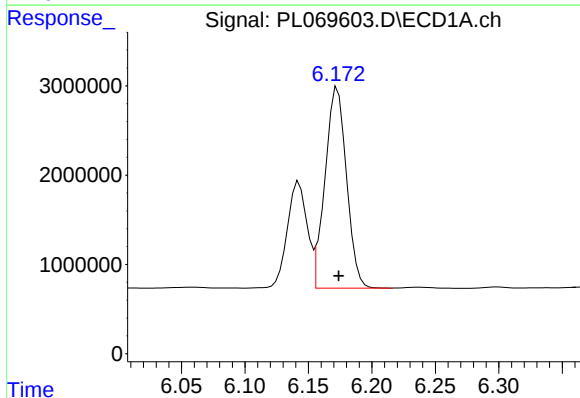
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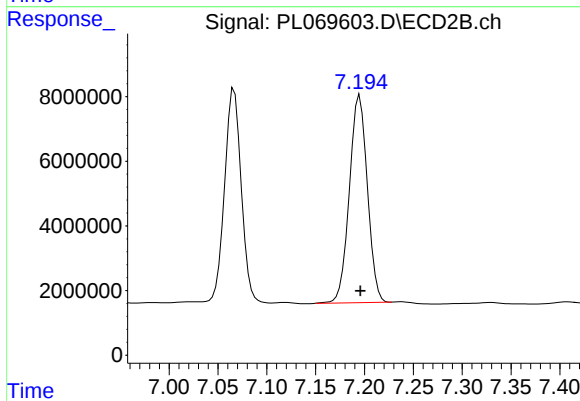
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 88120200
Conc: 54.24 ng/ml m



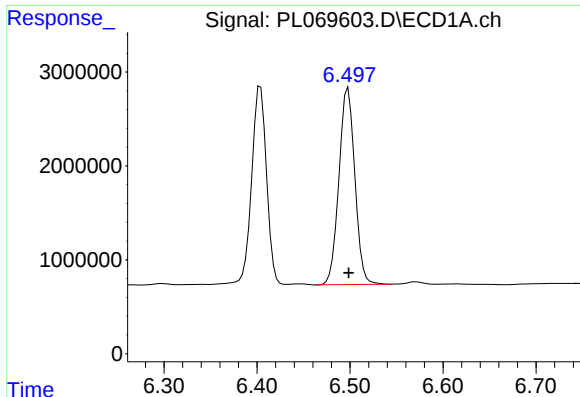
#4 Heptachlor

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 26516587
Conc: 54.25 ng/ml



#4 Heptachlor

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 82389413
Conc: 51.73 ng/ml



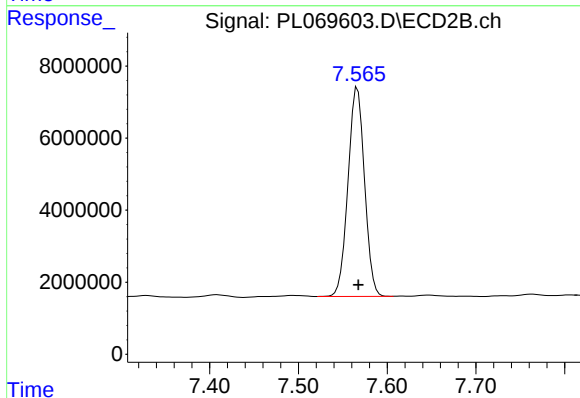
#5 Aldrin

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 24892540
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

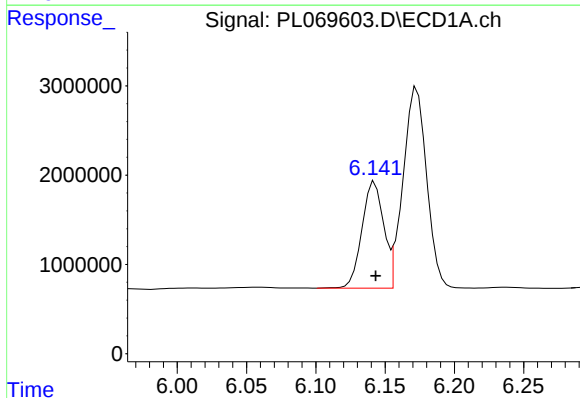
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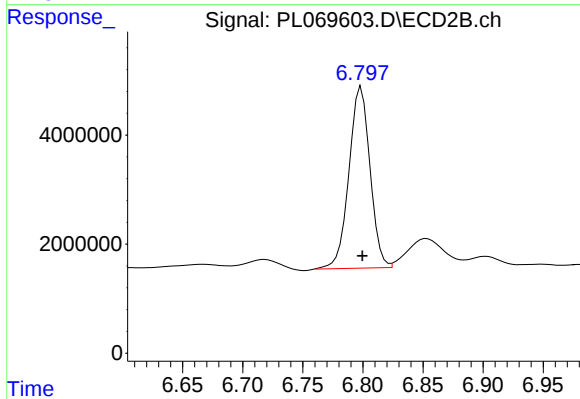
#5 Aldrin

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 75091283
Conc: 51.16 ng/ml



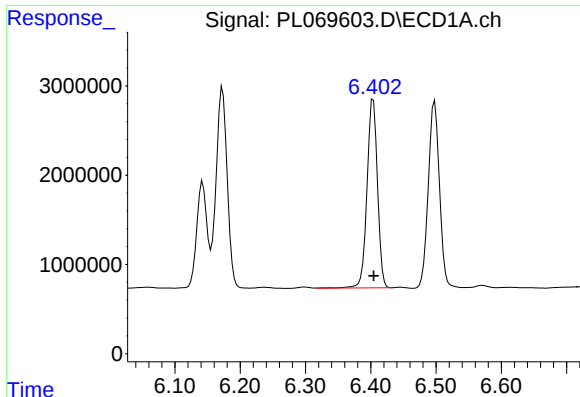
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 12994298
Conc: 54.15 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 40592355
Conc: 46.72 ng/ml



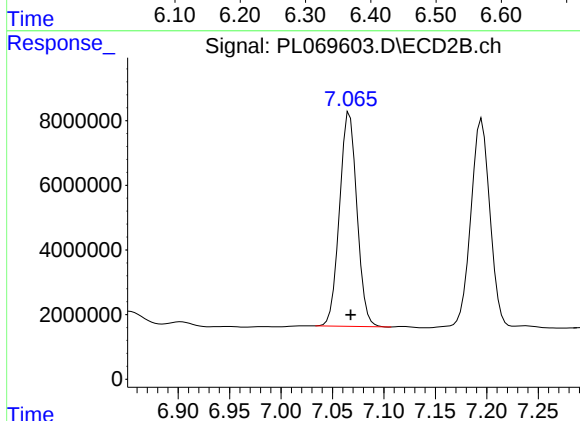
#7 delta-BHC

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 23491381
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

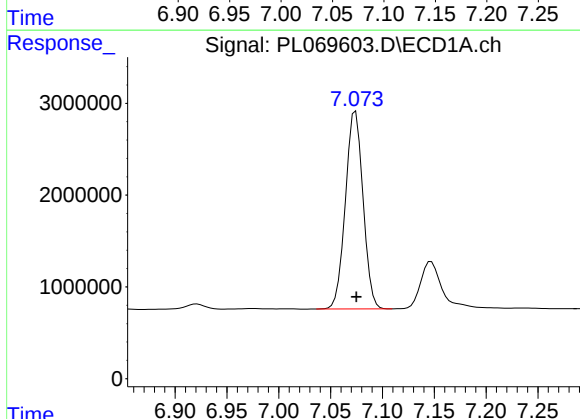
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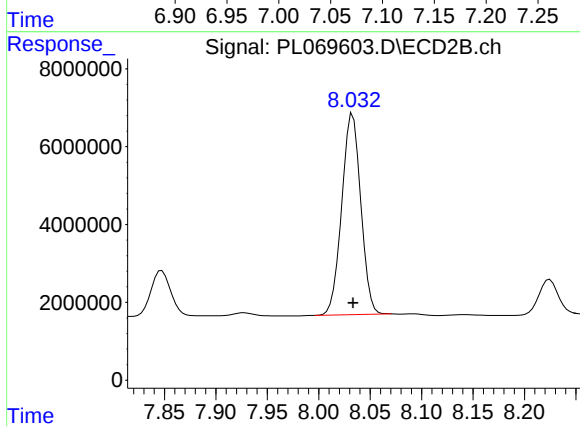
#7 delta-BHC

R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 77982887
Conc: 48.74 ng/ml



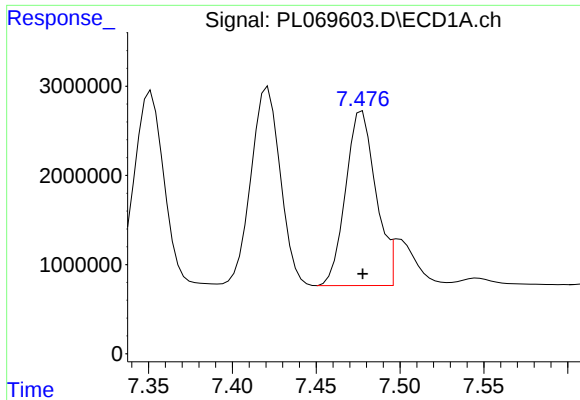
#8 Heptachlor epoxide

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 25518853
Conc: 52.79 ng/ml



#8 Heptachlor epoxide

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 66590347
Conc: 49.29 ng/ml



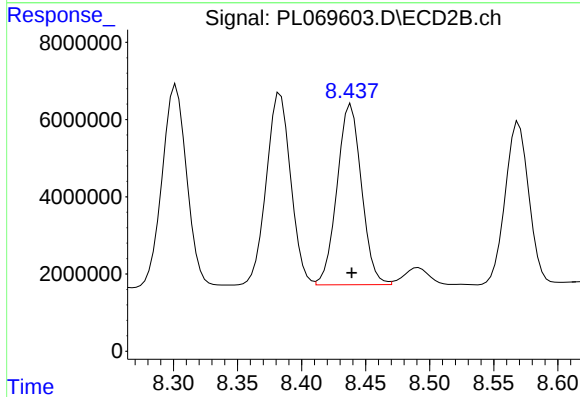
#9 Endosulfan I

R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 24722680
Conc: 52.29 ng/ml m

Instrument :
ECD_L
ClientSampleId :
S-2MSD

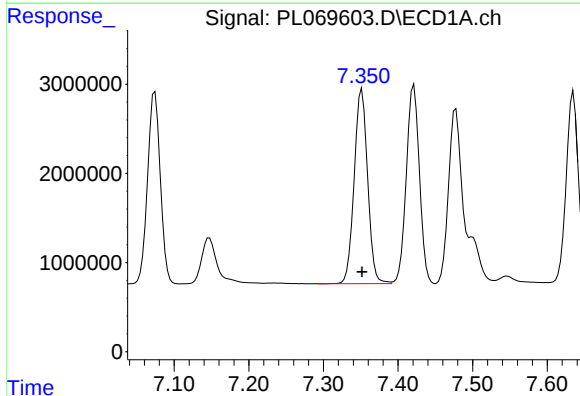
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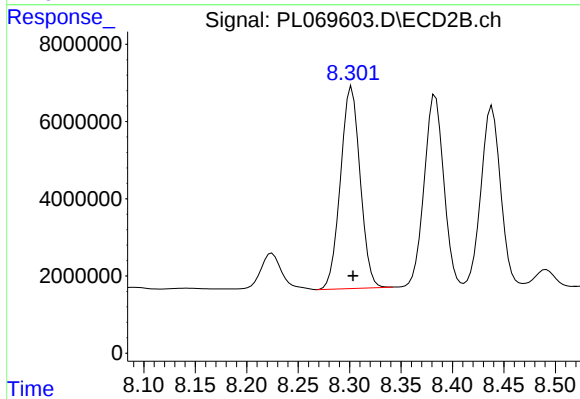
#9 Endosulfan I

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 62037719
Conc: 48.26 ng/ml



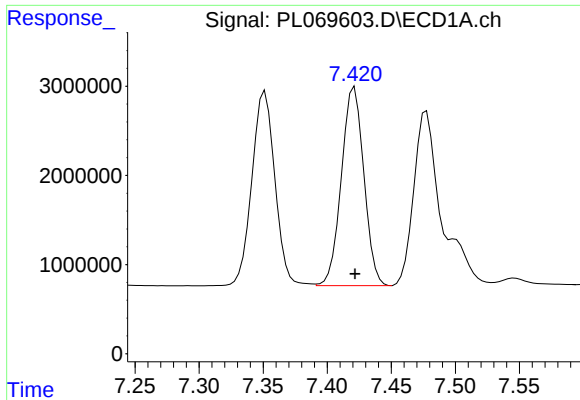
#10 gamma-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 27343023
Conc: 53.30 ng/ml



#10 gamma-Chlordane

R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 69595773
Conc: 50.11 ng/ml m



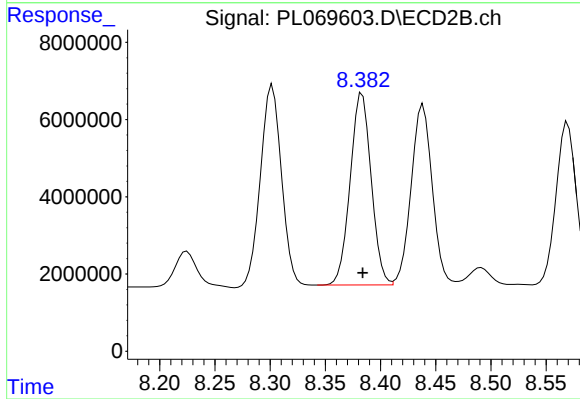
#11 alpha-Chlordane

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 27171643
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

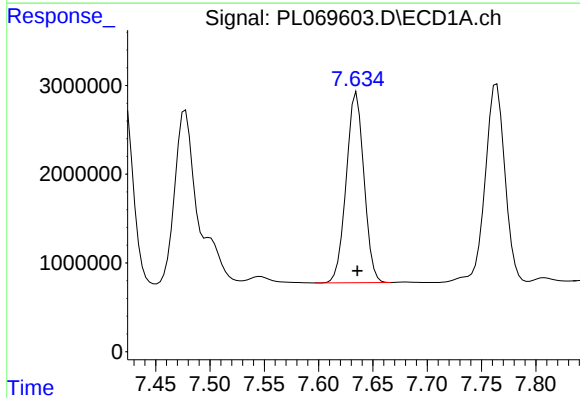
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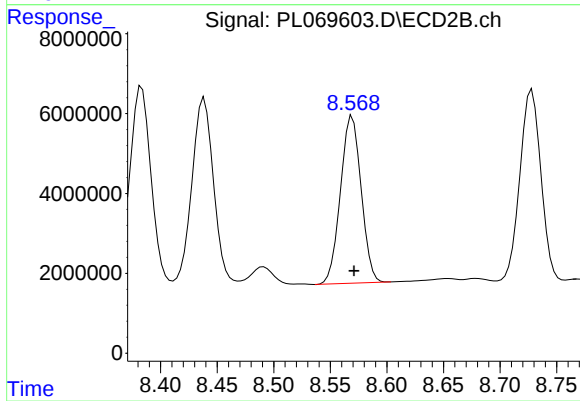
#11 alpha-Chlordane

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 65820557
Conc: 48.10 ng/ml



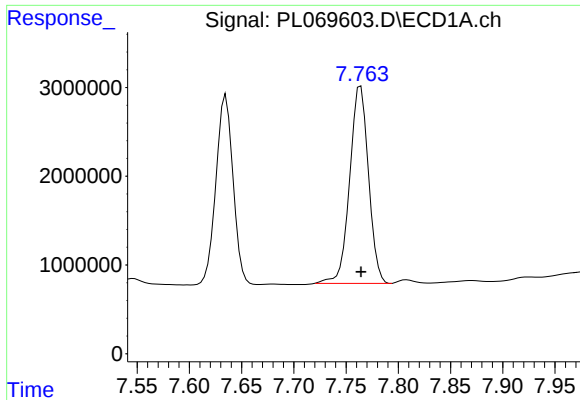
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 24366970
Conc: 54.06 ng/ml



#12 4,4'-DDE

R.T.: 8.570 min
Delta R.T.: -0.002 min
Response: 53300110
Conc: 40.24 ng/ml



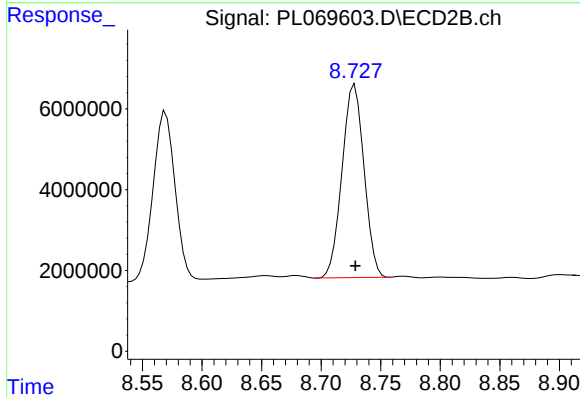
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 27878216
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

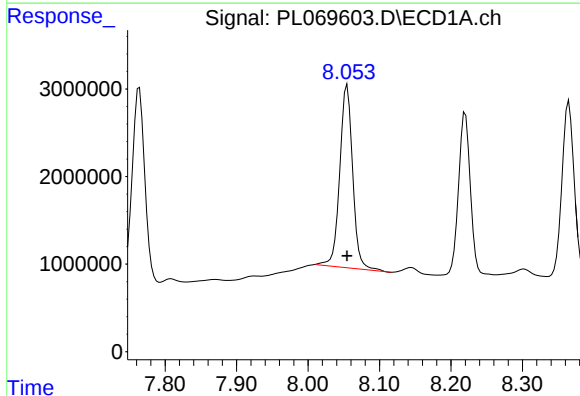
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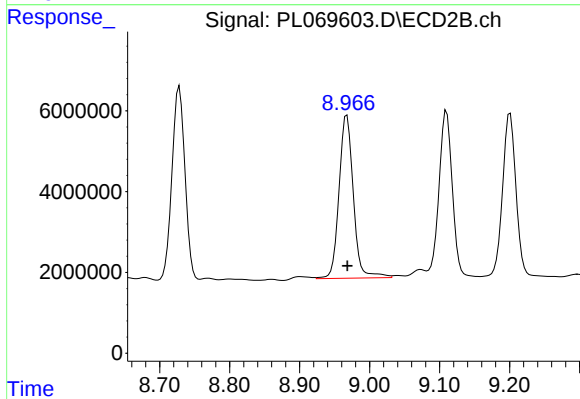
#13 Dieldrin

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 61452476
Conc: 46.53 ng/ml



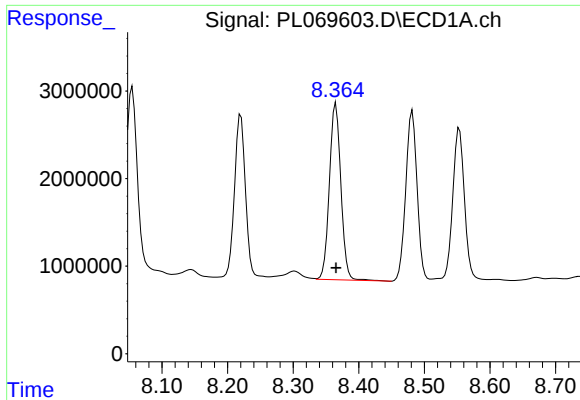
#14 Endrin

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 26271300
Conc: 55.05 ng/ml



#14 Endrin

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 57256963
Conc: 51.37 ng/ml



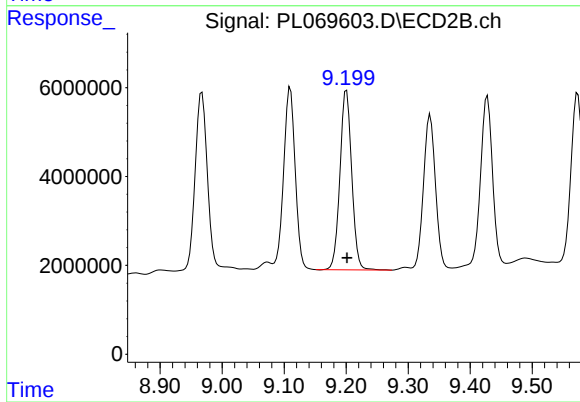
#15 Endosulfan II

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 24493136
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

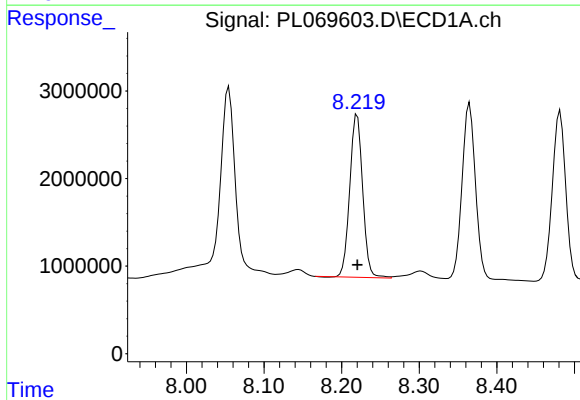
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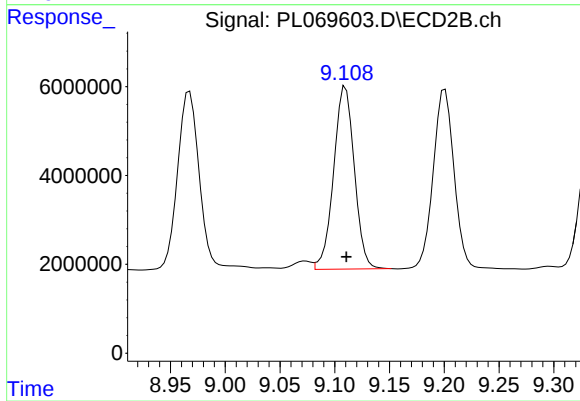
#15 Endosulfan II

R.T.: 9.201 min
Delta R.T.: -0.001 min
Response: 53508363
Conc: 47.01 ng/ml



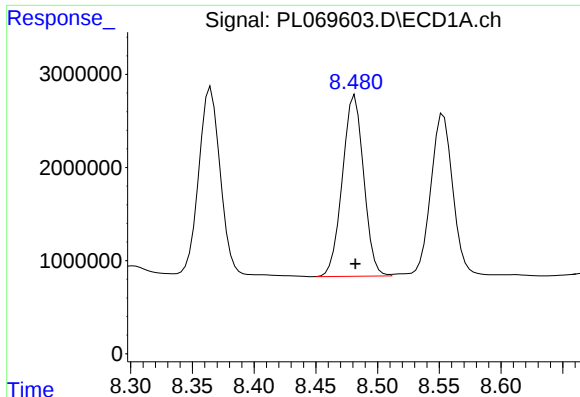
#16 4,4'-DDD

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 21482876
Conc: 53.22 ng/ml



#16 4,4'-DDD

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 54155938
Conc: 49.79 ng/ml



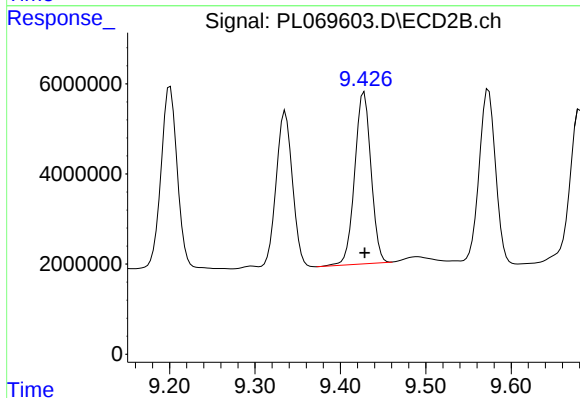
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 23352054
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

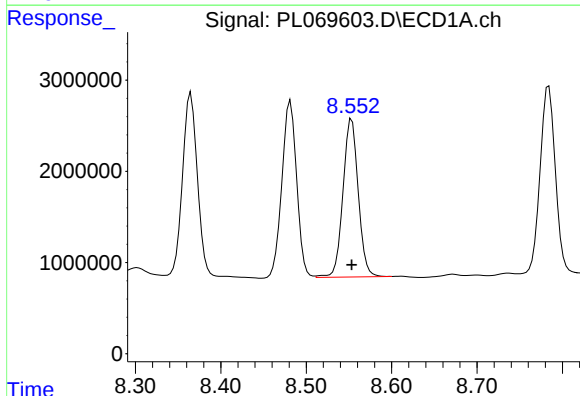
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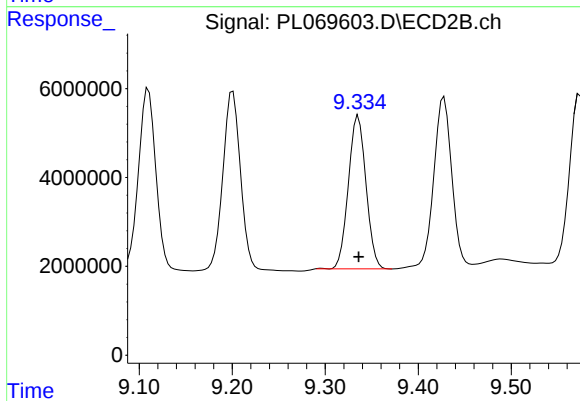
#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 50350350
Conc: 46.20 ng/ml



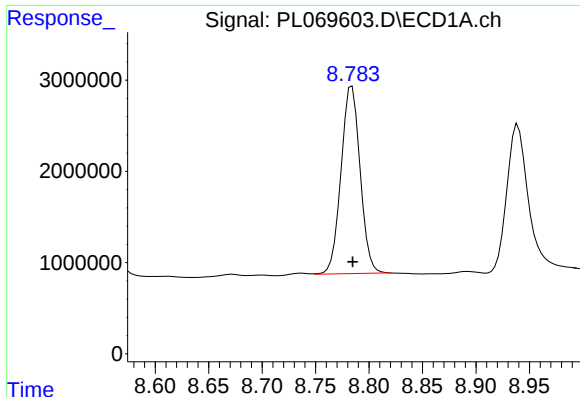
#18 Endrin aldehyde

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 21537495
Conc: 50.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 45416144
Conc: 46.76 ng/ml



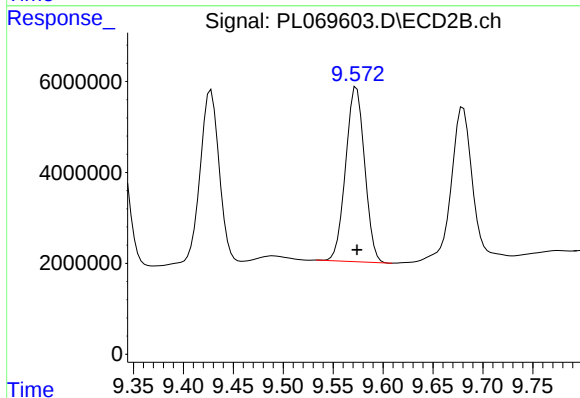
#19 Endosulfan Sulfate

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 25583492
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

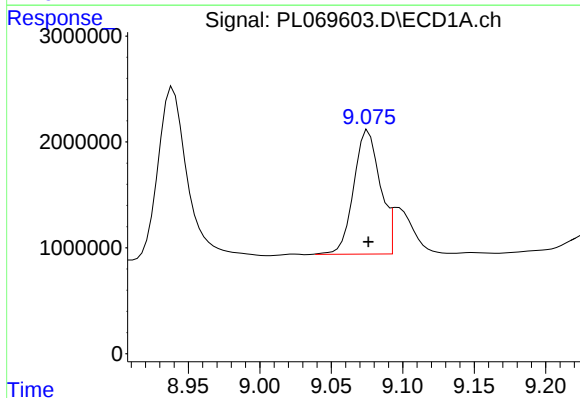
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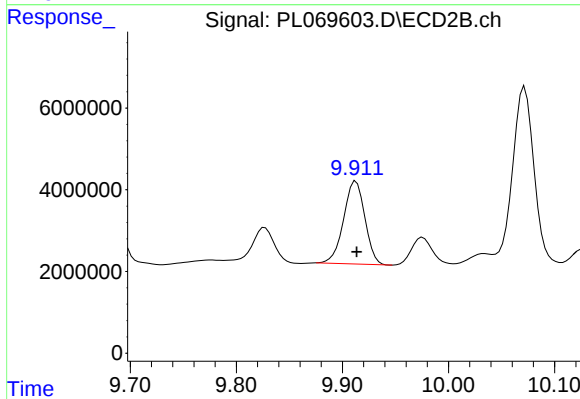
#19 Endosulfan Sulfate

R.T.: 9.573 min
Delta R.T.: 0.000 min
Response: 50913493
Conc: 46.12 ng/ml



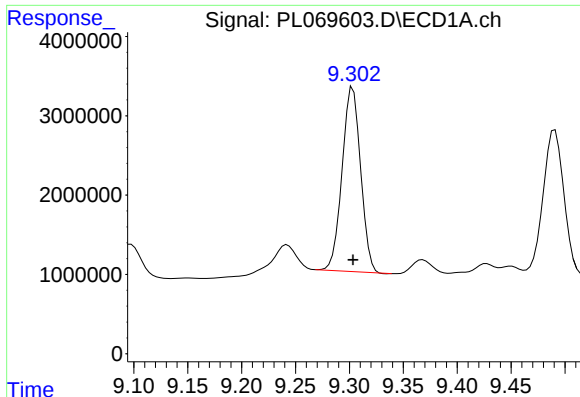
#20 Methoxychlor

R.T.: 9.075 min
Delta R.T.: -0.001 min
Response: 15185085
Conc: 49.27 ng/ml m



#20 Methoxychlor

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 28287501
Conc: 48.90 ng/ml



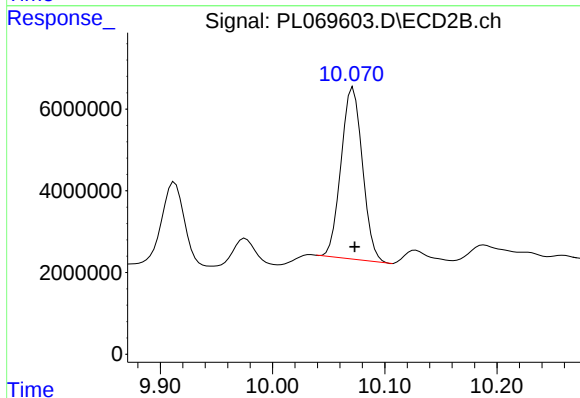
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 27750868
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
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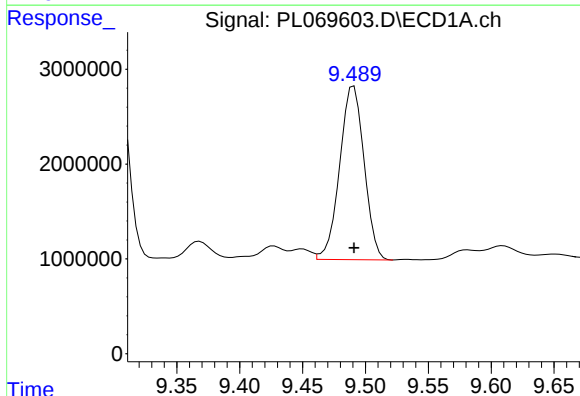
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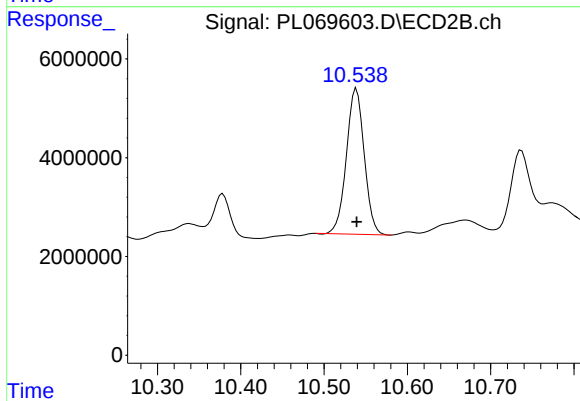
#21 Endrin ketone

R.T.: 10.072 min
Delta R.T.: -0.001 min
Response: 55721839
Conc: 46.91 ng/ml



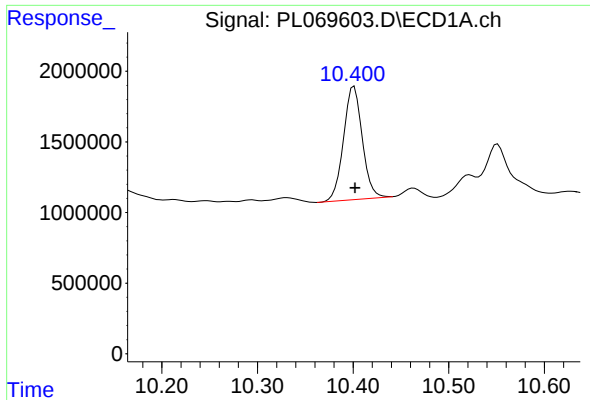
#22 Mirex

R.T.: 9.489 min
Delta R.T.: -0.002 min
Response: 24716365
Conc: 45.47 ng/ml m



#22 Mirex

R.T.: 10.539 min
Delta R.T.: 0.000 min
Response: 43832854
Conc: 48.85 ng/ml



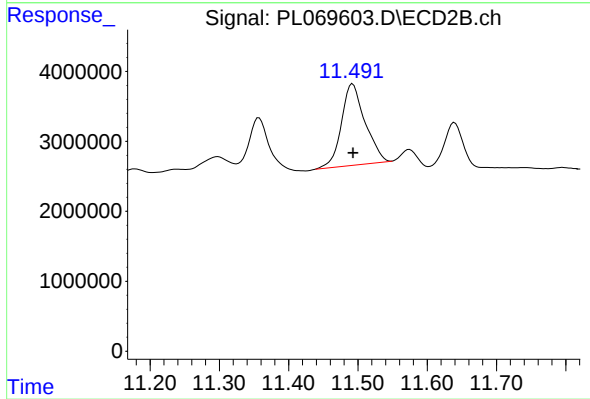
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.001 min
Response: 10945711
Conc: 18.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-2MSD

Manual Integrations
APPROVED

Ankita
8/31/2021 10:39:23 AM



#28 Decachlorobiphenyl

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 27684389
Conc: 24.53 ng/ml