

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 20:05
 Operator : AR\AJ
 Sample : N1610-01MSD 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-05-021822

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:37:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 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...	4.551	5.489	1224633	3933037	2.543	2.277
28) SA Decachlor...	10.311	11.379	1922441	3830271	2.539	2.415
Target Compounds						
2) A alpha-BHC	5.257	6.070	3302382	11715163	5.009	4.892
3) MA gamma-BHC...	5.680	6.466	3373230	12111918	5.367	5.260
4) MA Heptachlor	6.086	7.112	3652057	12011146	5.003	5.275
5) MB Aldrin	6.408	7.481	3489667	11025523	5.405m	5.157
6) B beta-BHC	6.065	6.725	1462429	5301985	5.902m	5.201m
7) B delta-BHC	6.323	6.991	3202777	14690882	4.837m	6.412m#
8) B Heptachlo...	6.987	7.949	3631017	8818890	5.759	4.571
9) A Endosulfan I	7.390	8.354	3728419	10016485	6.373	5.725
10) B gamma-Chl...	7.264	8.219	3726734	11877961	5.883	6.141
11) B alpha-Chl...	7.334	8.299	3877963	11299497	6.090	5.947
12) B 4,4'-DDE	7.549	8.489	3568165	8265262	5.872	4.422
13) MA Dieldrin	7.676	8.643	3711463	11140262	5.877	5.978
14) MA Endrin	7.967	8.881	3525055	6812849	6.017	4.324 #
15) B Endosulfa...	8.279	9.119	3542112	10771727	5.822m	6.407
16) A 4,4'-DDD	8.134	9.030	3151592	7550106	6.551m	5.456
17) MA 4,4'-DDT	8.396	9.347	3095885	8503592	5.754	5.555
18) B Endrin al...	8.469	9.253	2435388	6435078	5.587	5.718m
19) B Endosulfa...	8.699	9.491	3531381	9649200	5.934	6.450m
20) A Methoxychlor	8.992	9.833	2457291	4420151	6.988	5.459m
21) B Endrin ke...	9.217	9.988	3715188	9245136	5.406	5.803
22) Mirex	9.399	10.450	4380730	9169423	7.384	7.811

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
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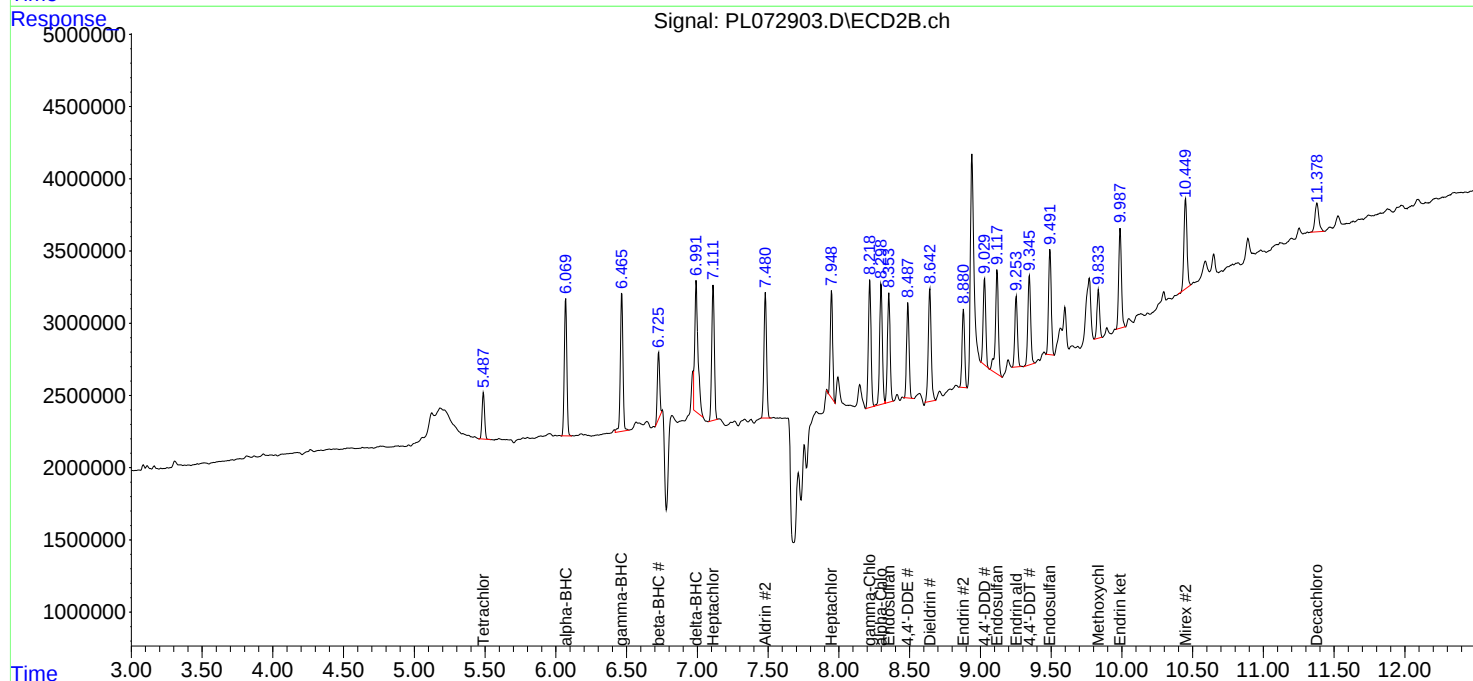
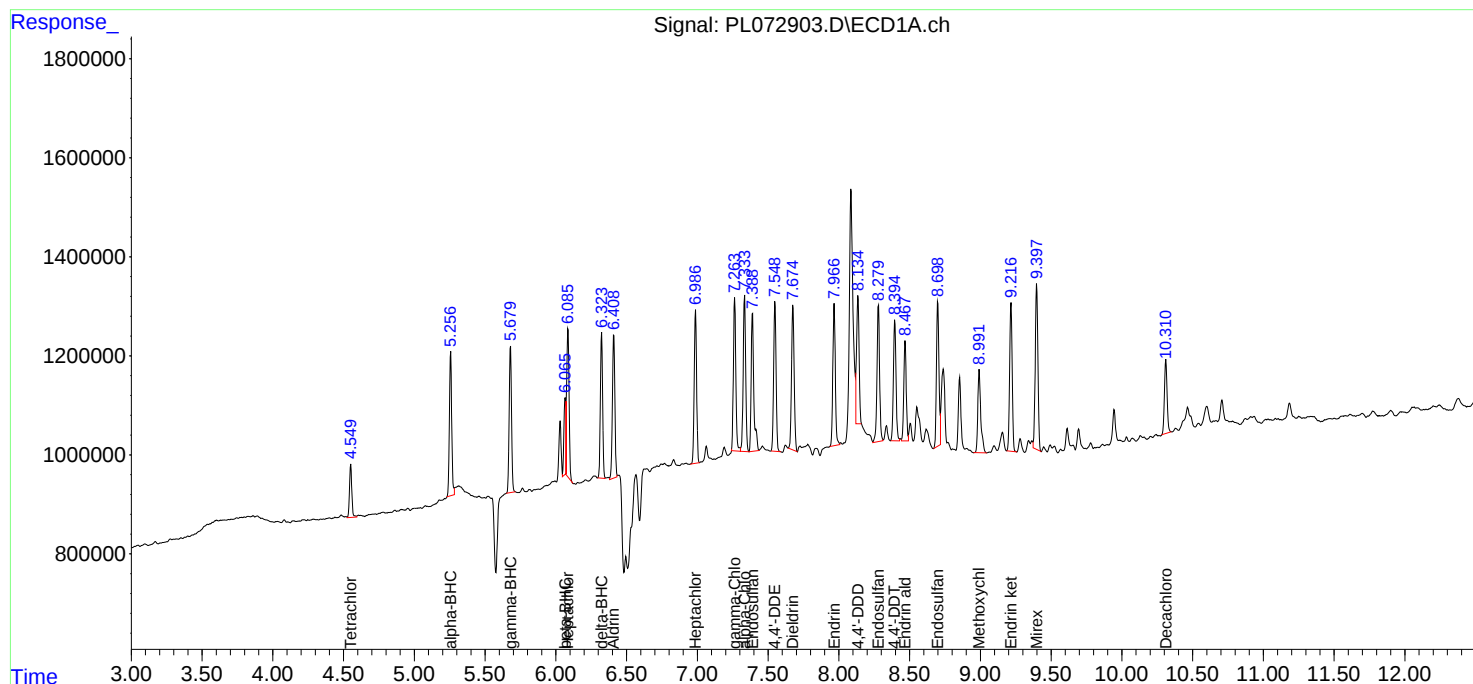
Manual Integrations

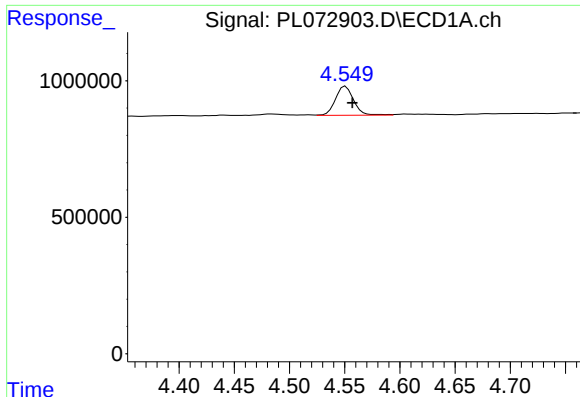
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Reviewed By : Abdul Mirza 02/23/2022
 Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:37:56 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





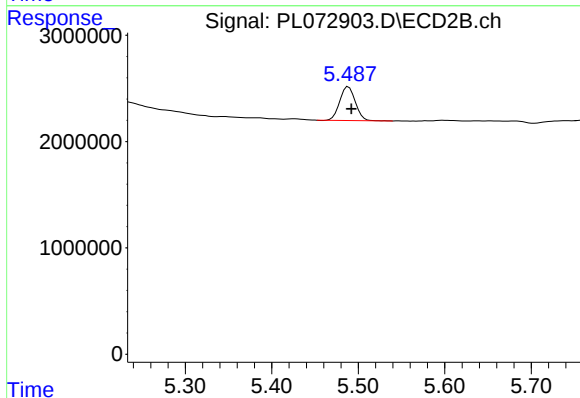
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 1224633
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

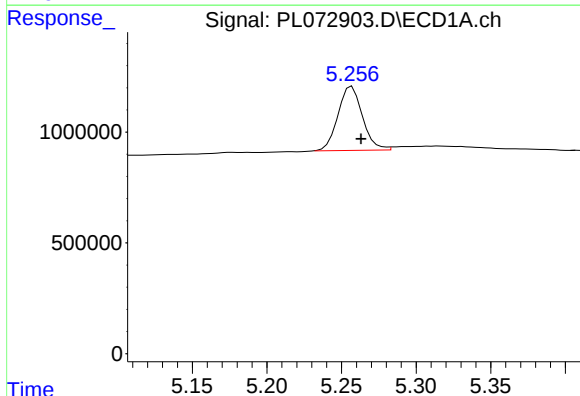
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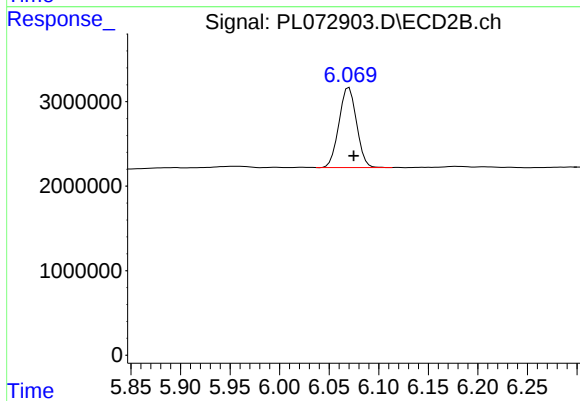
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 3933037
Conc: 2.28 ng/ml



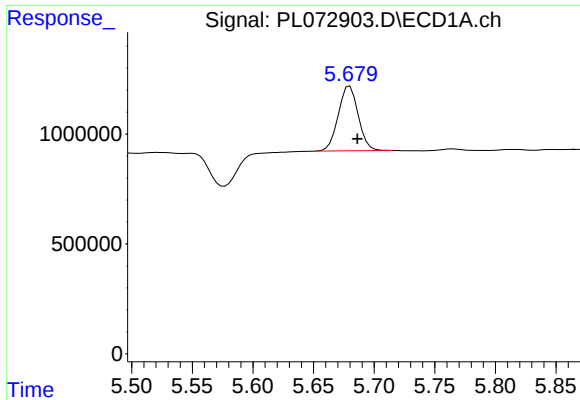
#2 alpha-BHC

R.T.: 5.257 min
Delta R.T.: -0.006 min
Response: 3302382
Conc: 5.01 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 11715163
Conc: 4.89 ng/ml



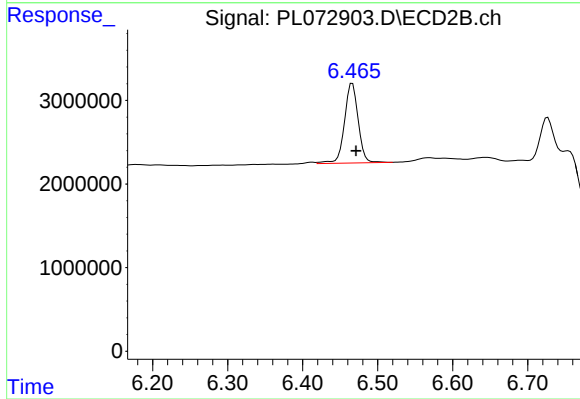
#3 gamma-BHC (Lindane)

R.T.: 5.680 min
Delta R.T.: -0.006 min
Response: 3373230
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

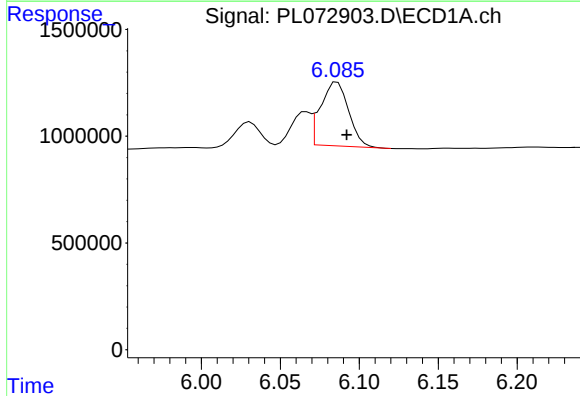
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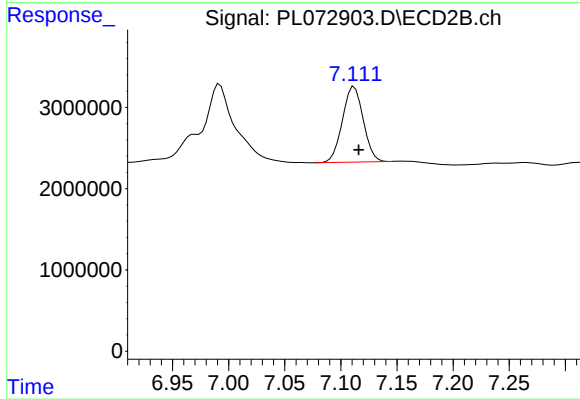
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 12111918
Conc: 5.26 ng/ml



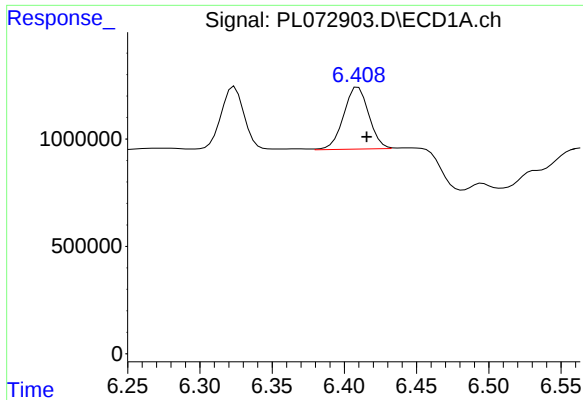
#4 Heptachlor

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 3652057
Conc: 5.00 ng/ml



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 12011146
Conc: 5.28 ng/ml



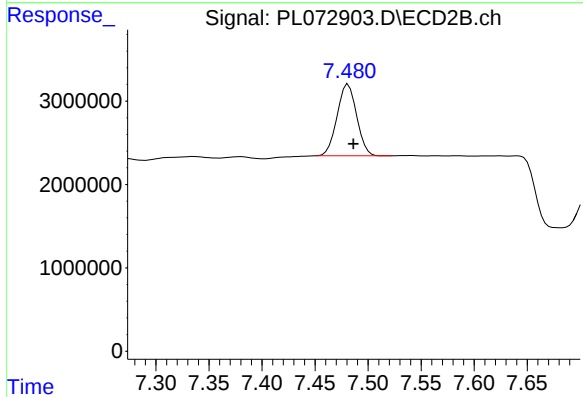
#5 Aldrin

R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 3489667
Conc: 5.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

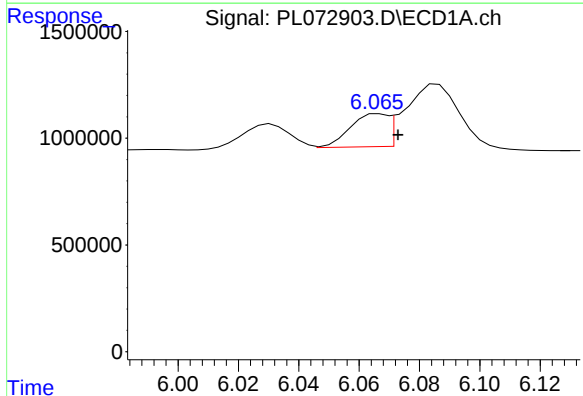
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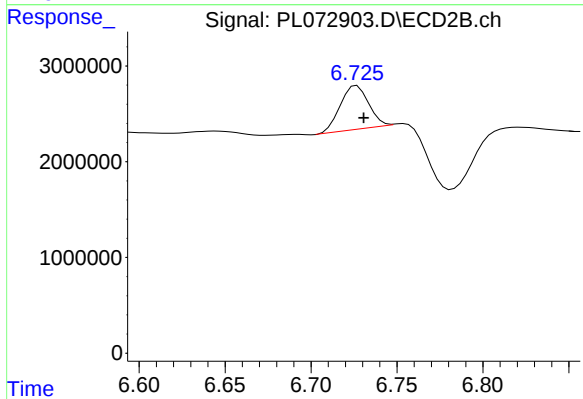
#5 Aldrin

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 11025523
Conc: 5.16 ng/ml



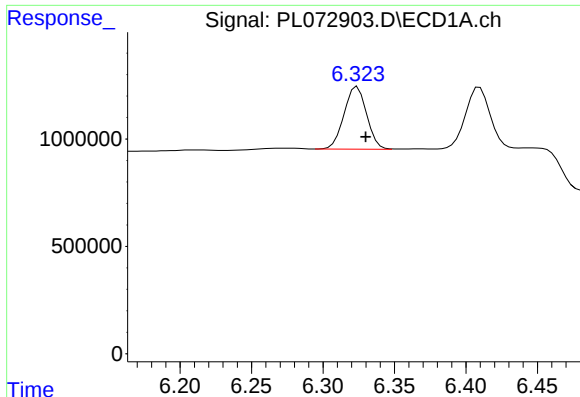
#6 beta-BHC

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 1462429
Conc: 5.90 ng/ml m



#6 beta-BHC

R.T.: 6.725 min
Delta R.T.: -0.005 min
Response: 5301985
Conc: 5.20 ng/ml m



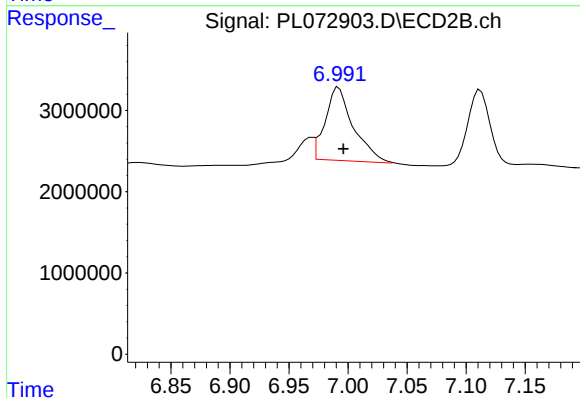
#7 delta-BHC

R.T.: 6.323 min
Delta R.T.: -0.007 min
Response: 3202777
Conc: 4.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

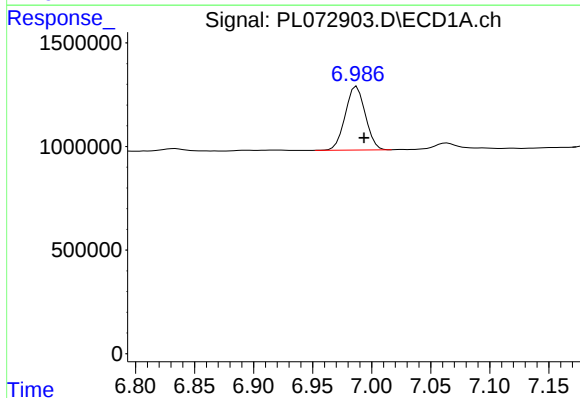
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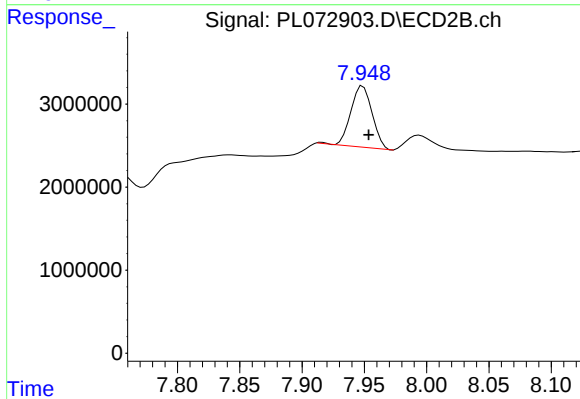
#7 delta-BHC

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 14690882
Conc: 6.41 ng/ml m



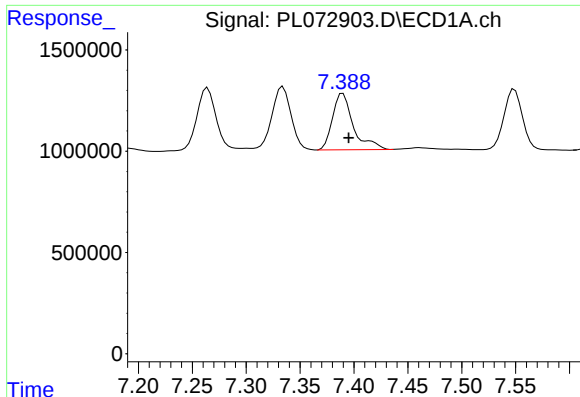
#8 Heptachlor epoxide

R.T.: 6.987 min
Delta R.T.: -0.006 min
Response: 3631017
Conc: 5.76 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min
Delta R.T.: -0.005 min
Response: 8818890
Conc: 4.57 ng/ml



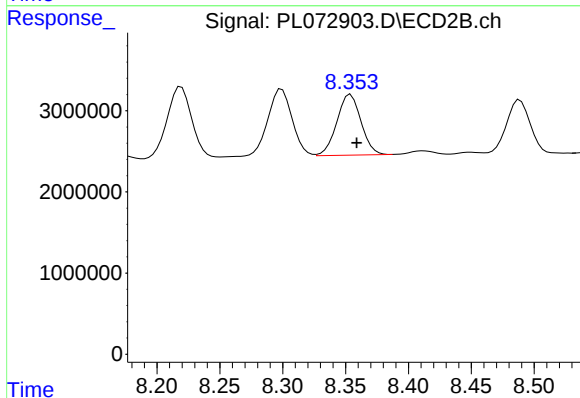
#9 Endosulfan I

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 3728419
Conc: 6.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

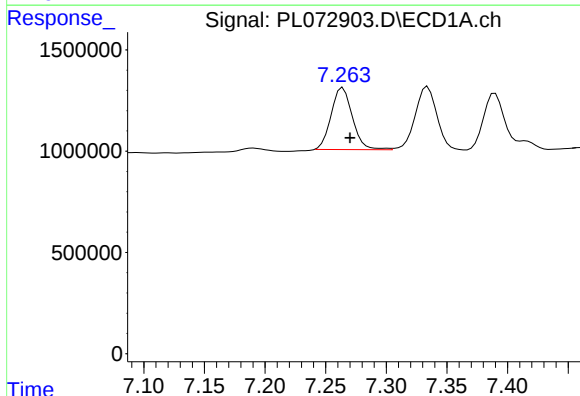
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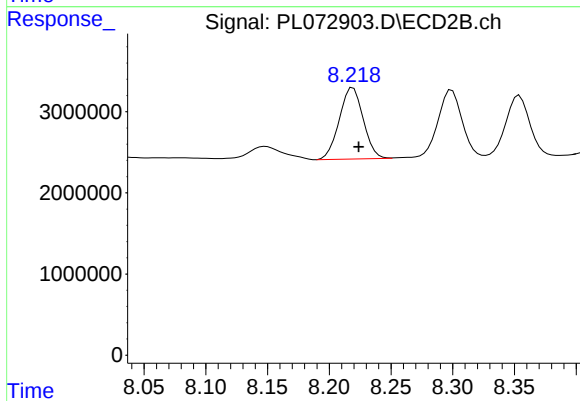
#9 Endosulfan I

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 10016485
Conc: 5.73 ng/ml



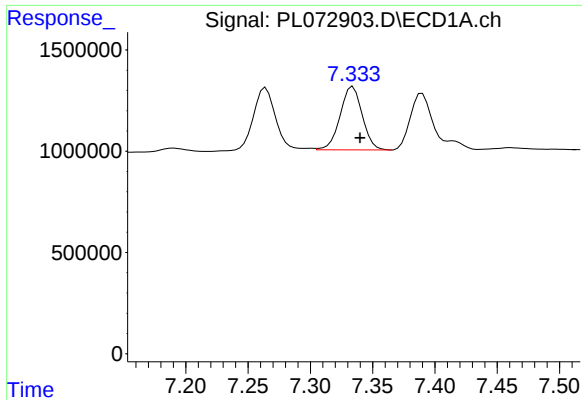
#10 gamma-Chlordane

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 3726734
Conc: 5.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 11877961
Conc: 6.14 ng/ml



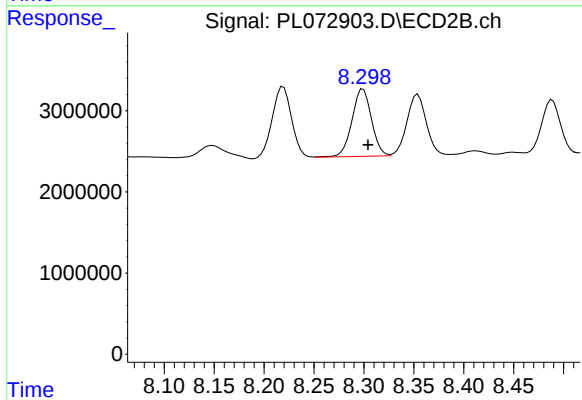
#11 alpha-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.006 min
Response: 3877963
Conc: 6.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

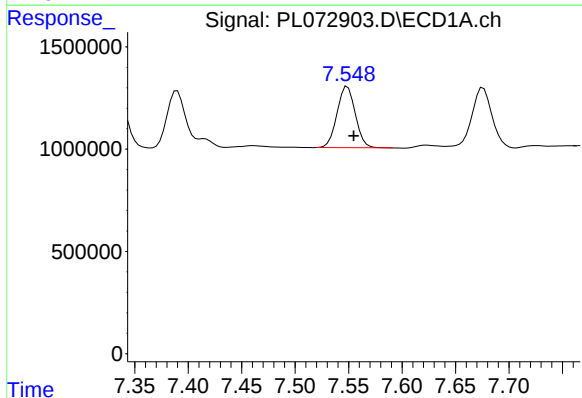
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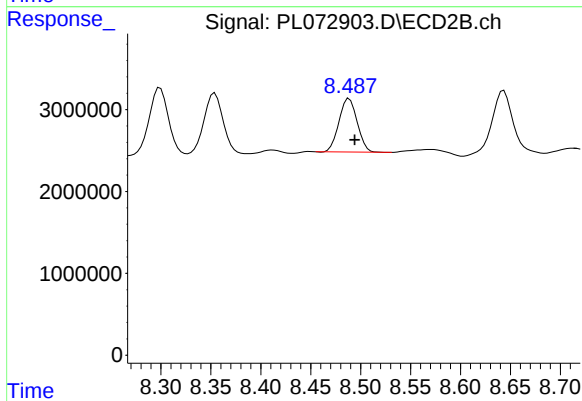
#11 alpha-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 11299497
Conc: 5.95 ng/ml



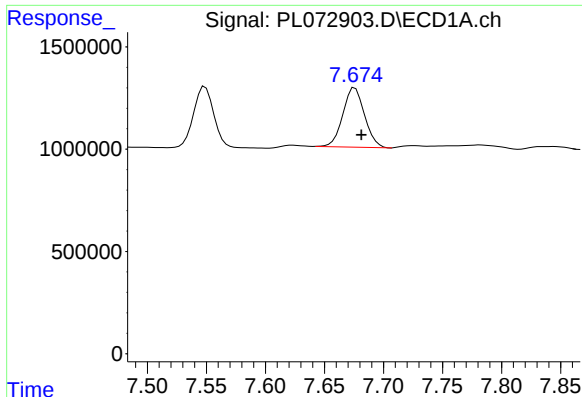
#12 4,4'-DDE

R.T.: 7.549 min
Delta R.T.: -0.006 min
Response: 3568165
Conc: 5.87 ng/ml



#12 4,4'-DDE

R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 8265262
Conc: 4.42 ng/ml



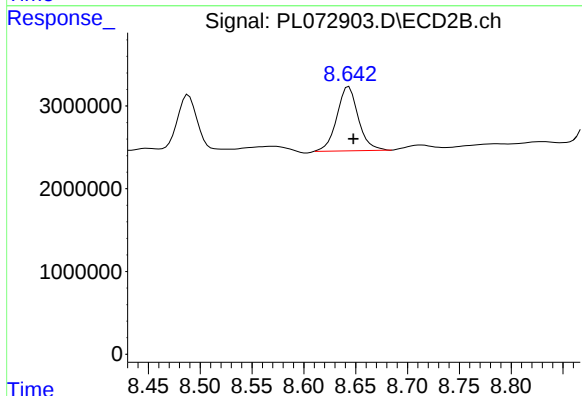
#13 Dieldrin

R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 3711463
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

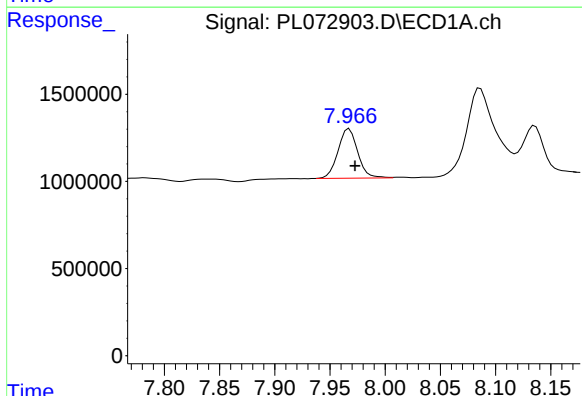
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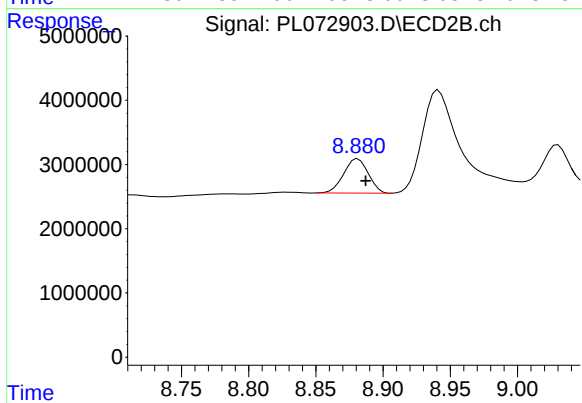
#13 Dieldrin

R.T.: 8.643 min
Delta R.T.: -0.004 min
Response: 11140262
Conc: 5.98 ng/ml



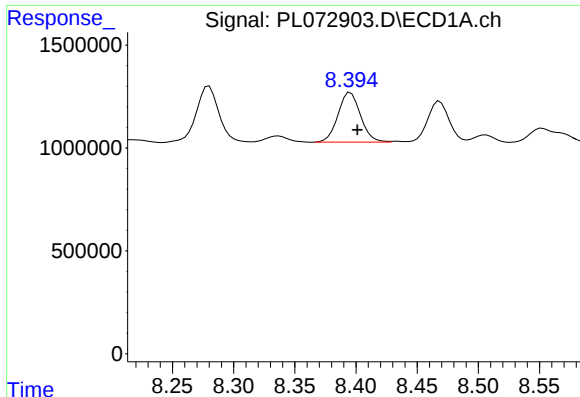
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 3525055
Conc: 6.02 ng/ml



#14 Endrin

R.T.: 8.881 min
Delta R.T.: -0.006 min
Response: 6812849
Conc: 4.32 ng/ml



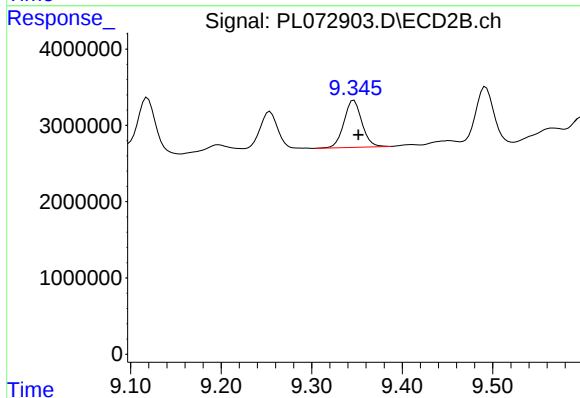
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 3095885
Conc: 5.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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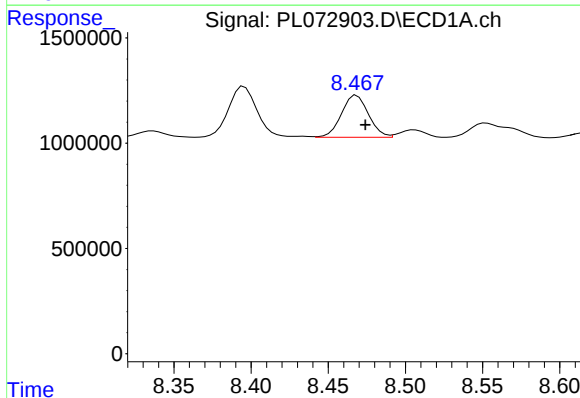
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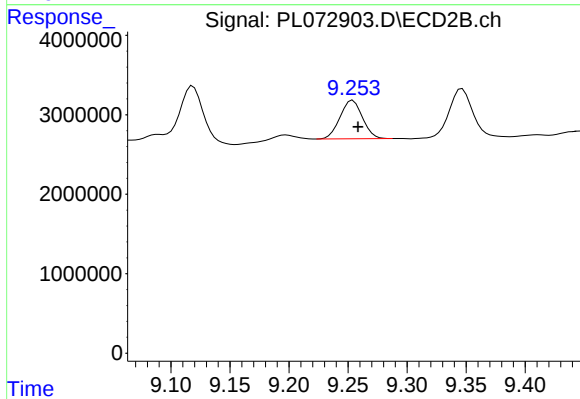
#17 4,4'-DDT

R.T.: 9.347 min
Delta R.T.: -0.005 min
Response: 8503592
Conc: 5.55 ng/ml



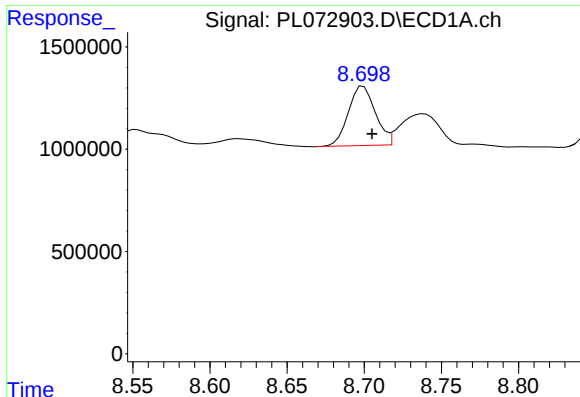
#18 Endrin aldehyde

R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 2435388
Conc: 5.59 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min
Delta R.T.: -0.006 min
Response: 6435078
Conc: 5.72 ng/ml m



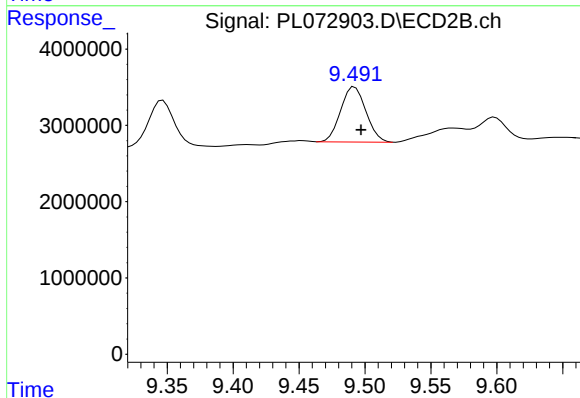
#19 Endosulfan Sulfate

R.T.: 8.699 min
Delta R.T.: -0.006 min
Response: 3531381
Conc: 5.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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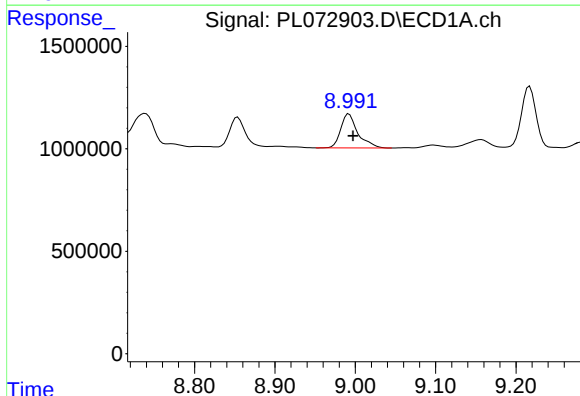
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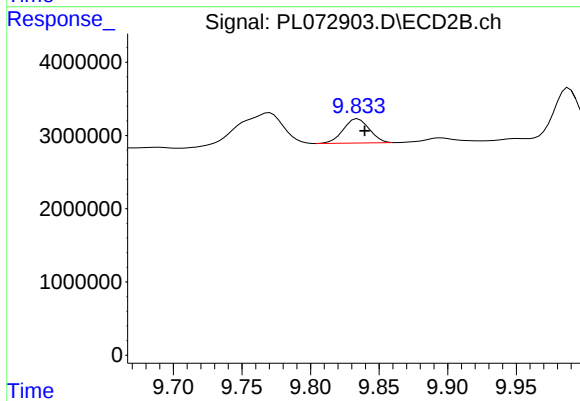
#19 Endosulfan Sulfate

R.T.: 9.491 min
Delta R.T.: -0.006 min
Response: 9649200
Conc: 6.45 ng/ml m



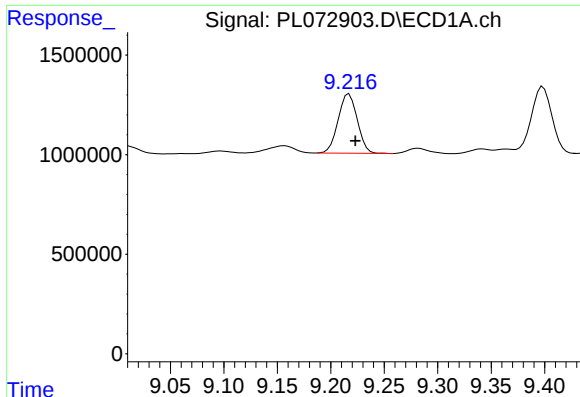
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.005 min
Response: 2457291
Conc: 6.99 ng/ml



#20 Methoxychlor

R.T.: 9.833 min
Delta R.T.: -0.006 min
Response: 4420151
Conc: 5.46 ng/ml m



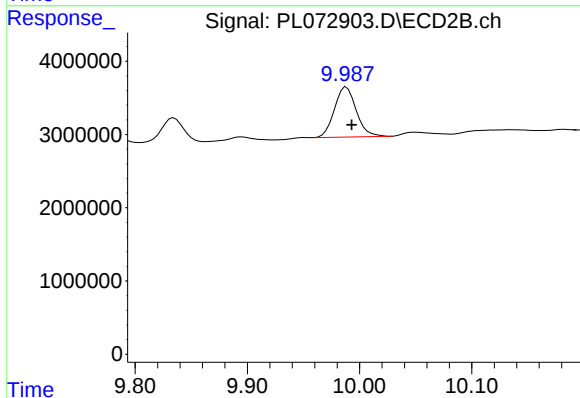
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.006 min
Response: 3715188
Conc: 5.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

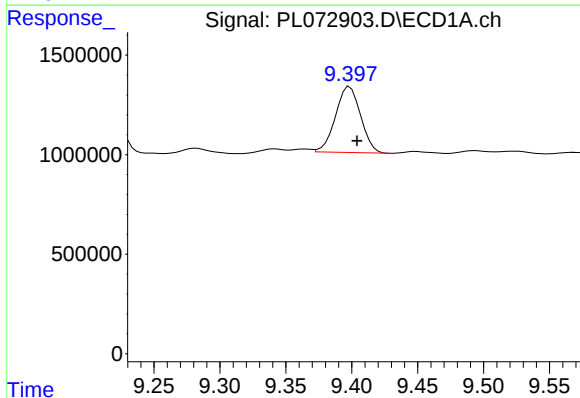
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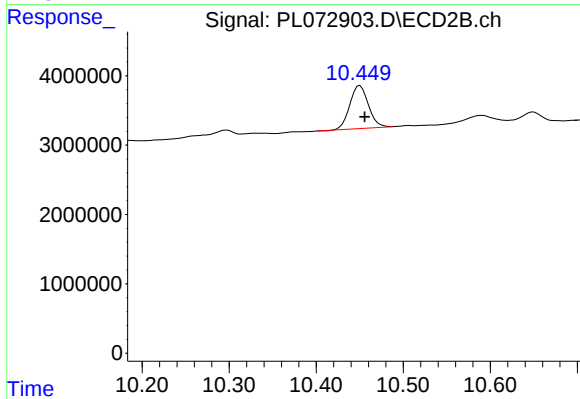
#21 Endrin ketone

R.T.: 9.988 min
Delta R.T.: -0.004 min
Response: 9245136
Conc: 5.80 ng/ml



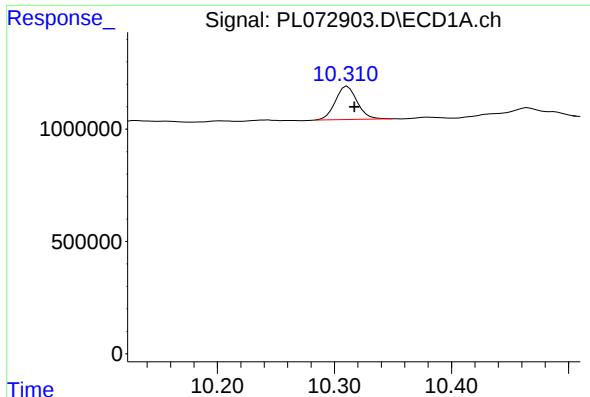
#22 Mirex

R.T.: 9.399 min
Delta R.T.: -0.005 min
Response: 4380730
Conc: 7.38 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.005 min
Response: 9169423
Conc: 7.81 ng/ml



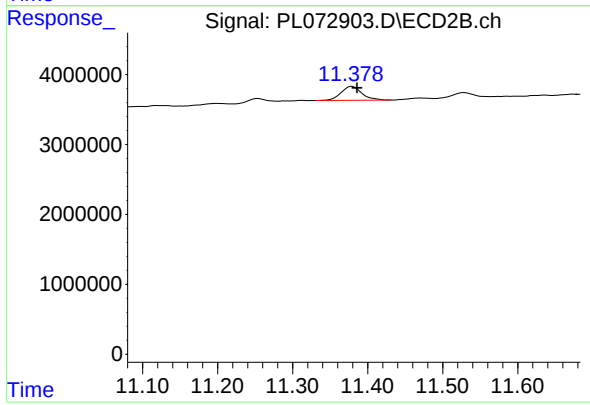
#28 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: -0.006 min
Response: 1922441
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-021822

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 3830271
Conc: 2.42 ng/ml