

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
 Data File : PL072581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2022 15:41
 Operator : AR\AJ
 Sample : N1436-02MS 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 289MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:59:53 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...	4.555	5.492	2111149	7376510	4.384m	4.270m
2) SA Decachlor...	10.317	11.383	3633378	5306003	4.799	3.346m#
Target Compounds						
2) A alpha-BHC	5.261	6.072	5434127	21316922	8.242m	8.902m
3) MA gamma-BHC...	5.685	6.470	6813796	26177587	10.842	11.369
4) MA Heptachlor	6.091	7.116	6494768	19441539	8.898	8.539
5) MB Aldrin	6.415	7.484	6668429	26904428	10.328	12.585m
6) B beta-BHC	6.073	6.726	2494526	8344257	10.067	8.185m
7) B delta-BHC	6.328	6.996	5620171	20569191	8.488m	8.978
8) B Heptachlo...	6.992	7.954	7691976	20676163	12.201m	10.717m
9) A Endosulfan I	7.396	8.356	4939695	22008230	8.443m	12.580m#
10) B gamma-Chl...	7.270	8.222	7795839	23233731	12.307	12.012m
11) B alpha-Chl...	7.340	8.303	10099604	29667291	15.860	15.615m
12) B 4,4'-DDE	7.554	8.492	11903653	21396552	19.588	11.448m#
13) MA Dieldrin	7.684	8.649	9196431	14681443	14.563	7.878 #
14) MA Endrin	7.973	8.886	6309178	13755443	10.770	8.730m
15) B Endosulfa...	8.286	9.124	8638651	17967011	14.199	10.686
16) A 4,4'-DDD	8.141	9.031	3851256	13651401	8.005	9.865m
17) MA 4,4'-DDT	8.401	9.351	9214121	25489417	17.124	16.651
18) B Endrin al...	8.474	9.257	4973340	11354141	11.410	10.088m
19) B Endosulfa...	8.706	9.496	6123932	15167278	10.291	10.139
20) A Methoxychlor	8.996	9.838	3340145	10738890	9.499m	13.264 #
21) B Endrin ke...	9.221	9.993	6477121	16558403	9.424m	10.393
22) Mirex	9.403	10.454	7849355	14103555	13.231m	12.014m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
Data File : PL072581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2022 15:41
Operator : AR\AJ
Sample : N1436-02MS 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

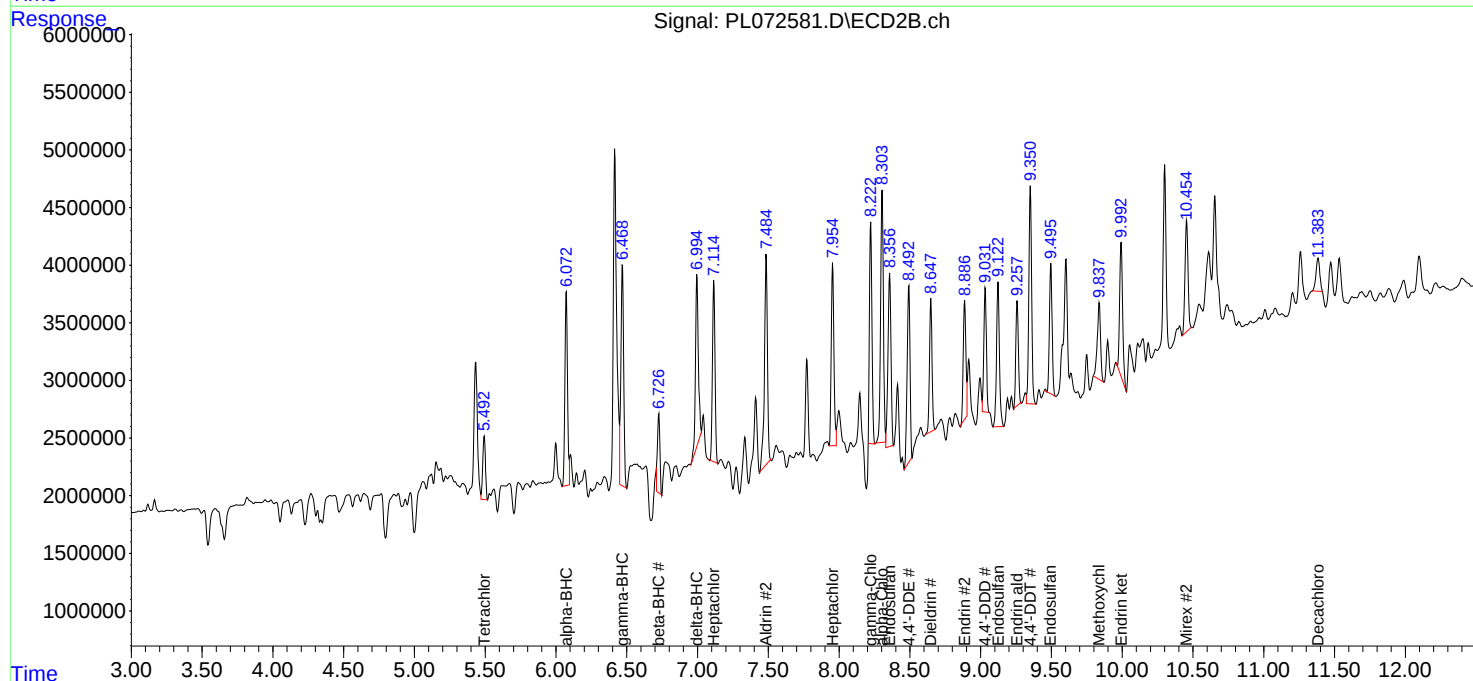
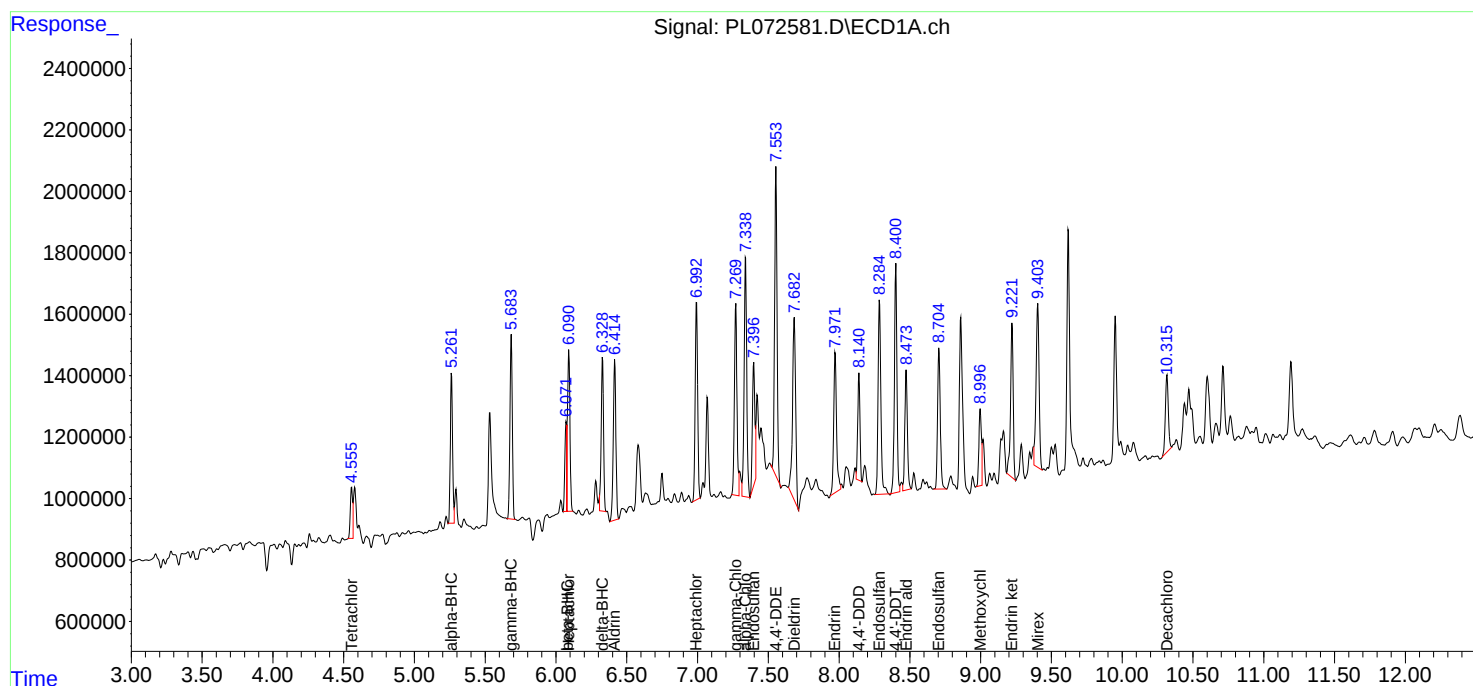
Instrument :
ECD_L
ClientSampleId :
289MS

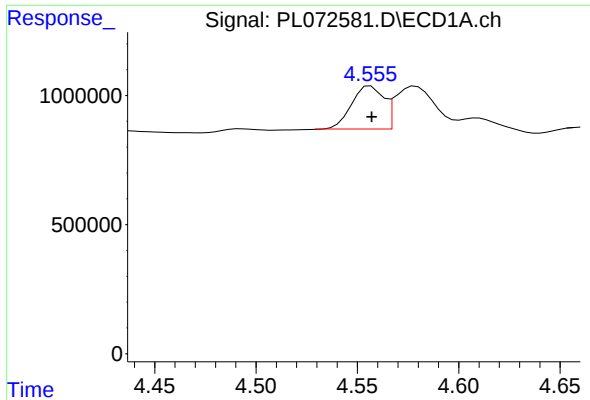
Manual Integrations
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Reviewed By : Abdul Mirza 02/10/2022
Supervised By : Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 01:59:53 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





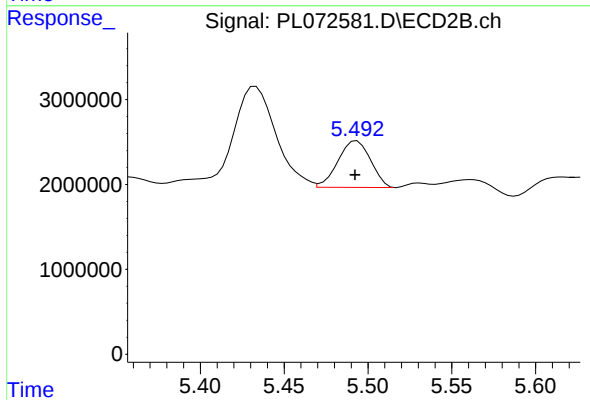
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 2111149
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

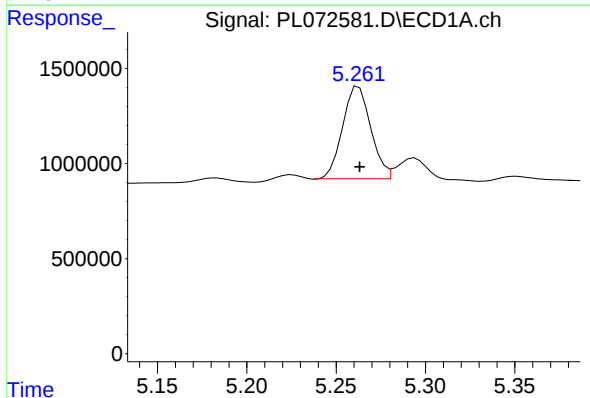
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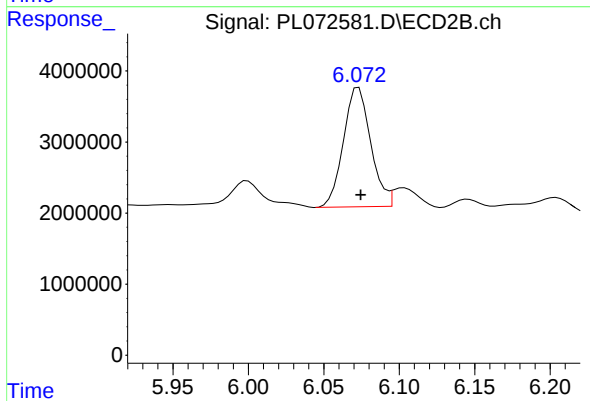
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 7376510
Conc: 4.27 ng/ml m



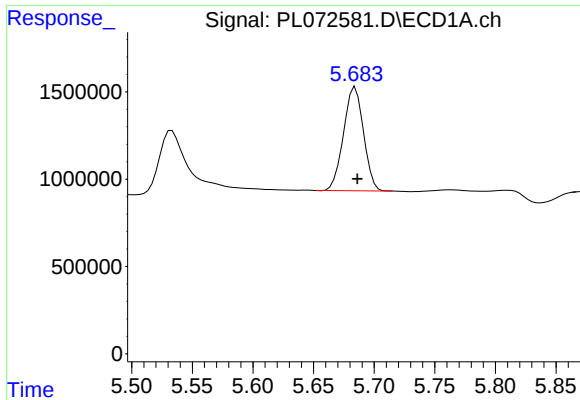
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 5434127
Conc: 8.24 ng/ml m



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 21316922
Conc: 8.90 ng/ml m



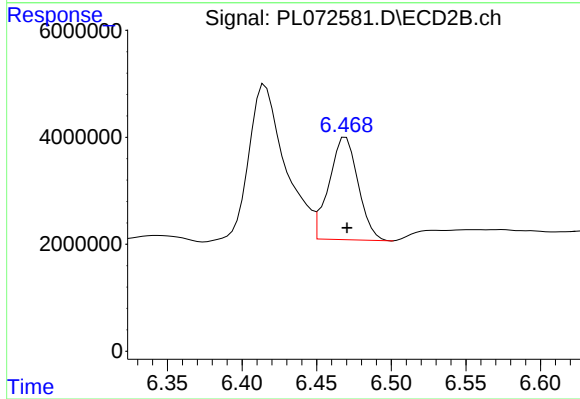
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 6813796
Conc: 10.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

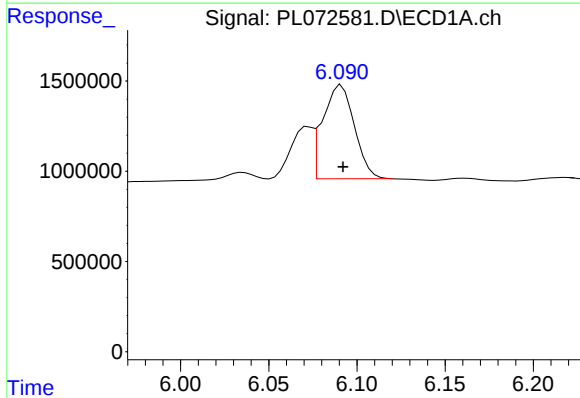
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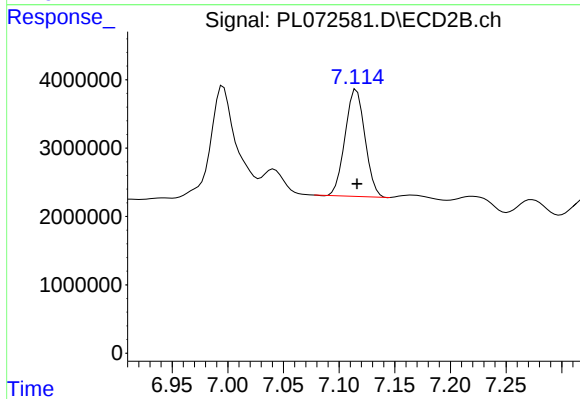
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 26177587
Conc: 11.37 ng/ml



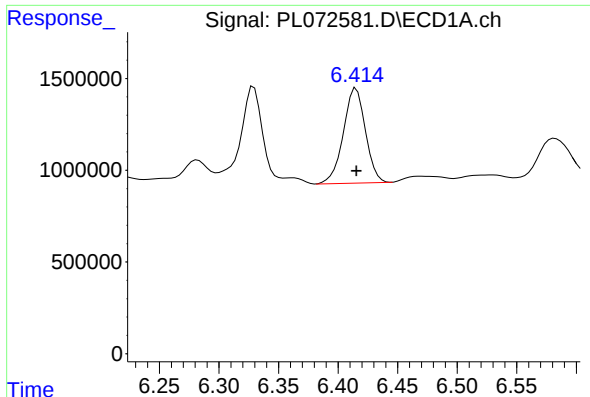
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 6494768
Conc: 8.90 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 19441539
Conc: 8.54 ng/ml



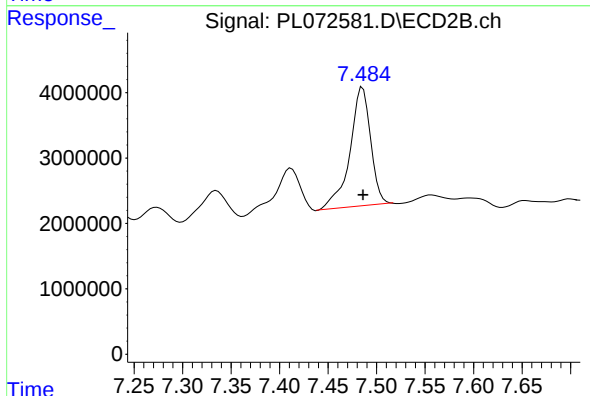
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 6668429
Conc: 10.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

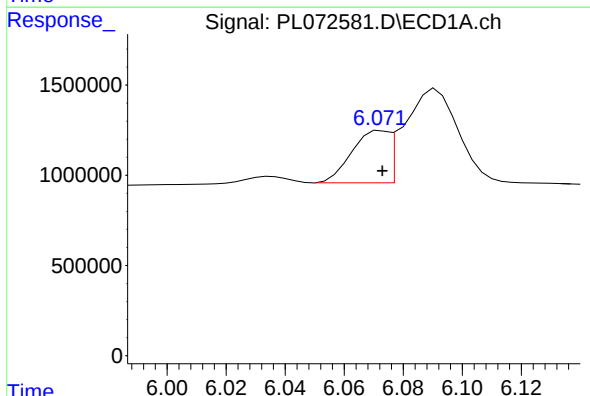
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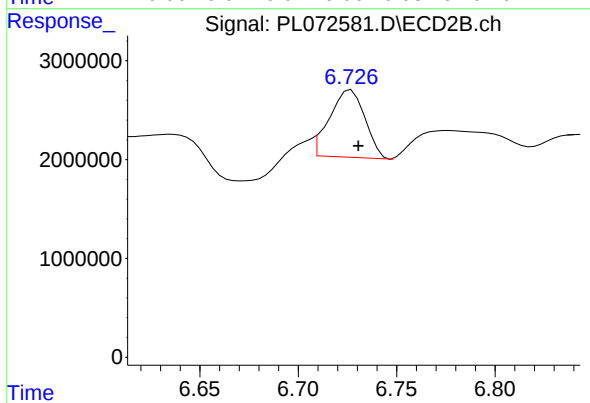
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 26904428
Conc: 12.59 ng/ml m



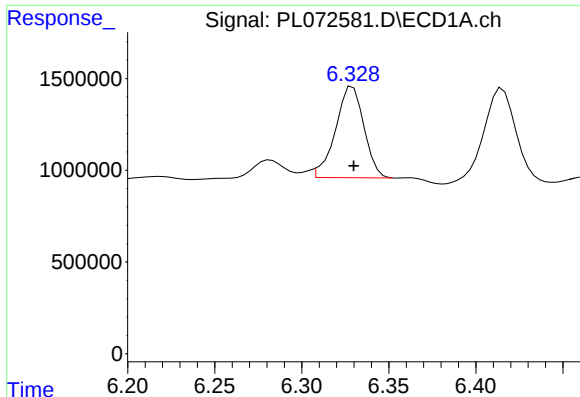
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2494526
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 8344257
Conc: 8.19 ng/ml m



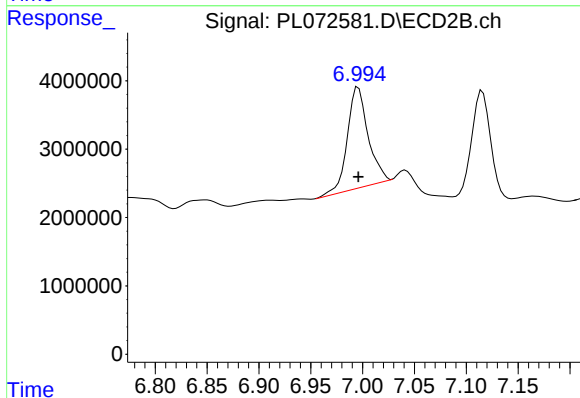
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 5620171
Conc: 8.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

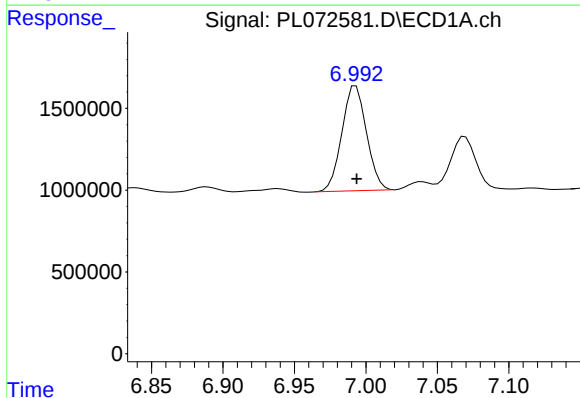
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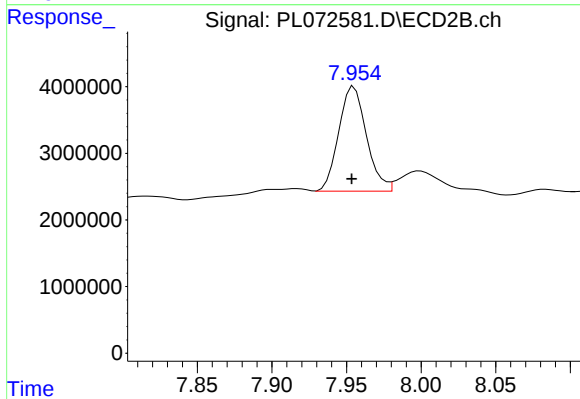
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 20569191
Conc: 8.98 ng/ml



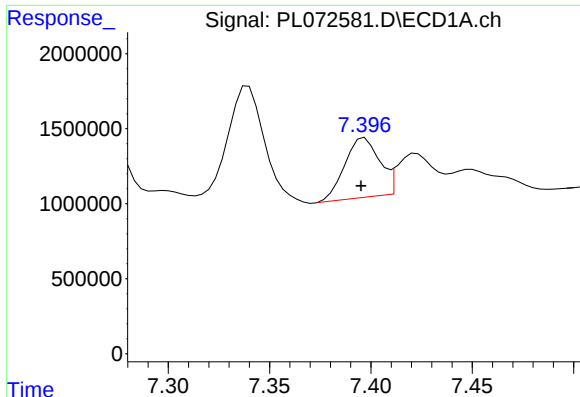
#8 Heptachlor epoxide

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 7691976
Conc: 12.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 20676163
Conc: 10.72 ng/ml m



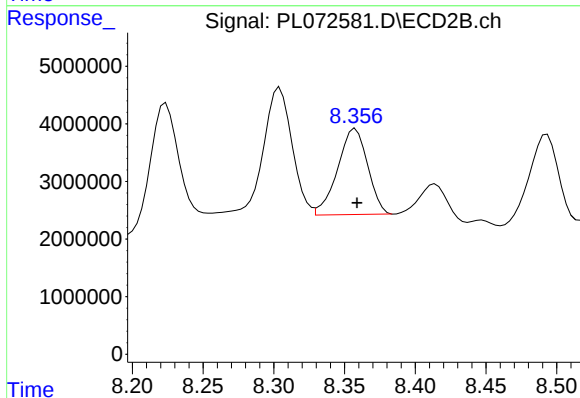
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 4939695
Conc: 8.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

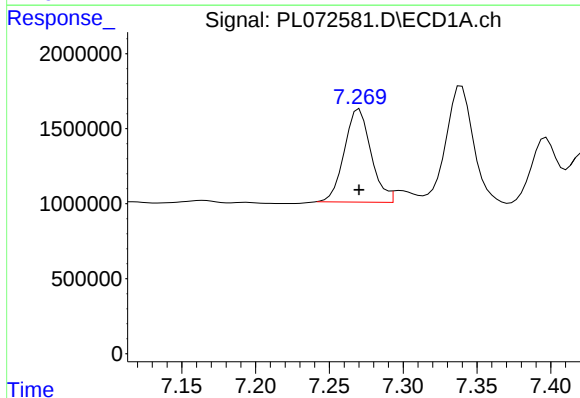
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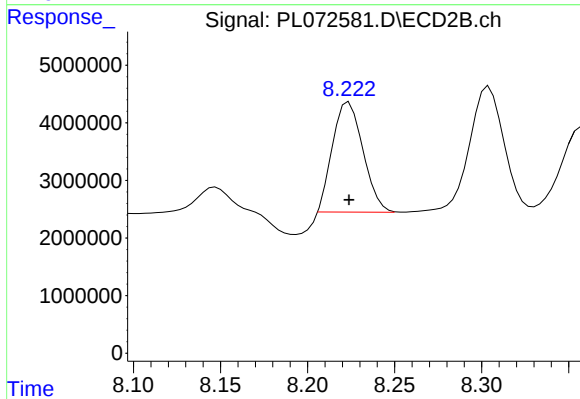
#9 Endosulfan I

R.T.: 8.356 min
Delta R.T.: -0.002 min
Response: 22008230
Conc: 12.58 ng/ml m



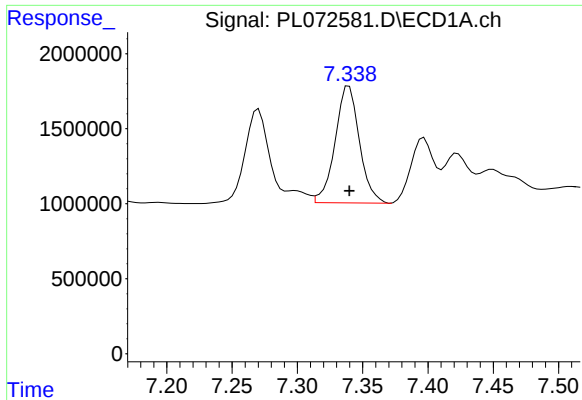
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 7795839
Conc: 12.31 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 23233731
Conc: 12.01 ng/ml m



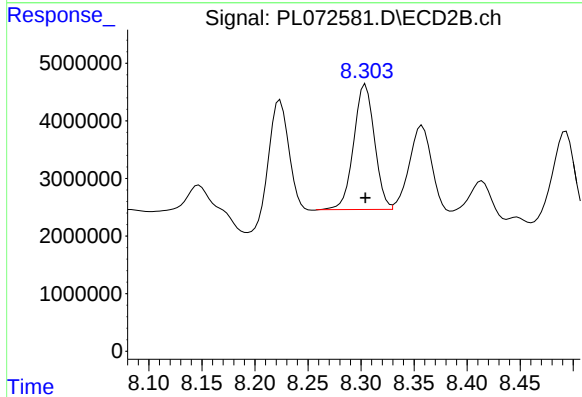
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 10099604
Conc: 15.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

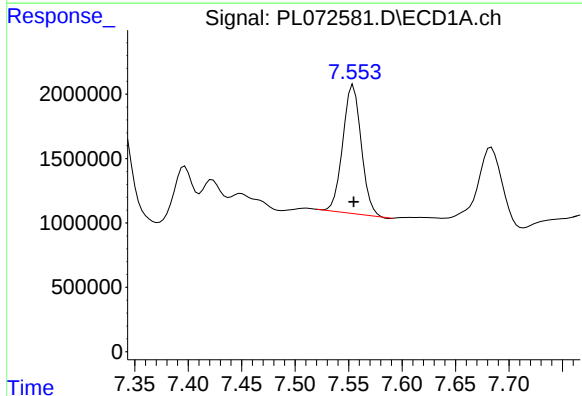
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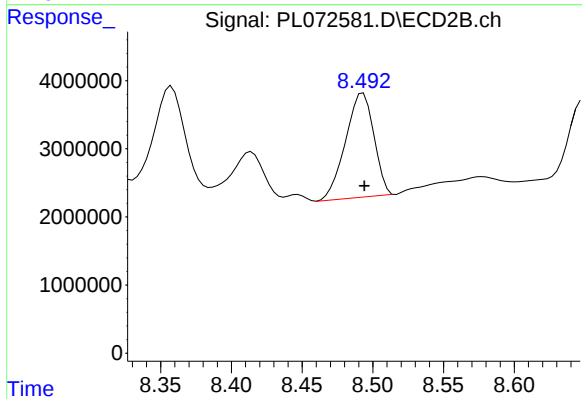
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.001 min
Response: 29667291
Conc: 15.61 ng/ml m



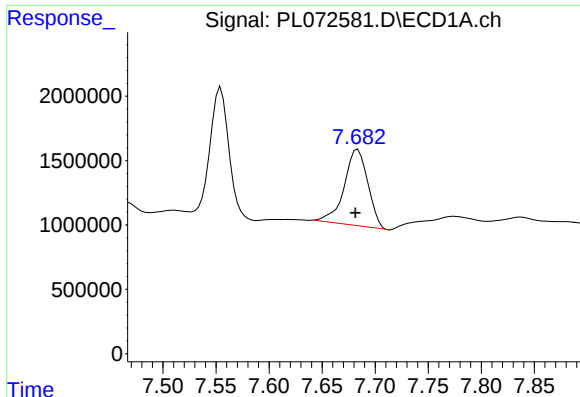
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 11903653
Conc: 19.59 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 21396552
Conc: 11.45 ng/ml m



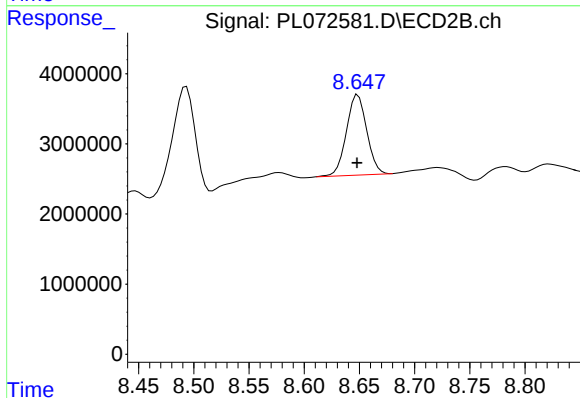
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 9196431
Conc: 14.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

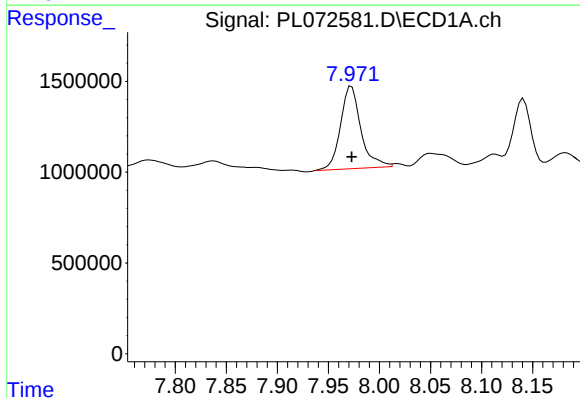
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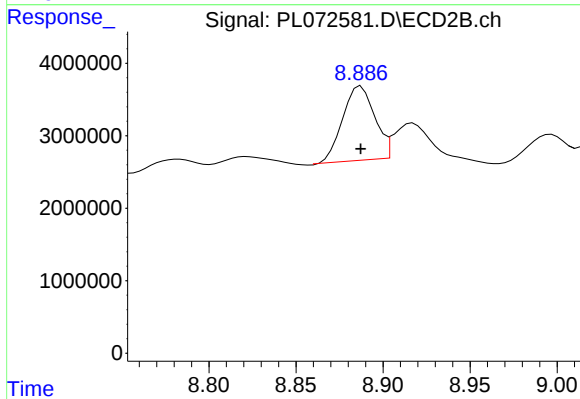
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 14681443
Conc: 7.88 ng/ml



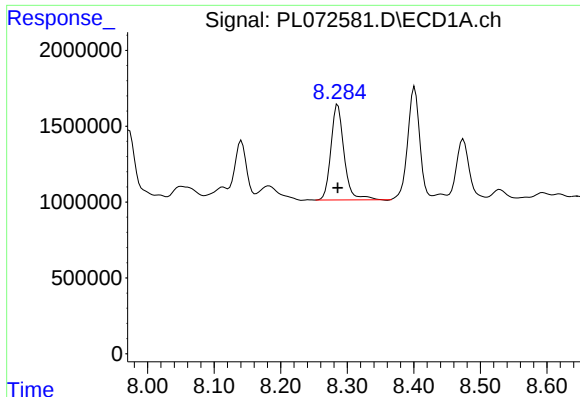
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 6309178
Conc: 10.77 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.001 min
Response: 13755443
Conc: 8.73 ng/ml m



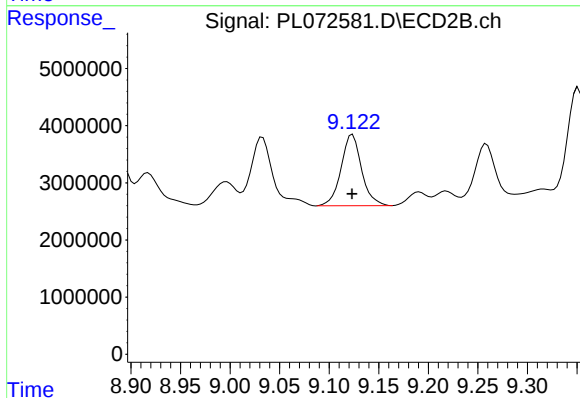
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 8638651
Conc: 14.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

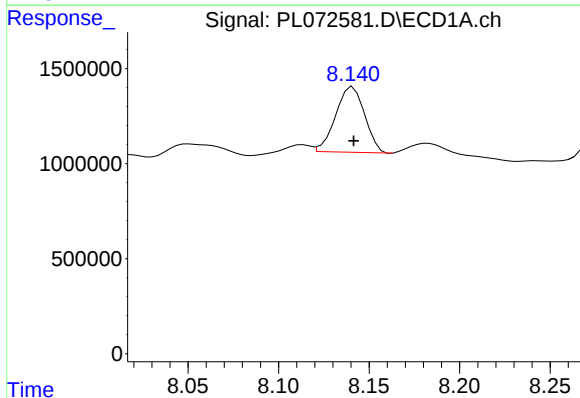
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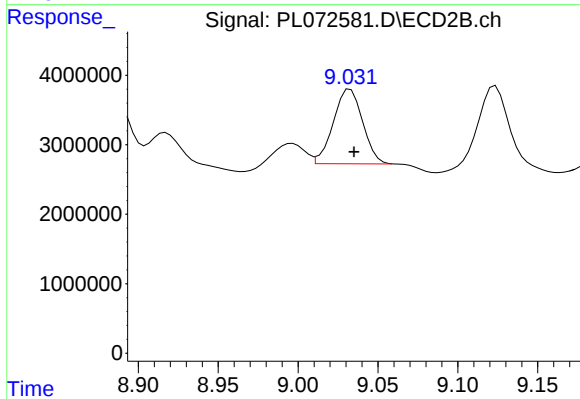
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 17967011
Conc: 10.69 ng/ml



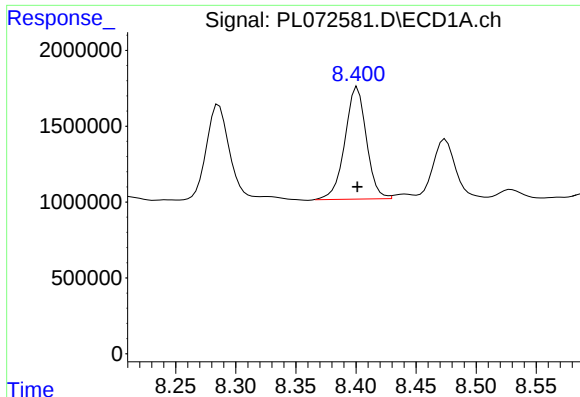
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 3851256
Conc: 8.01 ng/ml



#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 13651401
Conc: 9.87 ng/ml m



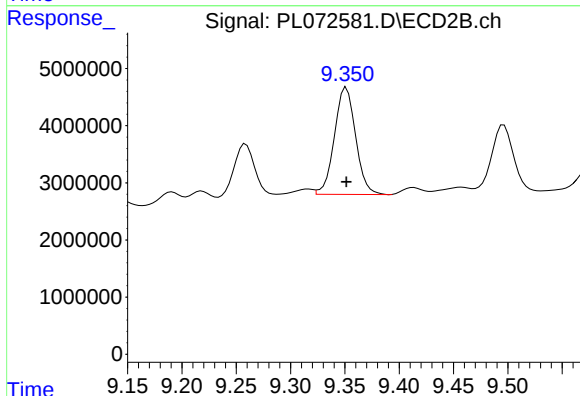
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 9214121
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

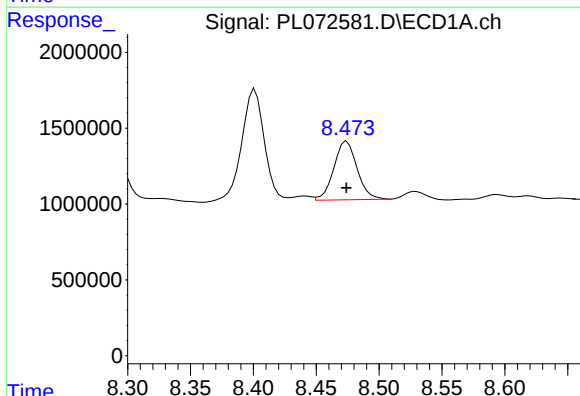
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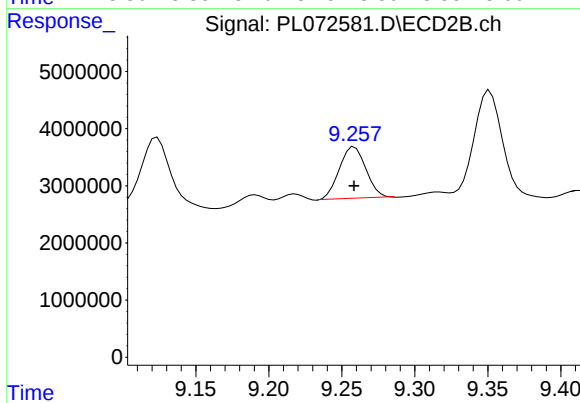
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 25489417
Conc: 16.65 ng/ml



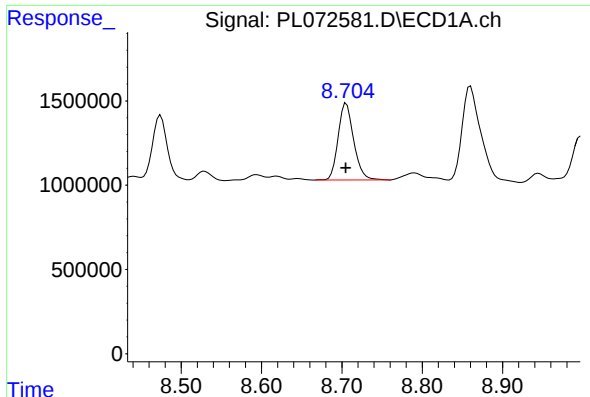
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 4973340
Conc: 11.41 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.001 min
Response: 11354141
Conc: 10.09 ng/ml m



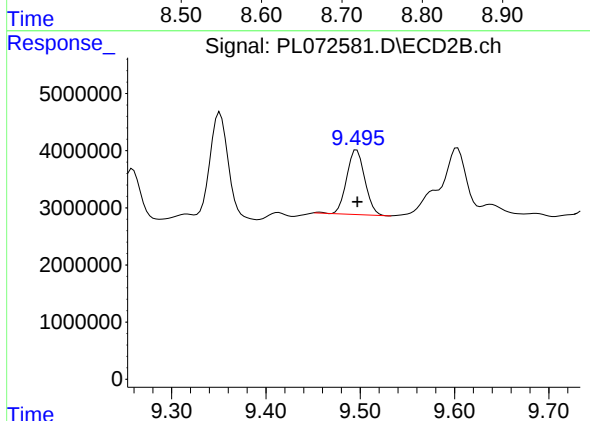
#19 Endosulfan Sulfate

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 6123932
Conc: 10.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

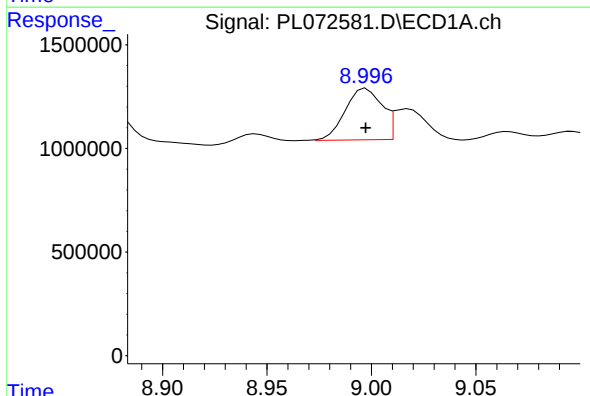
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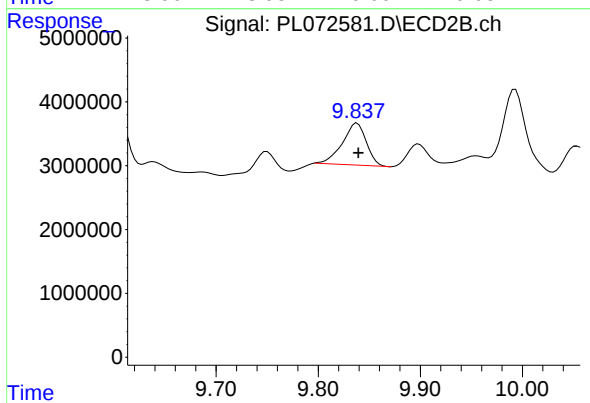
#19 Endosulfan Sulfate

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 15167278
Conc: 10.14 ng/ml



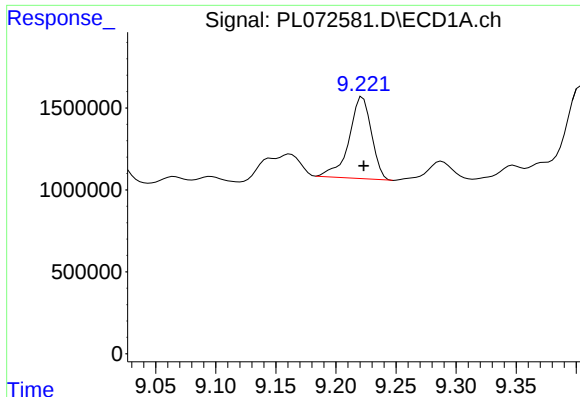
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.001 min
Response: 3340145
Conc: 9.50 ng/ml m



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.001 min
Response: 10738890
Conc: 13.26 ng/ml



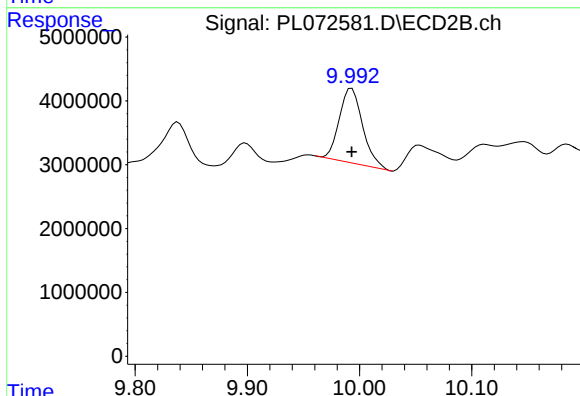
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 6477121
Conc: 9.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

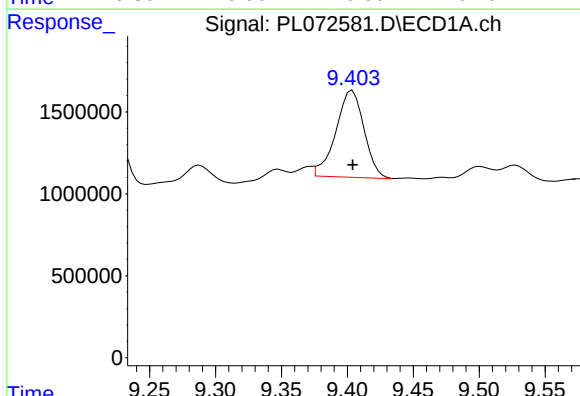
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Supervised By :Ankita Jodhani 02/10/2022



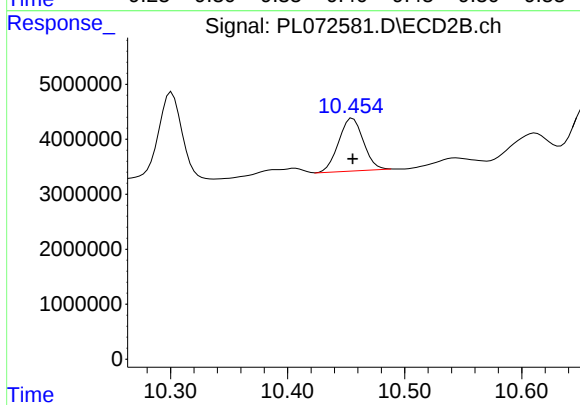
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.000 min
Response: 16558403
Conc: 10.39 ng/ml



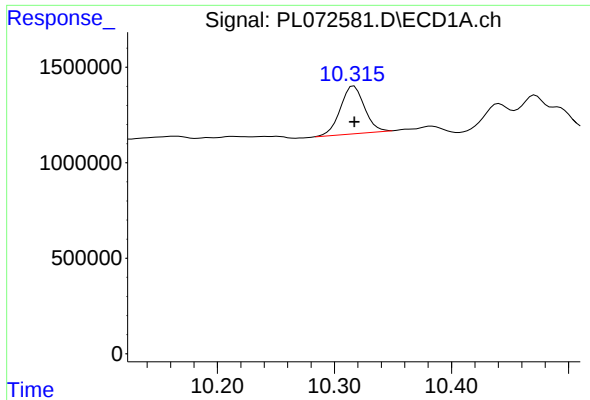
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.001 min
Response: 7849355
Conc: 13.23 ng/ml m



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.001 min
Response: 14103555
Conc: 12.01 ng/ml m



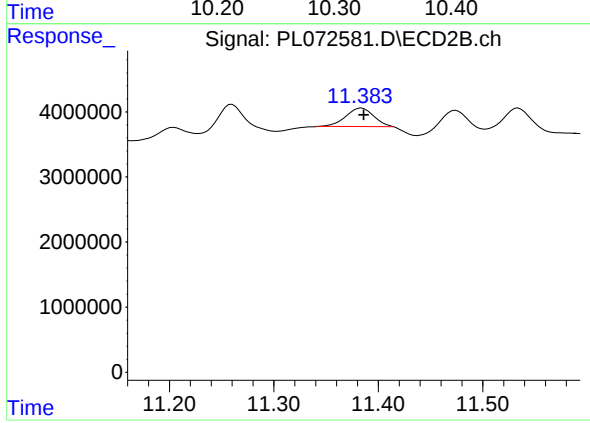
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 3633378
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
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#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 5306003
Conc: 3.35 ng/ml m