

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121521\
 Data File : PL071471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2021 19:57
 Operator : AR\AJ
 Sample : M5089-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MS-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/16/2021
 Supervised By : Ankita Jodhani 12/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:39:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.560	5.497	9521744	29484157	20.088	24.749
28)	SA Decachlor...	10.317	11.384	12566970	23888485	18.915	21.987
Target Compounds							
2)	A alpha-BHC	5.266	6.077	29902520	85352071	47.018	49.632
3)	MA gamma-BHC...	5.688	6.472	31117556	77705037	47.621	48.684
4)	MA Heptachlor	6.095	7.118	33799803	78771789	48.926	49.348
5)	MB Aldrin	6.418	7.488	32166721	76344626	52.238	52.271
6)	B beta-BHC	6.072	6.730	14526814	35277247	50.872	44.072
7)	B delta-BHC	6.330	6.994	13103954	35897017	20.952	23.494m
8)	B Heptachlo...	6.996	7.956	30457248	65911190	49.763	49.136
9)	A Endosulfan I	7.397	8.360	27196366	61303844	46.845	51.077
10)	B gamma-Chl...	7.270	8.224	31712046	71031807	51.090m	54.934
11)	B alpha-Chl...	7.342	8.305	31404587	67452825	50.351	53.089
12)	B 4,4'-DDE	7.556	8.494	28758900	55444350	52.698	46.546
13)	MA Dieldrin	7.683	8.649	32323949	64235248	55.197	52.834
14)	MA Endrin	7.973	8.887	28855948	53712412	52.684	53.018
15)	B Endosulfa...	8.286	9.122	29656111	60974390	54.413	60.423
16)	A 4,4'-DDD	8.140	9.032	21803776	56562910	46.325m	64.079m#
17)	MA 4,4'-DDT	8.403	9.351	21482994	47880493	42.095	48.420
18)	B Endrin al...	8.474	9.258	22368292	43225072	52.600	57.384
19)	B Endosulfa...	8.705	9.495	25661381	45064977	44.697	45.980
20)	A Methoxychlor	8.997	9.838	15725708	26899394	48.552m	53.587
21)	B Endrin ke...	9.223	9.991	31233613	56913041	47.356	54.121
22)	Mirex	9.403	10.454	28862077	56331560	49.747m	69.990 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121521\
Data File : PL071471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2021 19:57
Operator : AR\AJ
Sample : M5089-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

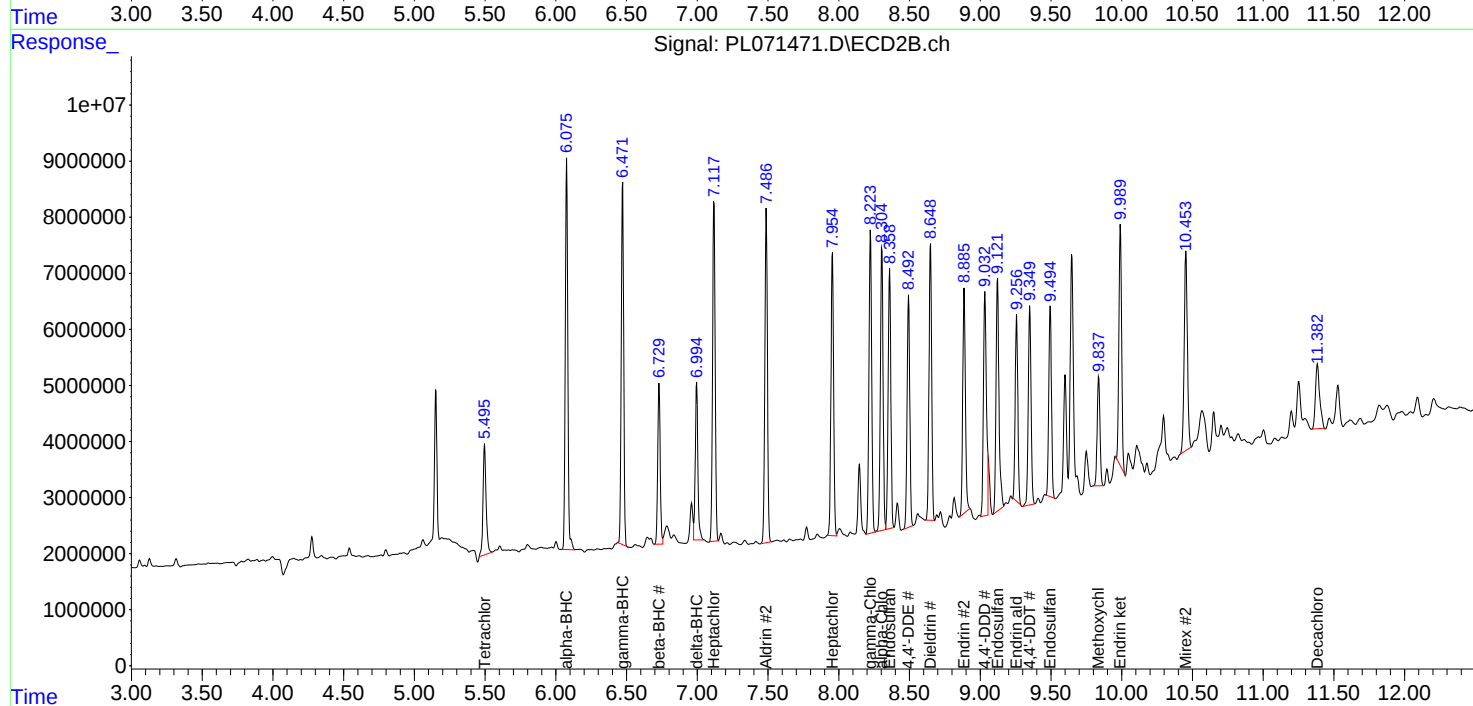
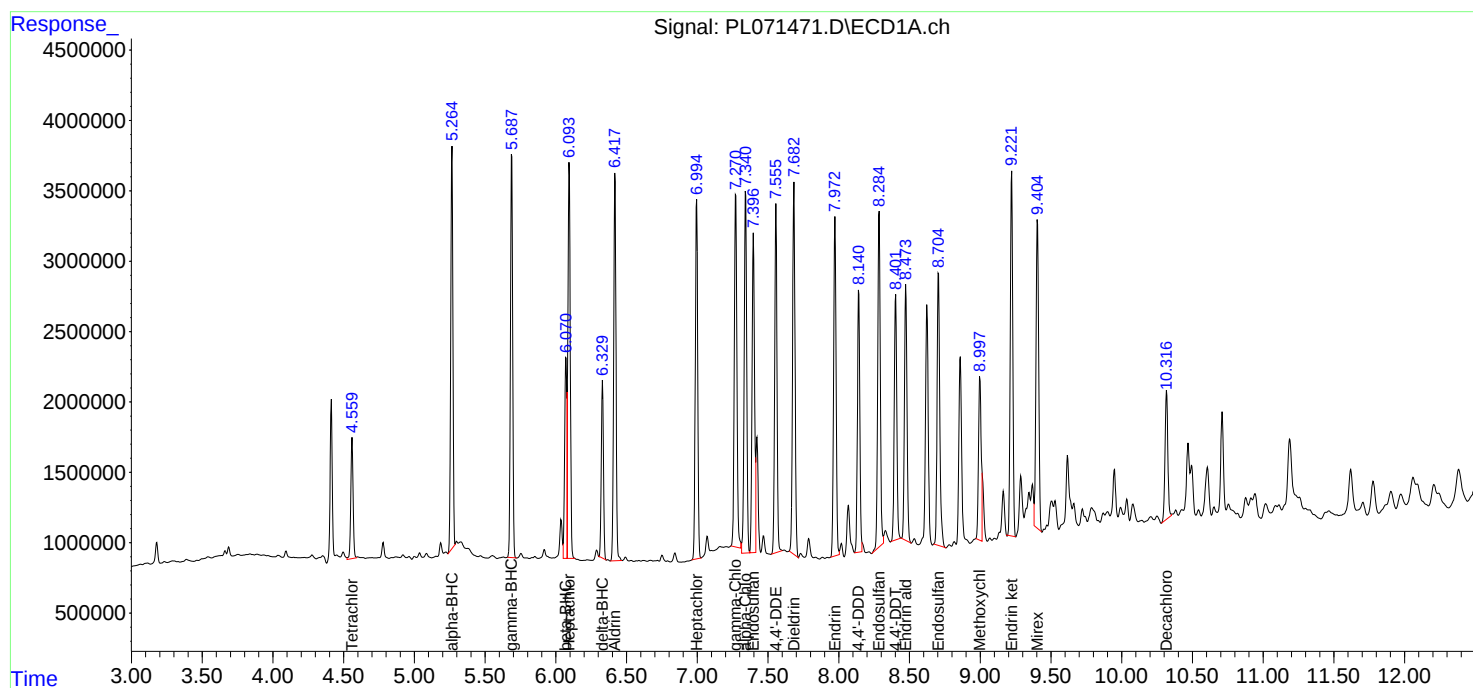
Instrument :
ECD_L
ClientSampleId :
MS-1MSD

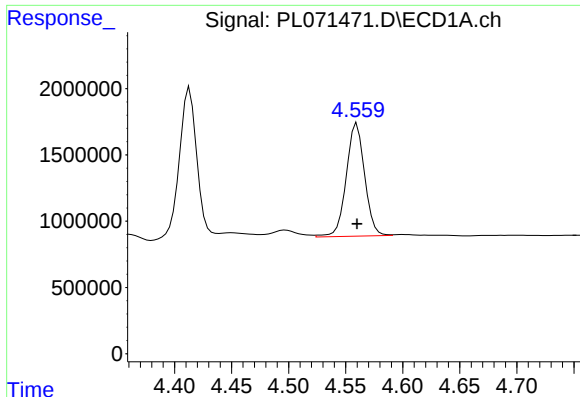
Manual Integrations
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Reviewed By :Abdul Mirza 12/16/2021
Supervised By :Ankita Jodhani 12/16/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 00:39:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 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





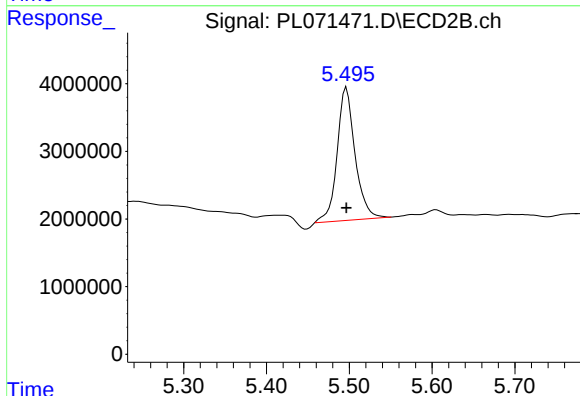
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 9521744
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

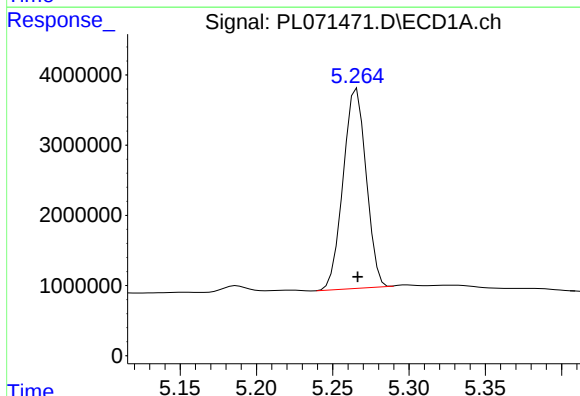
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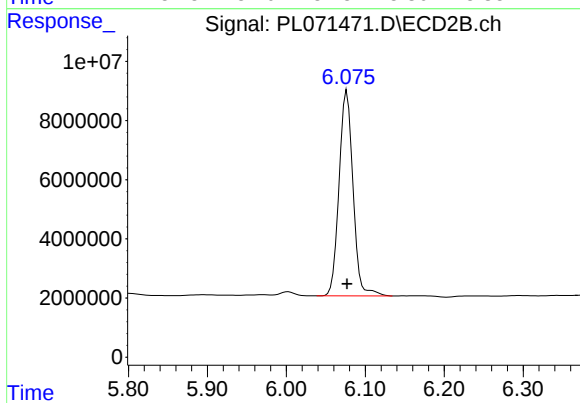
#1 Tetrachloro-m-xylene

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 29484157
Conc: 24.75 ng/ml



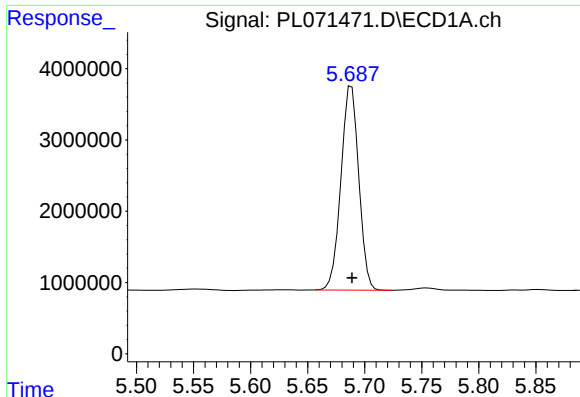
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 29902520
Conc: 47.02 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 85352071
Conc: 49.63 ng/ml



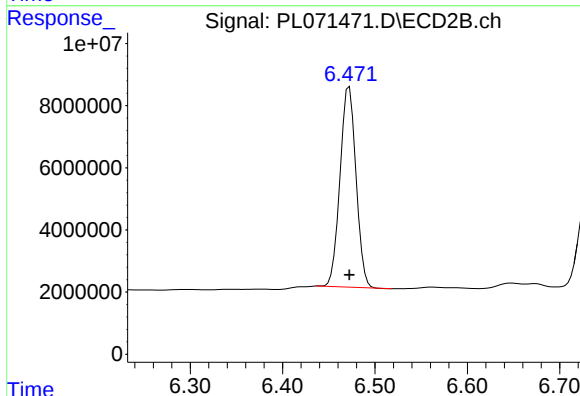
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 31117556
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

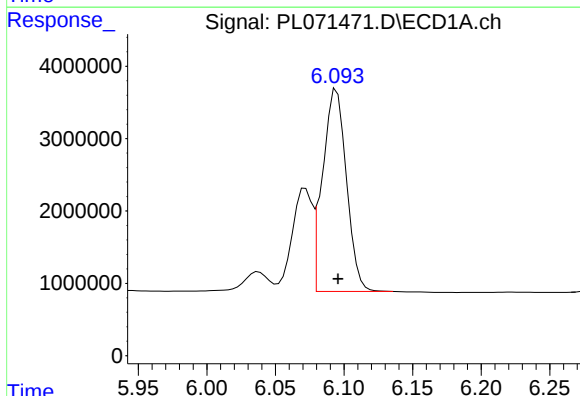
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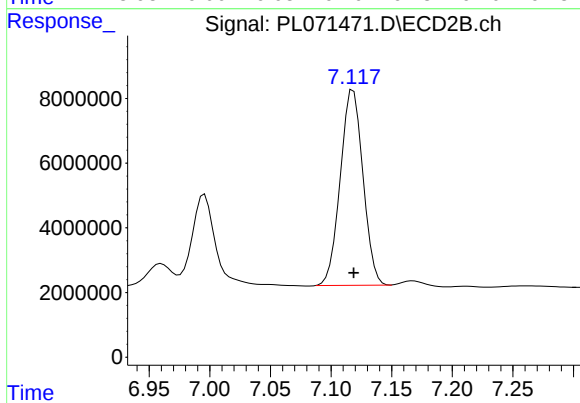
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 77705037
Conc: 48.68 ng/ml



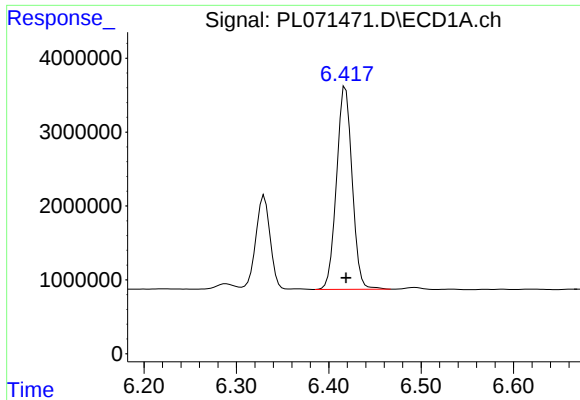
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: -0.001 min
Response: 33799803
Conc: 48.93 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 78771789
Conc: 49.35 ng/ml



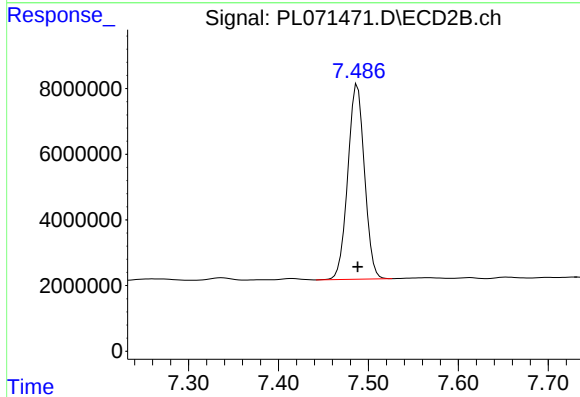
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 32166721
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

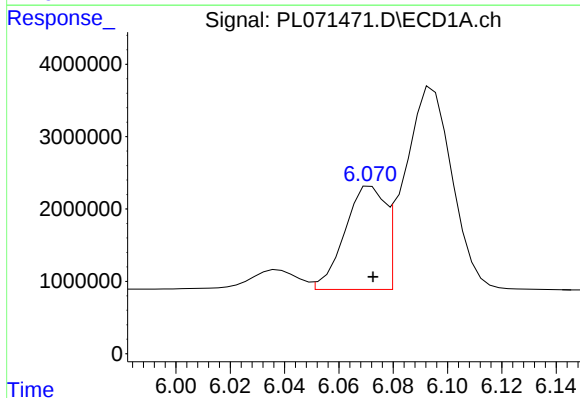
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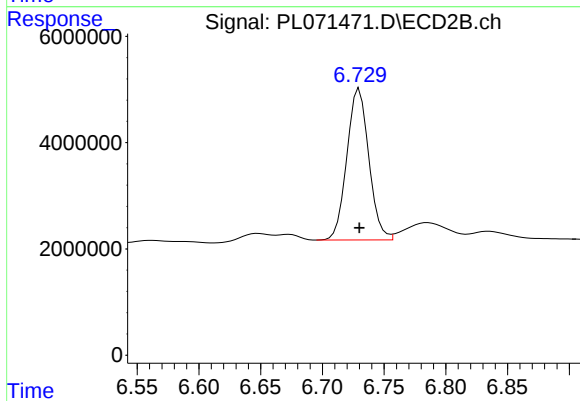
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 76344626
Conc: 52.27 ng/ml



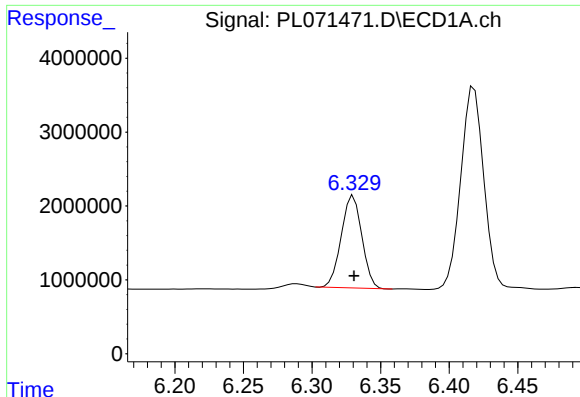
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 14526814
Conc: 50.87 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 35277247
Conc: 44.07 ng/ml



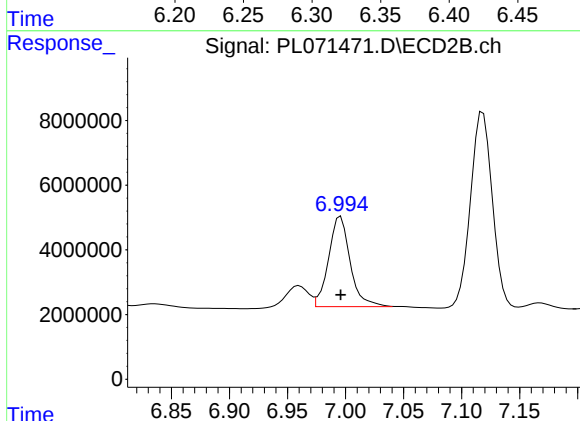
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13103954
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

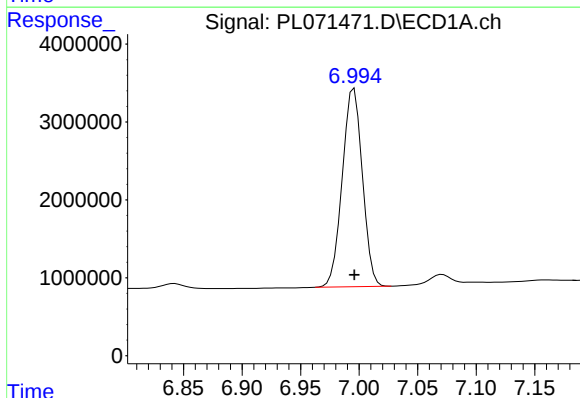
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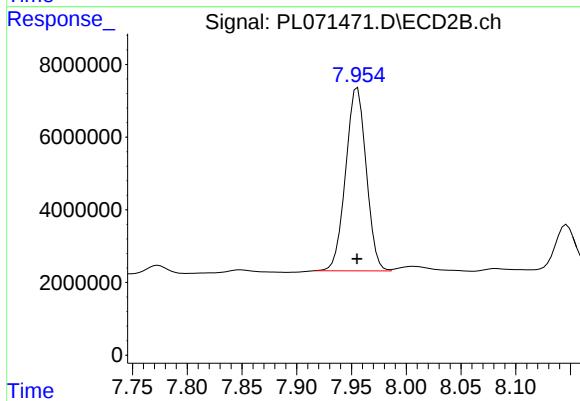
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 35897017
Conc: 23.49 ng/ml m



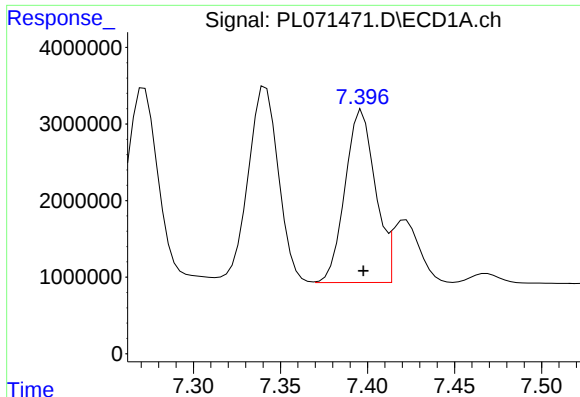
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 30457248
Conc: 49.76 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 65911190
Conc: 49.14 ng/ml



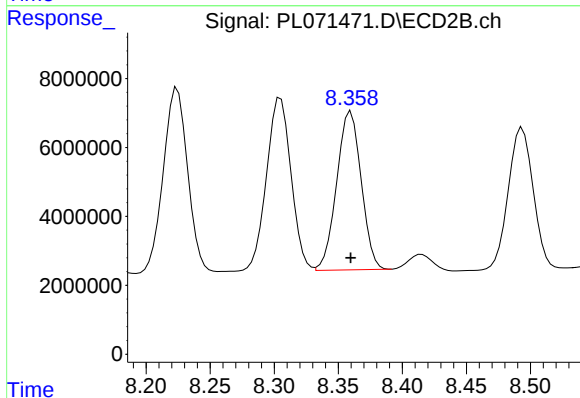
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 27196366
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

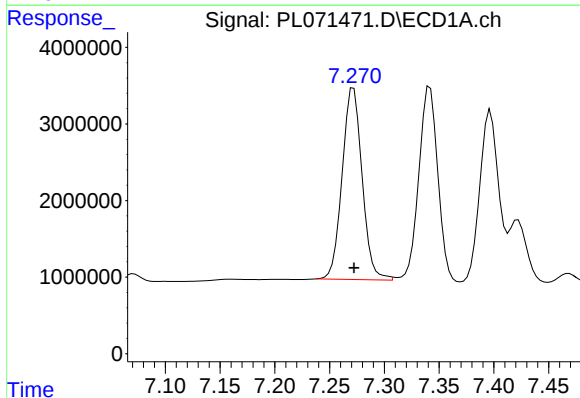
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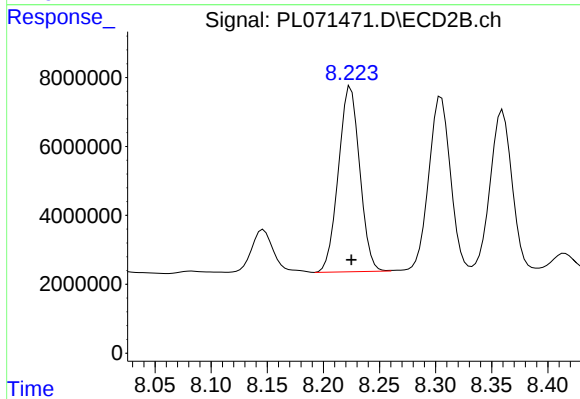
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 61303844
Conc: 51.08 ng/ml



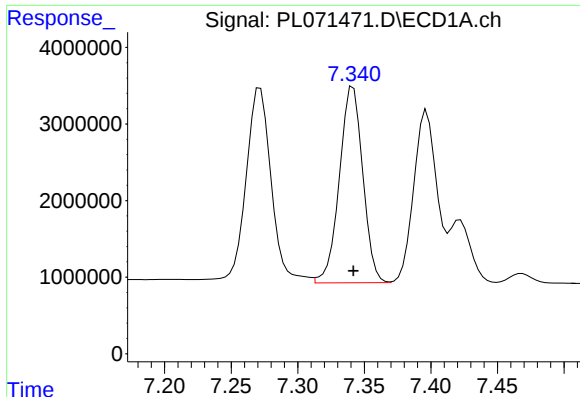
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 31712046
Conc: 51.09 ng/ml m



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 71031807
Conc: 54.93 ng/ml



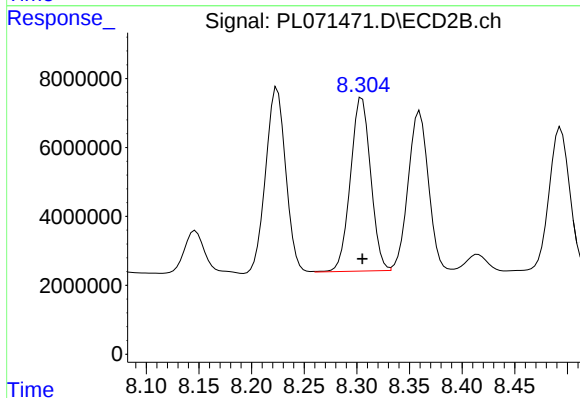
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 31404587
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

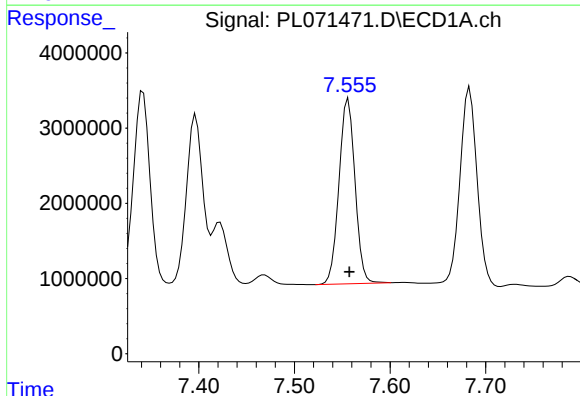
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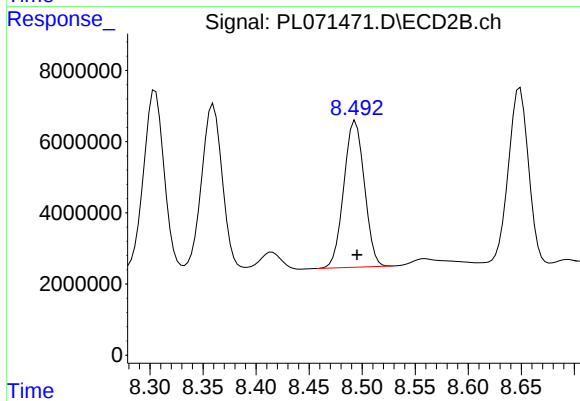
#11 alpha-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 67452825
Conc: 53.09 ng/ml



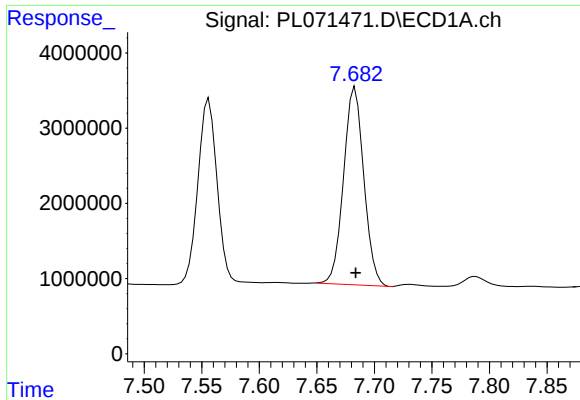
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 28758900
Conc: 52.70 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.001 min
Response: 55444350
Conc: 46.55 ng/ml



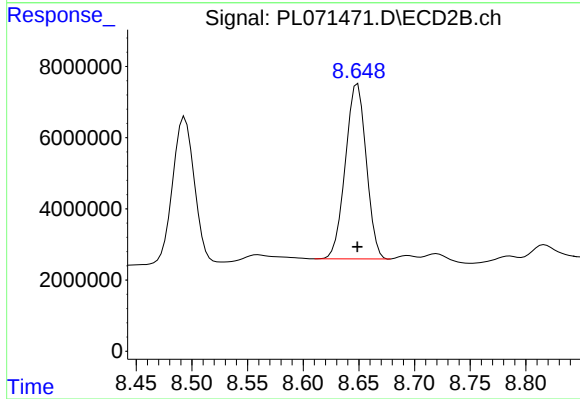
#13 Dieldrin

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 32323949
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

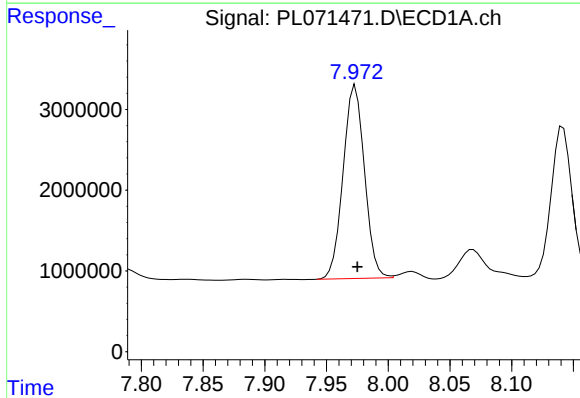
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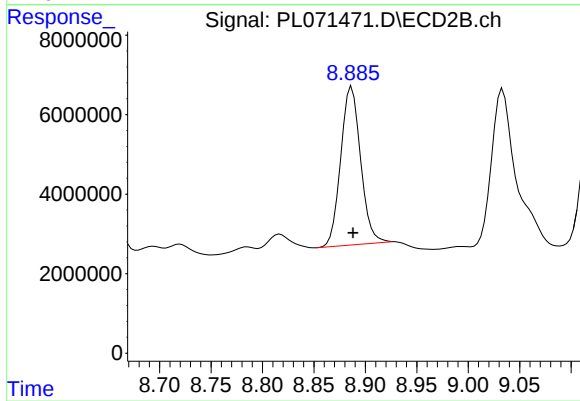
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 64235248
Conc: 52.83 ng/ml



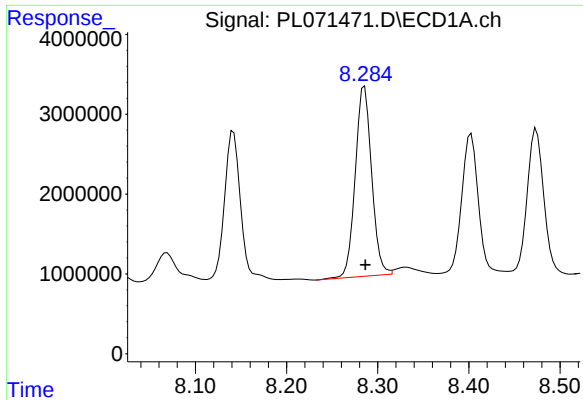
#14 Endrin

R.T.: 7.973 min
Delta R.T.: -0.002 min
Response: 28855948
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 53712412
Conc: 53.02 ng/ml



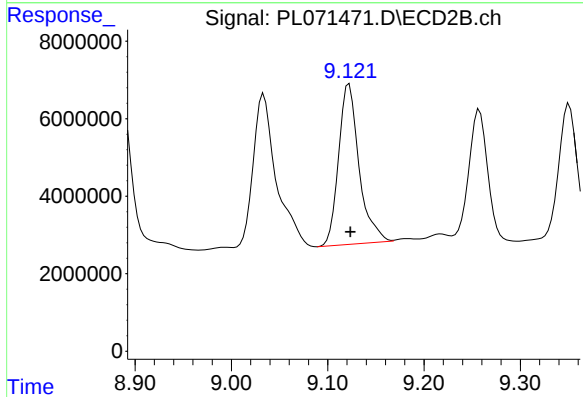
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 29656111
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

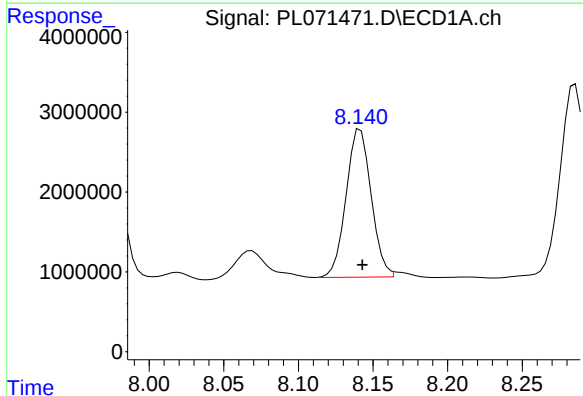
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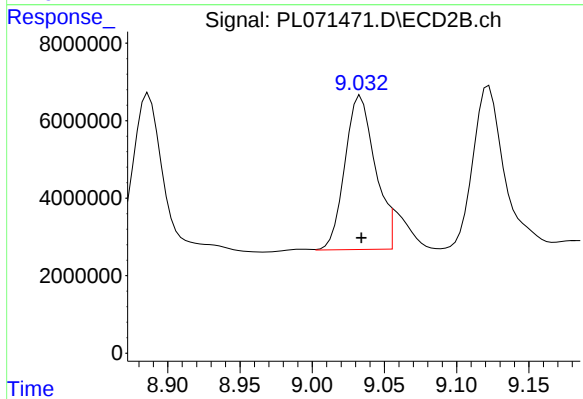
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.001 min
Response: 60974390
Conc: 60.42 ng/ml



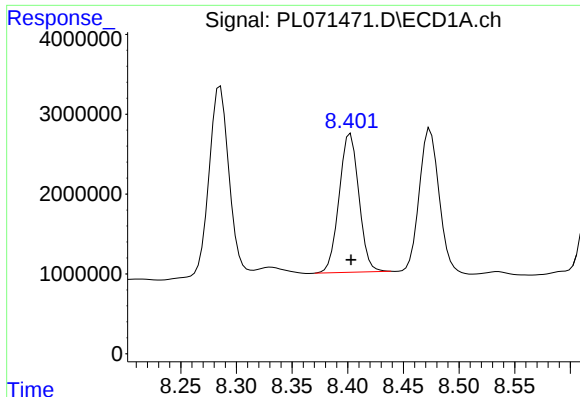
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 21803776
Conc: 46.32 ng/ml m



#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 56562910
Conc: 64.08 ng/ml m



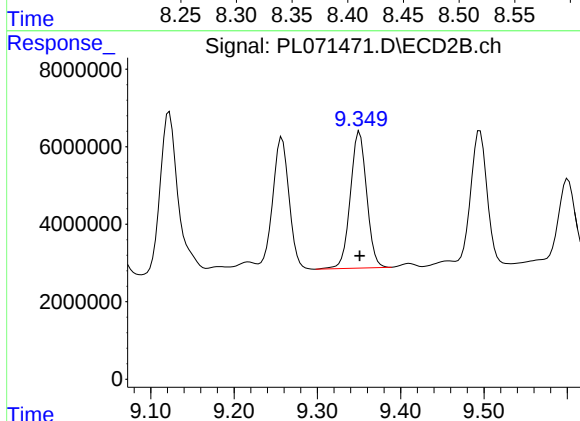
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 21482994
Conc: 42.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

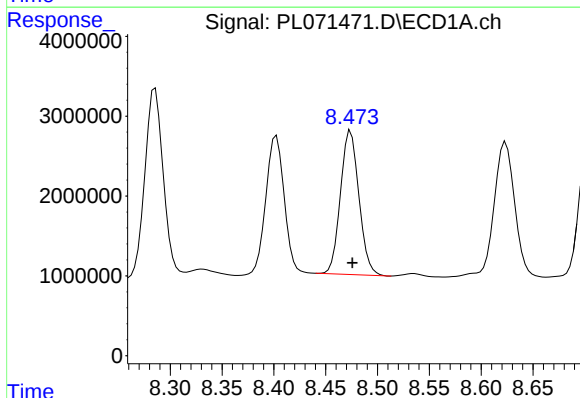
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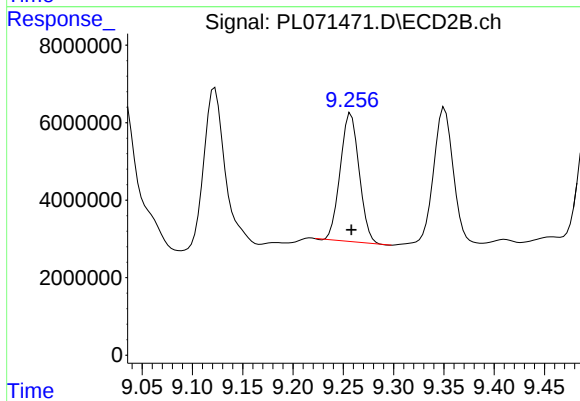
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 47880493
Conc: 48.42 ng/ml



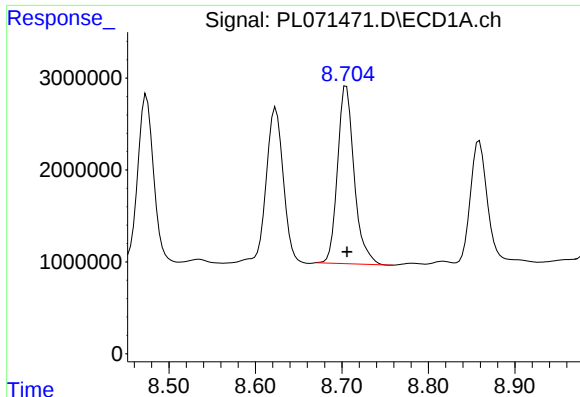
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 22368292
Conc: 52.60 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 43225072
Conc: 57.38 ng/ml



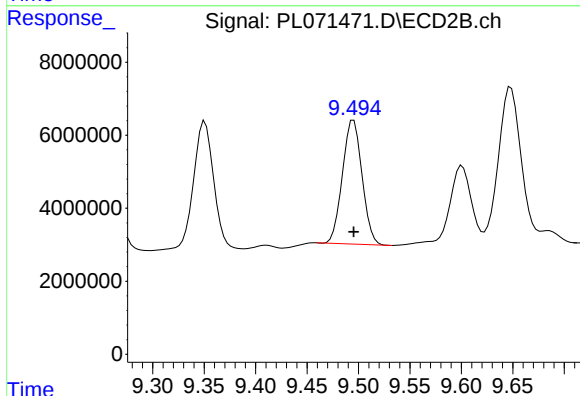
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 25661381
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

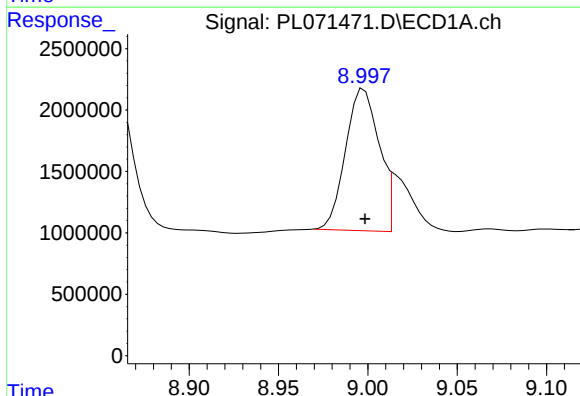
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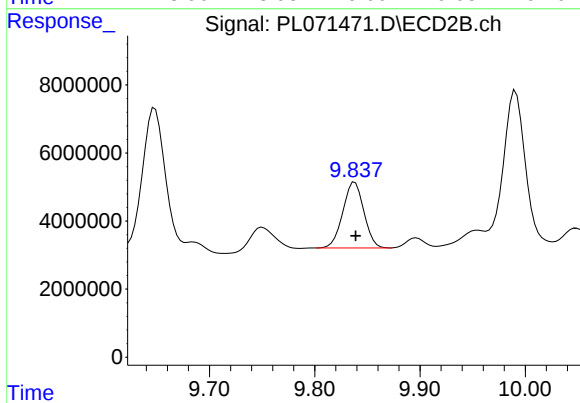
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 45064977
Conc: 45.98 ng/ml



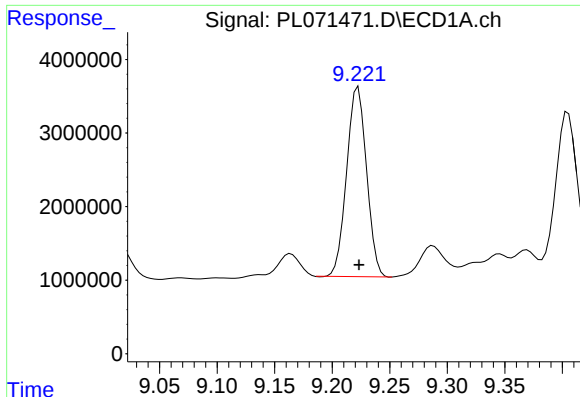
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.002 min
Response: 15725708
Conc: 48.55 ng/ml m



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 26899394
Conc: 53.59 ng/ml



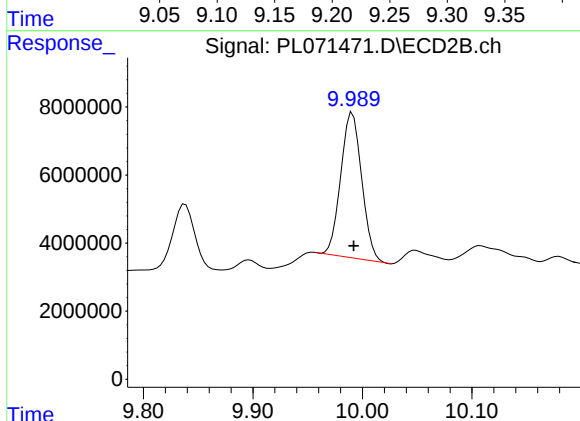
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 31233613
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

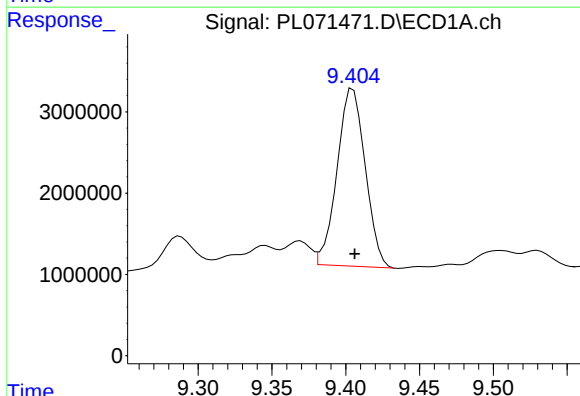
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APPROVED

Reviewed By :Abdul Mirza 12/16/2021
Supervised By :Ankita Jodhani 12/16/2021



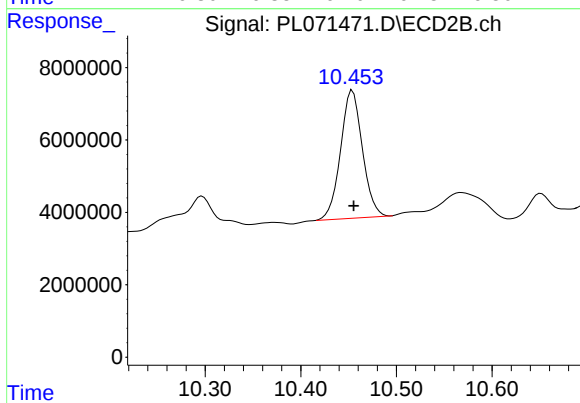
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.001 min
Response: 56913041
Conc: 54.12 ng/ml



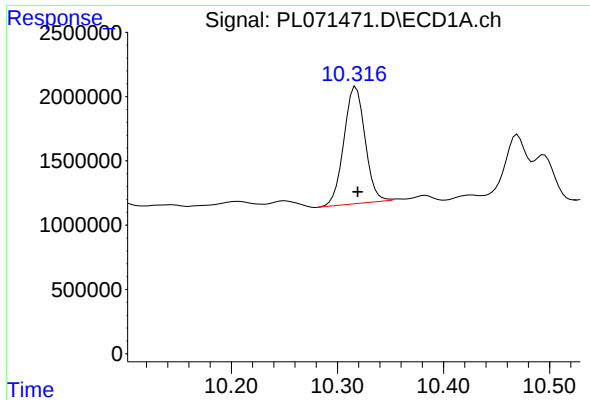
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.003 min
Response: 28862077
Conc: 49.75 ng/ml m



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.001 min
Response: 56331560
Conc: 69.99 ng/ml



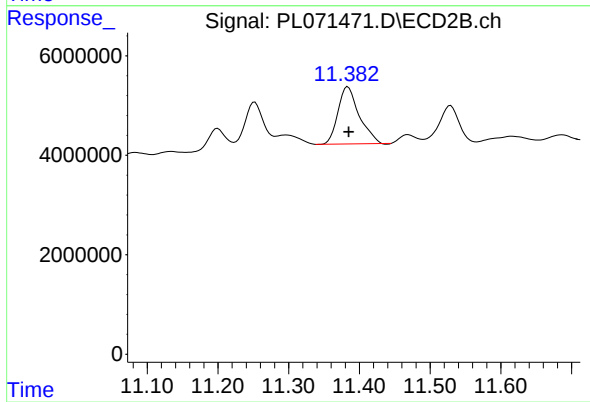
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.002 min
Response: 12566970
Conc: 18.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.001 min
Response: 23888485
Conc: 21.99 ng/ml