

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120921\
 Data File : PL071356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2021 16:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/10/2021
 Supervised By : Ankita Jodhani 12/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:42:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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...	4.563	5.499	10331823	25578811	21.997	20.383
28)	SA Decachlor...	10.325	11.389	14678002	24110895	20.271	17.346
Target Compounds							
2)	A alpha-BHC	5.268	6.079	6233374	17330530	9.535m	9.361
3)	MA gamma-BHC...	5.692	6.475	6134392	16167292	9.606	9.185
6)	B beta-BHC	6.075	6.732	3311075	8717077	10.937	9.905
12)	B 4,4'-DDE	7.562	8.498	338049	778298	0.597	0.506
14)	MA Endrin	7.980	8.892	27635677	56000760	48.865	41.734
16)	A 4,4'-DDD	8.148	9.037	785717	1329693	1.568	1.146 #
17)	MA 4,4'-DDT	8.408	9.355	56223992	107.5E6	102.784	77.254
18)	B Endrin al...	8.479	9.260	795279	1669361	1.736m	1.616m
20)	A Methoxychlor	9.004	9.841	73622911	129.5E6	203.774	178.588
21)	B Endrin ke...	9.227	9.995	2212045	2449462	3.104	1.673 #

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

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Data File : PL071356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2021 16:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

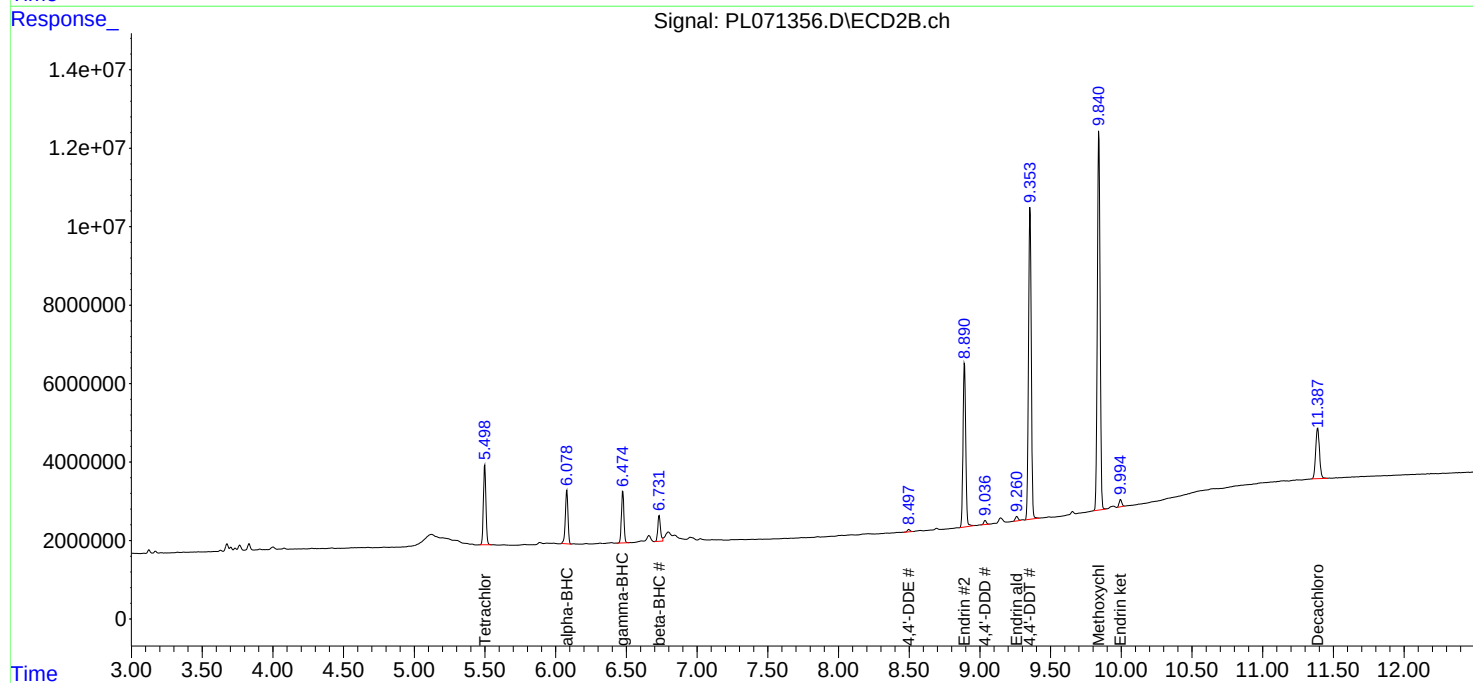
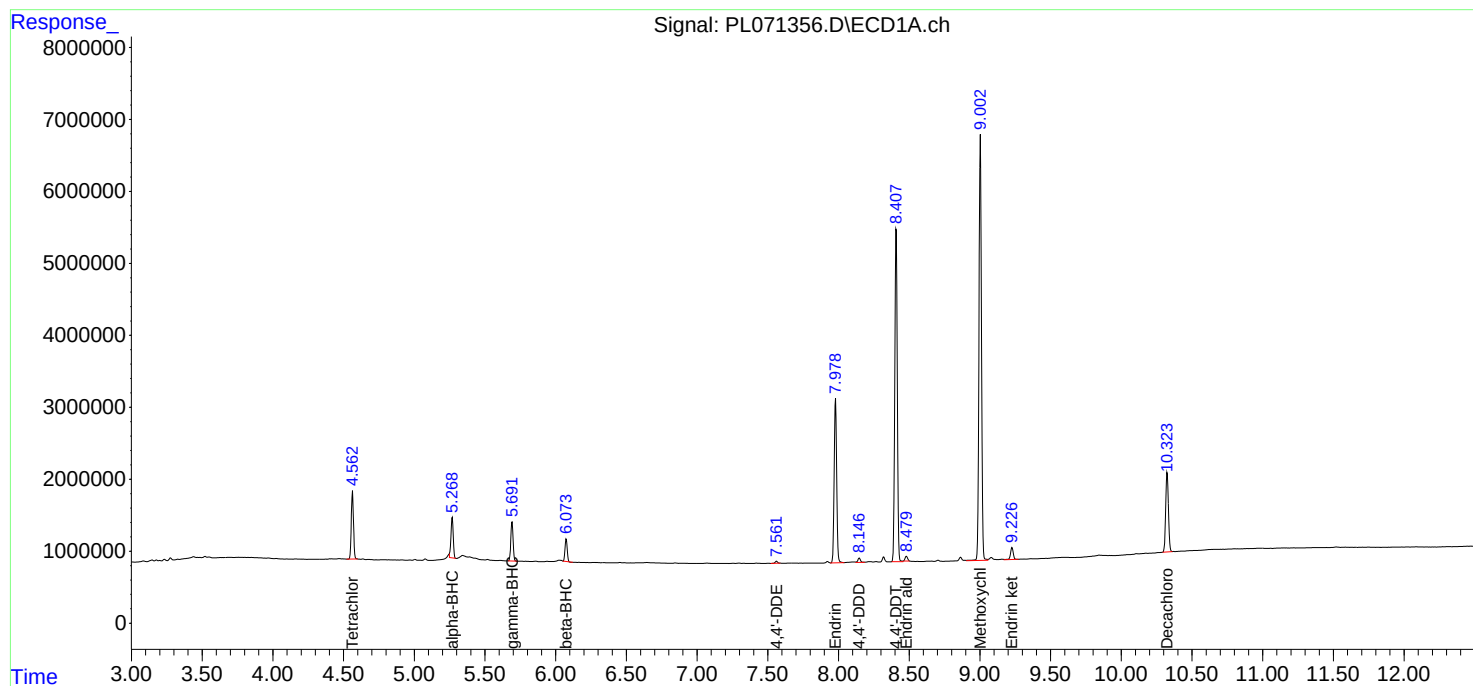
Instrument :
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ClientSampleId :
PEM

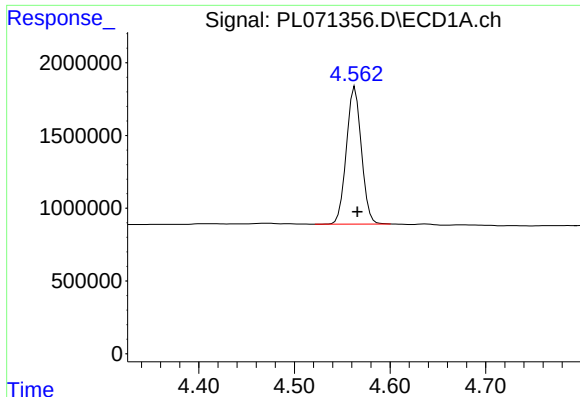
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:42:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 16:26:31 2021
Response 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





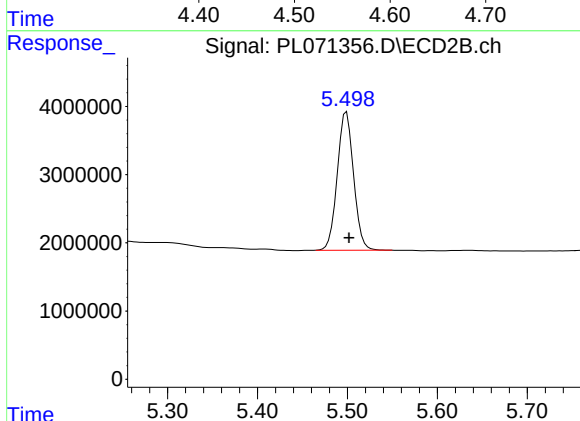
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 10331823
Conc: 22.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

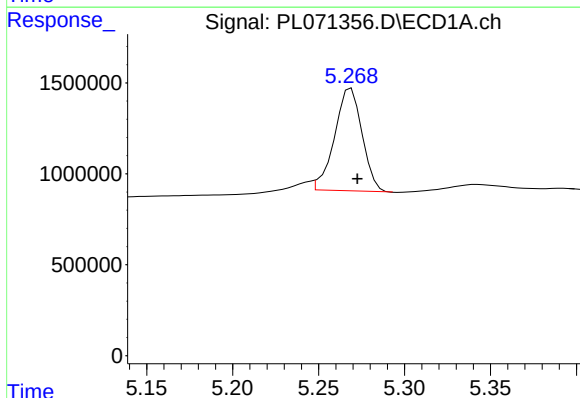
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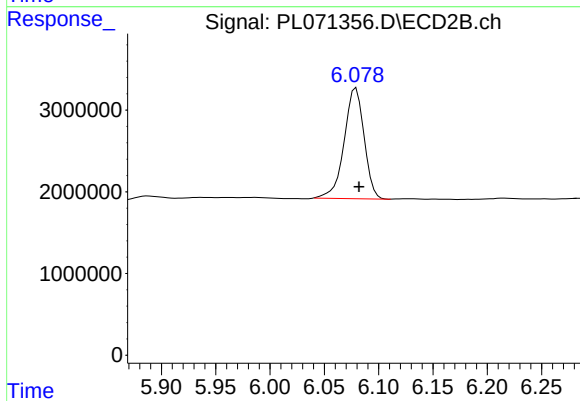
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 25578811
Conc: 20.38 ng/ml



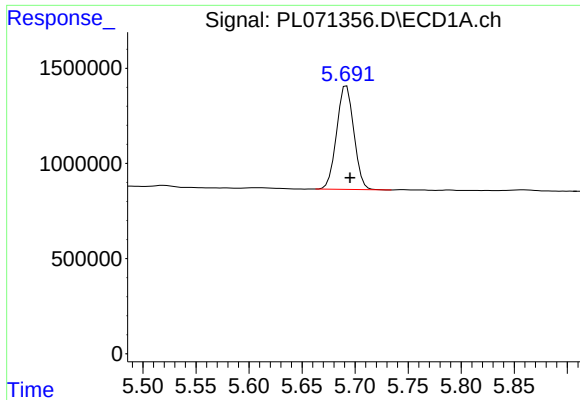
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 6233374
Conc: 9.54 ng/ml m



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 17330530
Conc: 9.36 ng/ml



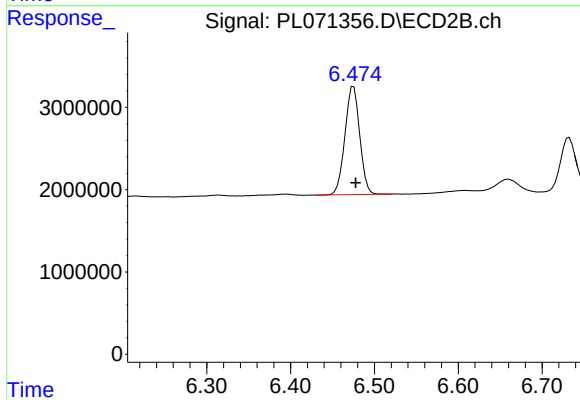
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 6134392
Conc: 9.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

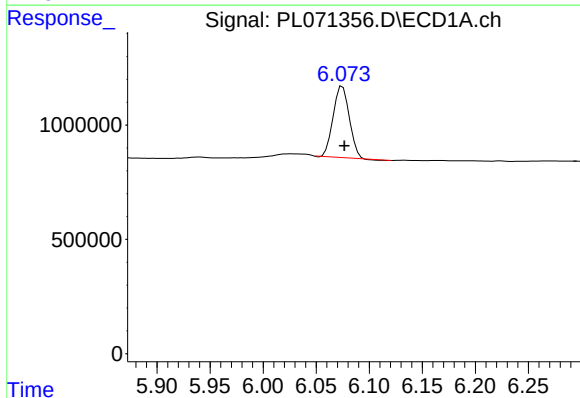
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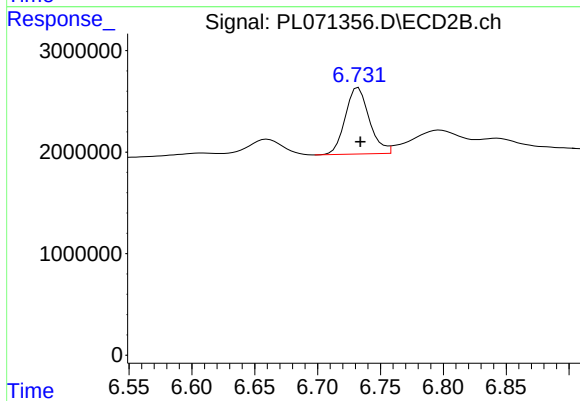
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 16167292
Conc: 9.18 ng/ml



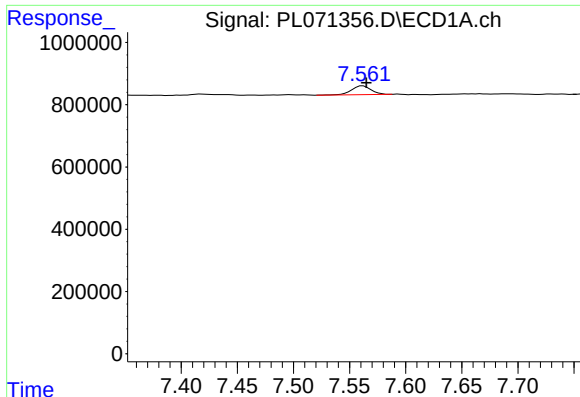
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 3311075
Conc: 10.94 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 8717077
Conc: 9.90 ng/ml



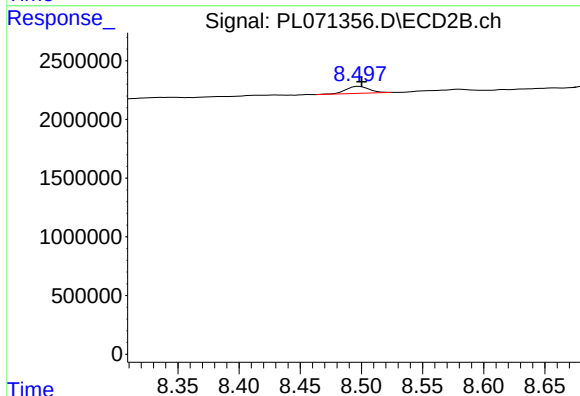
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 338049
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

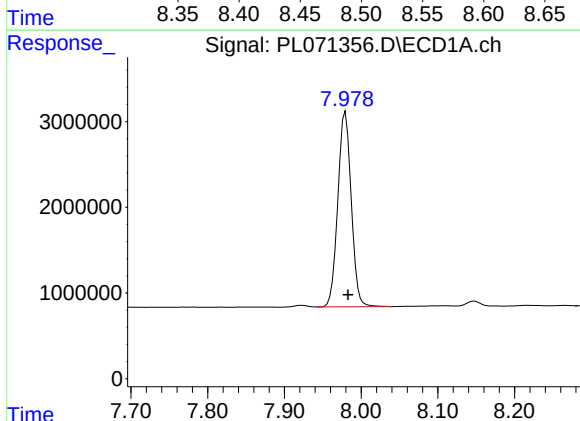
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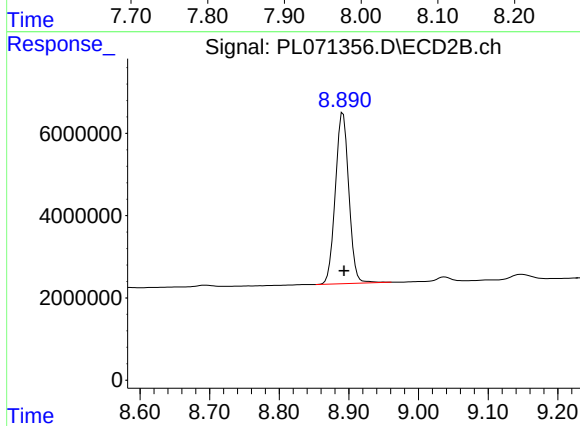
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 778298
Conc: 0.51 ng/ml



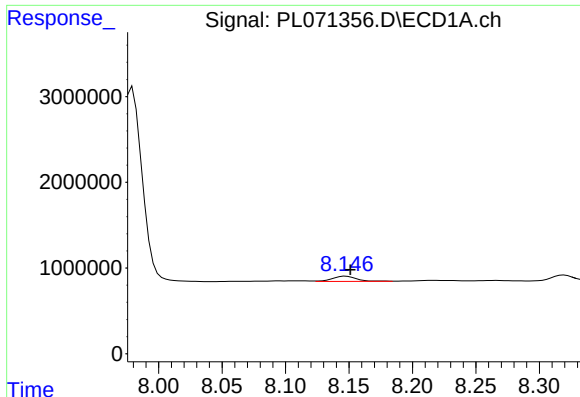
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 27635677
Conc: 48.86 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: -0.002 min
Response: 56000760
Conc: 41.73 ng/ml



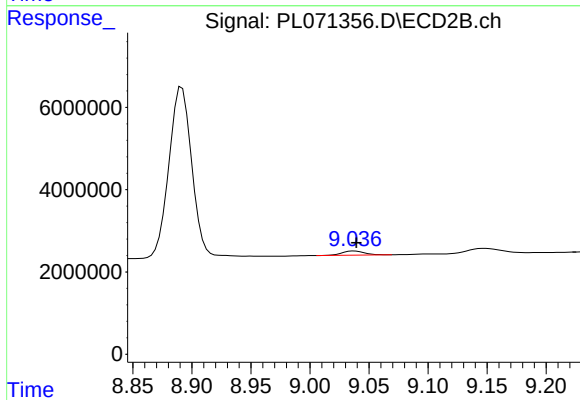
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 785717
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

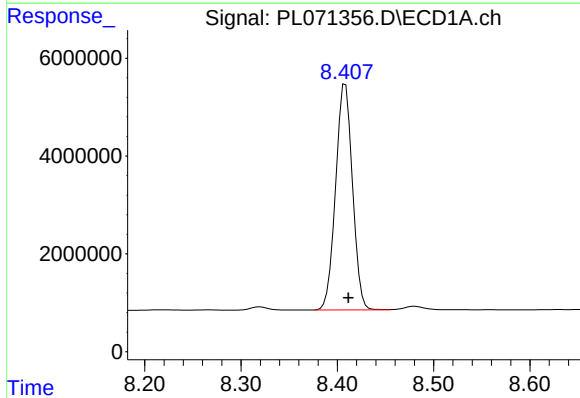
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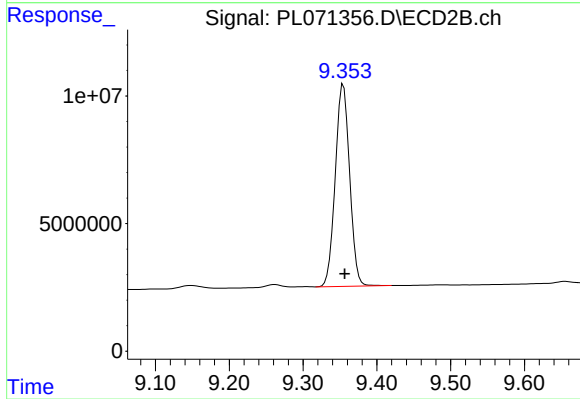
#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.002 min
Response: 1329693
Conc: 1.15 ng/ml



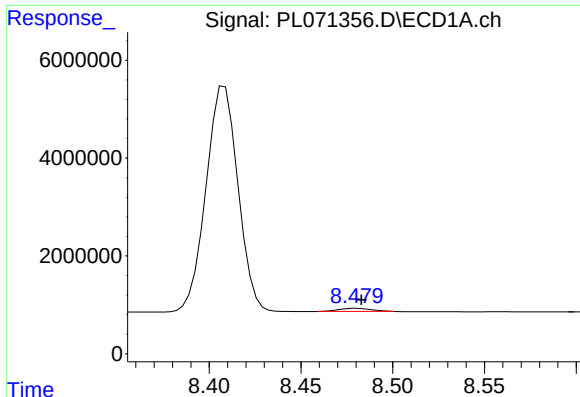
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 56223992
Conc: 102.78 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 107455259
Conc: 77.25 ng/ml



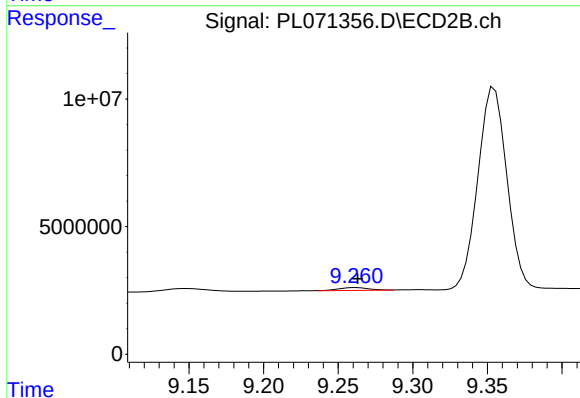
#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 795279
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

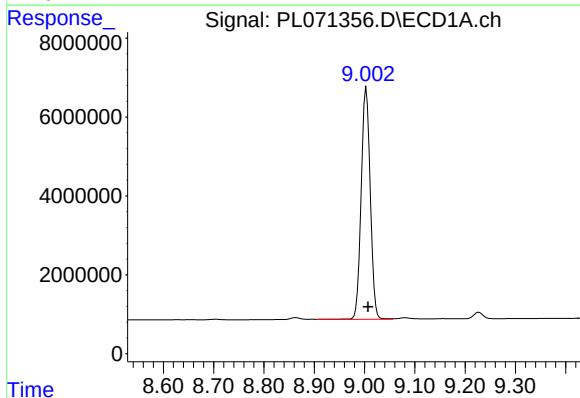
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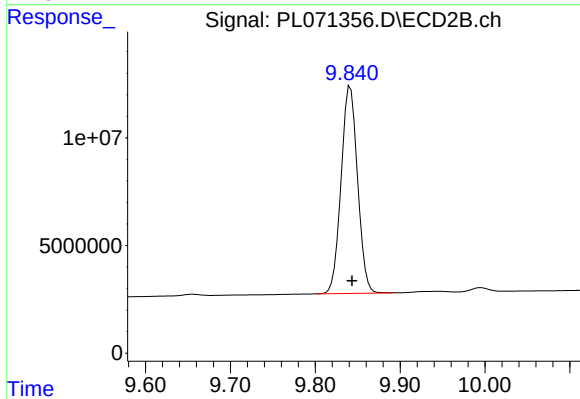
#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 1669361
Conc: 1.62 ng/ml m



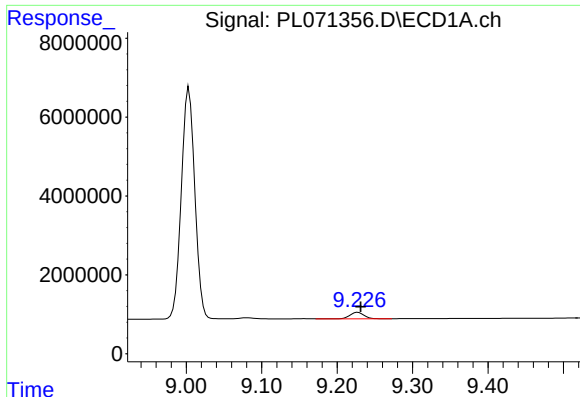
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 73622911
Conc: 203.77 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.002 min
Response: 129488495
Conc: 178.59 ng/ml



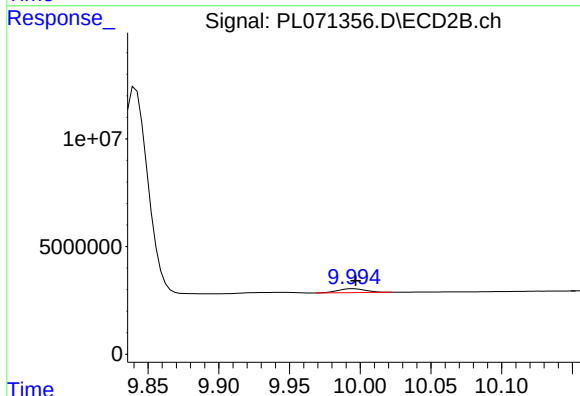
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: -0.004 min
Response: 2212045
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

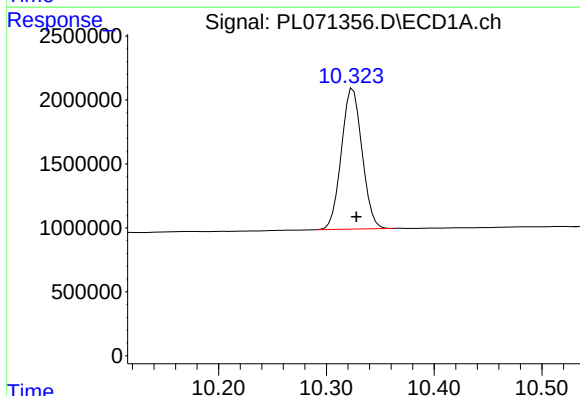
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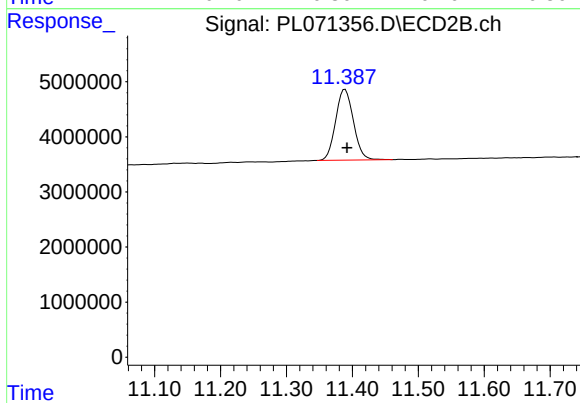
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2449462
Conc: 1.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.003 min
Response: 14678002
Conc: 20.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 24110895
Conc: 17.35 ng/ml