

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 16:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

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 05:34:43 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	5.488	9495461	34623052	19.720	20.044
28)	SA Decachlor...	10.311	11.378	17300554	37025190	22.852	23.348
Target Compounds							
2)	A alpha-BHC	5.257	6.070	5875616	22717470	8.911	9.486
3)	MA gamma-BHC...	5.680	6.466	5783195	21908591	9.202	9.515
6)	B beta-BHC	6.063	6.726	3291985	11371886	13.285m	11.155
12)	B 4,4'-DDE	7.548	8.488	124854	362634	0.205	0.194
14)	MA Endrin	7.967	8.882	33076881	88770169	56.464	56.339
16)	A 4,4'-DDD	8.136	9.031	324789	839947	0.675	0.607
17)	MA 4,4'-DDT	8.396	9.346	67605123	174.6E6	125.641	114.047
18)	B Endrin al...	8.473	9.254	176315	263692	0.404m	0.234m#
20)	A Methoxychlor	8.991	9.834	95152966	225.2E6	270.610	278.118
21)	B Endrin ke...	9.214	9.988	500718	1328319	0.729m	0.834

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

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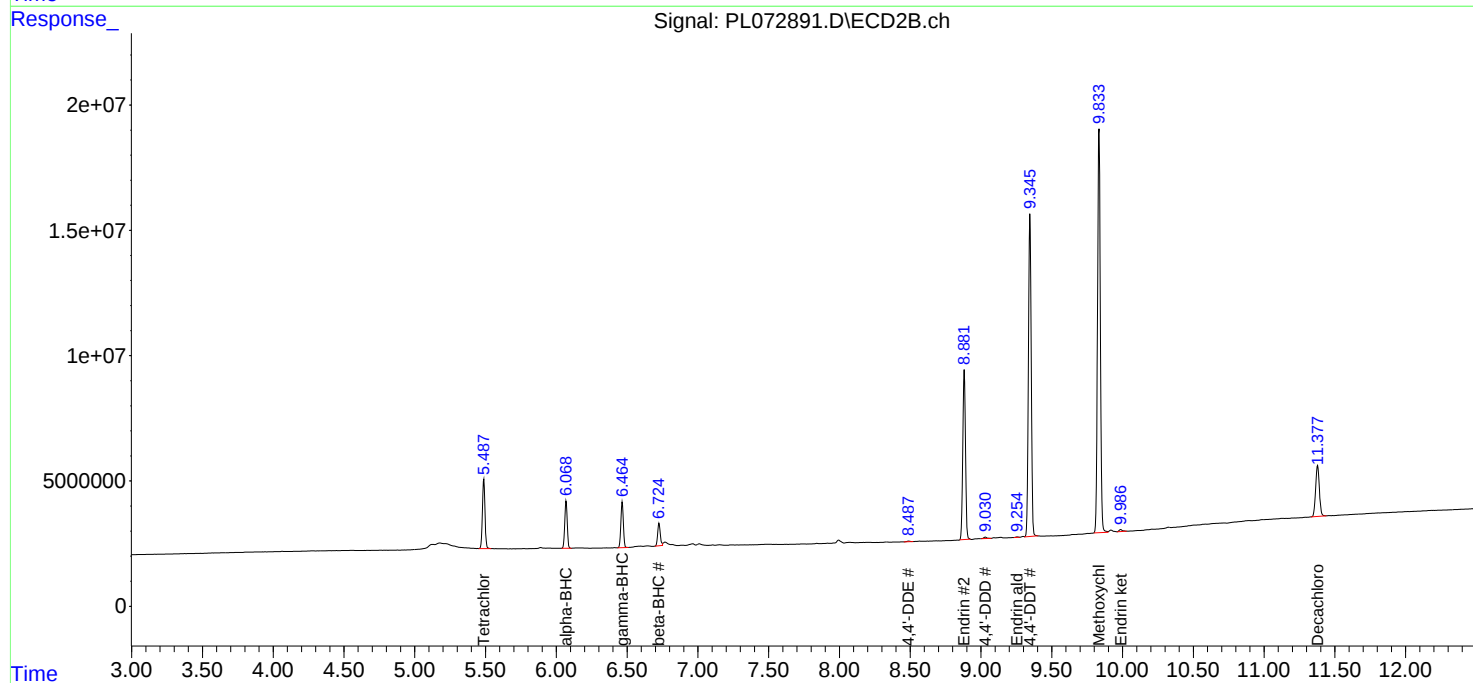
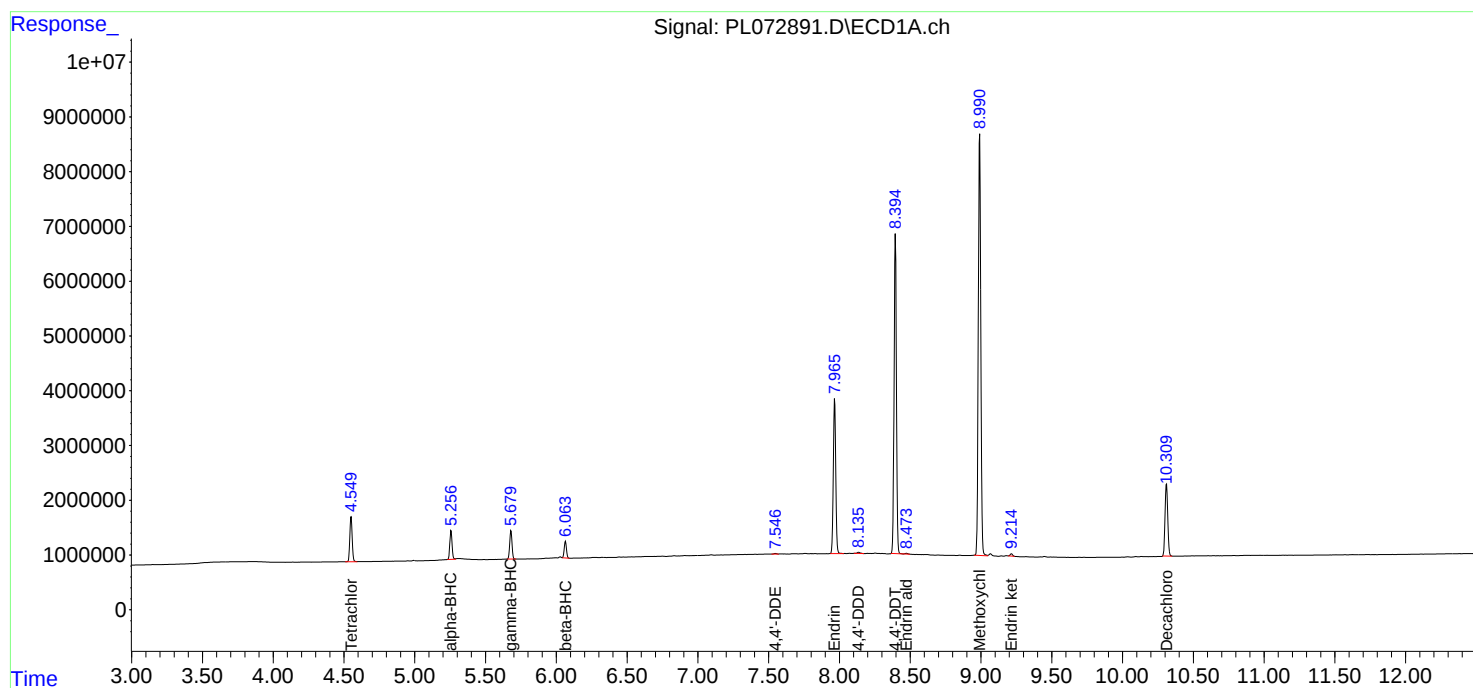
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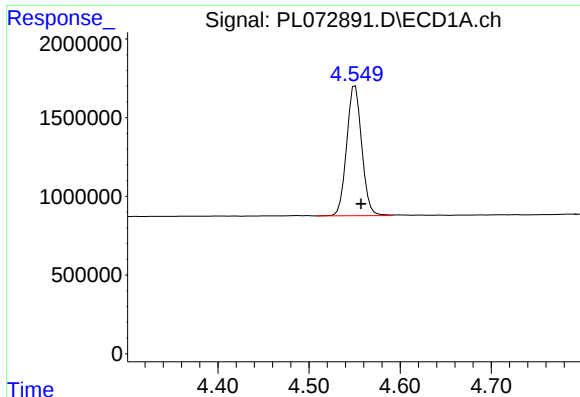
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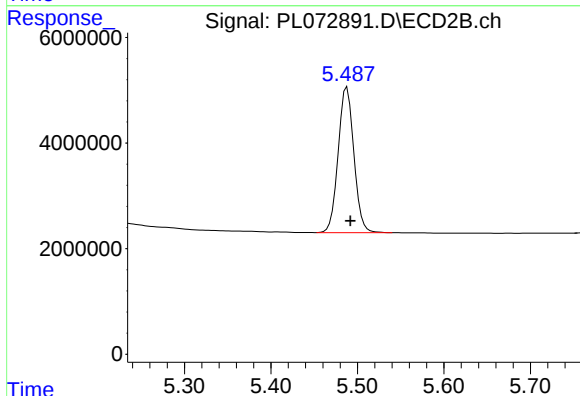
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 9495461
Conc: 19.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

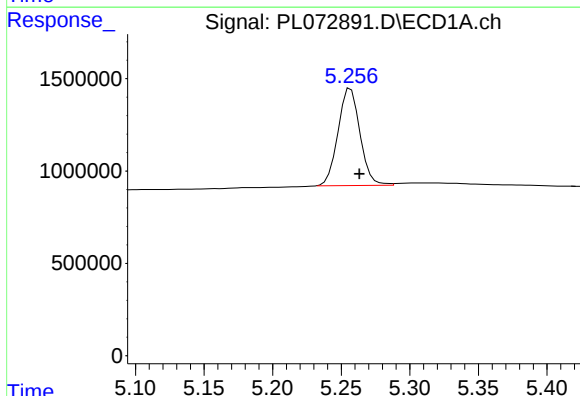
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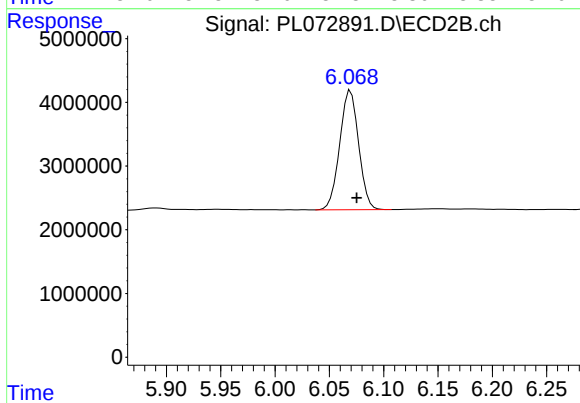
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 34623052
Conc: 20.04 ng/ml



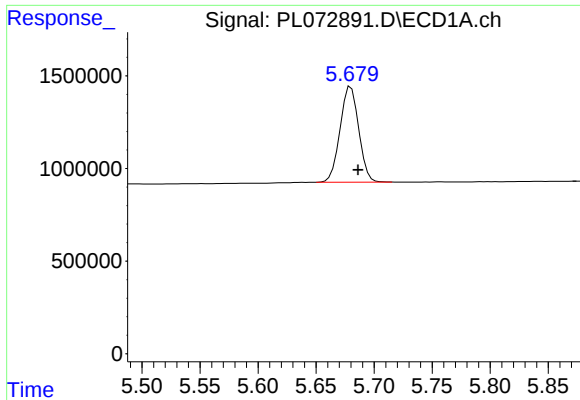
#2 alpha-BHC

R.T.: 5.257 min
Delta R.T.: -0.006 min
Response: 5875616
Conc: 8.91 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 22717470
Conc: 9.49 ng/ml



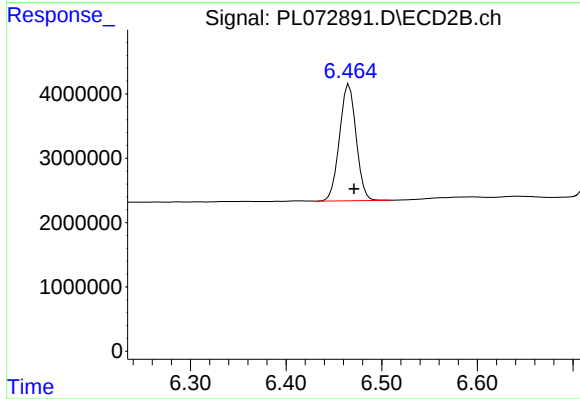
#3 gamma-BHC (Lindane)

R.T.: 5.680 min
Delta R.T.: -0.006 min
Response: 5783195
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

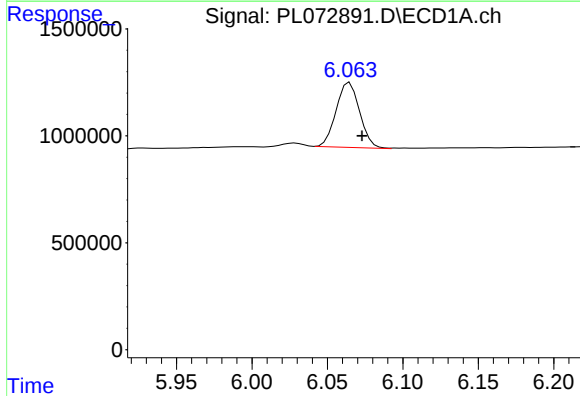
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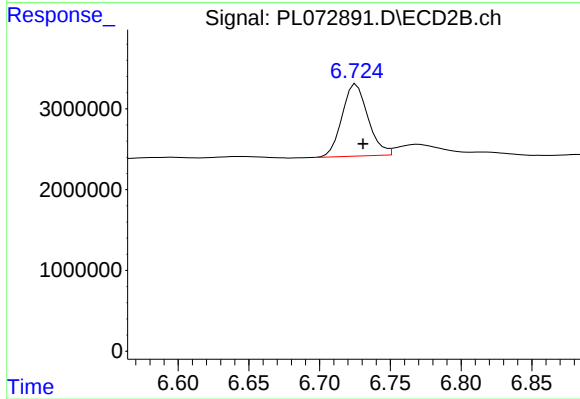
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 21908591
Conc: 9.52 ng/ml



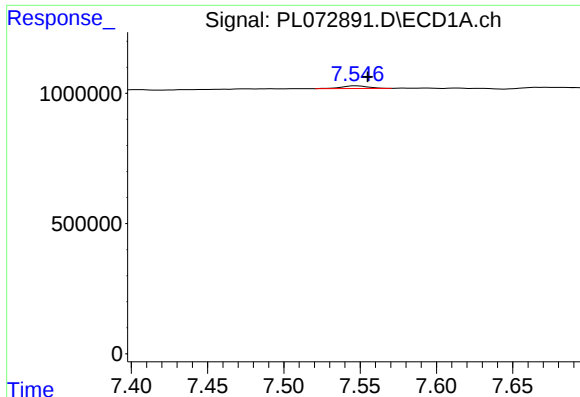
#6 beta-BHC

R.T.: 6.063 min
Delta R.T.: -0.010 min
Response: 3291985
Conc: 13.29 ng/ml m



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 11371886
Conc: 11.16 ng/ml



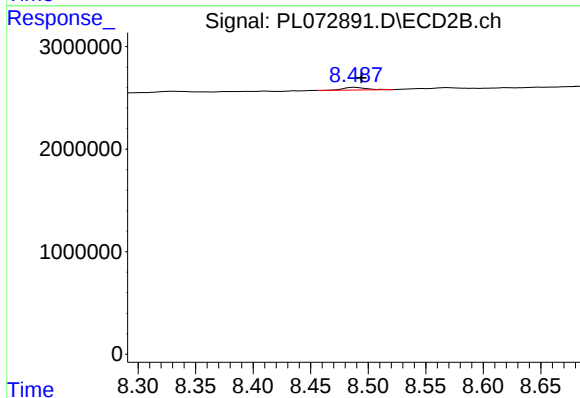
#12 4,4'-DDE

R.T.: 7.548 min
Delta R.T.: -0.007 min
Response: 124854
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

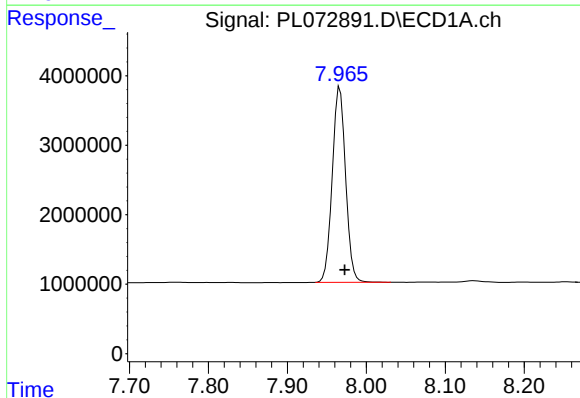
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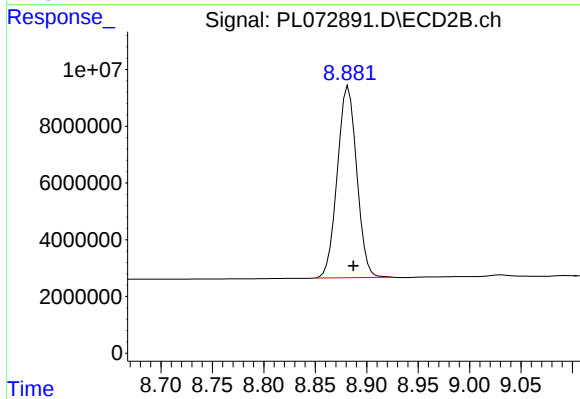
#12 4,4'-DDE

R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 362634
Conc: 0.19 ng/ml



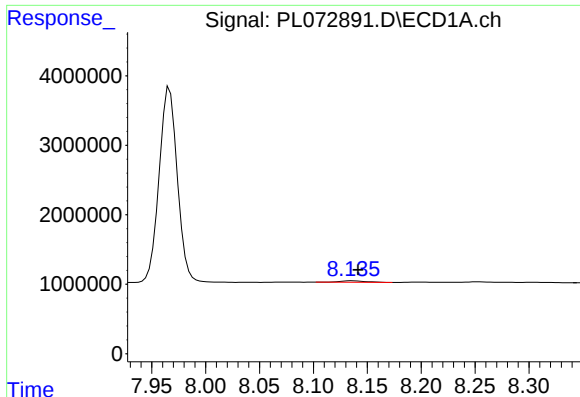
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.006 min
Response: 33076881
Conc: 56.46 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 88770169
Conc: 56.34 ng/ml



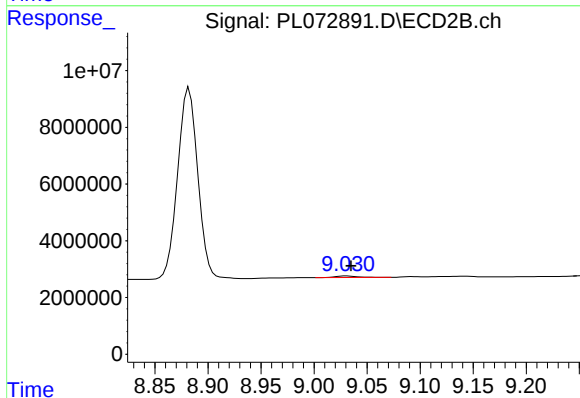
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 324789
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

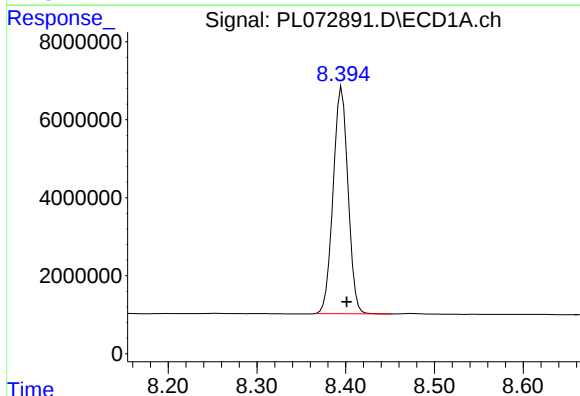
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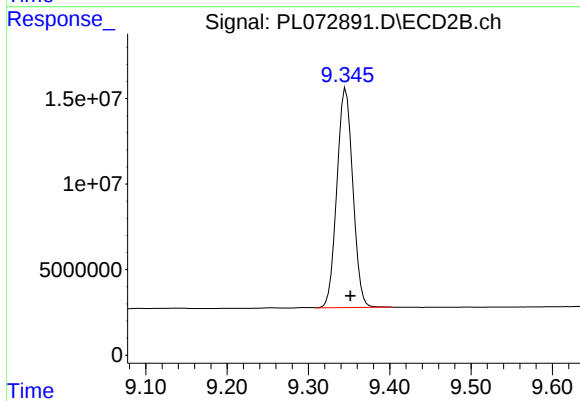
#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 839947
Conc: 0.61 ng/ml



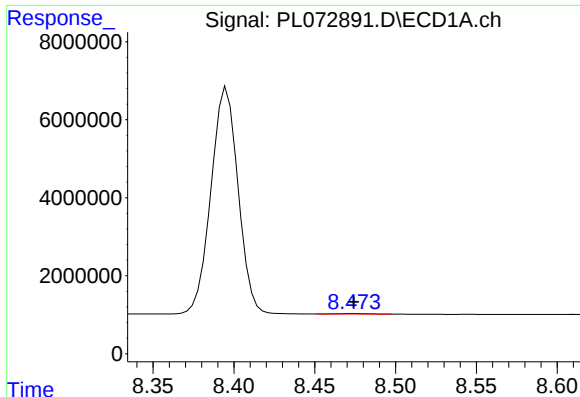
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 67605123
Conc: 125.64 ng/ml



#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 174589265
Conc: 114.05 ng/ml



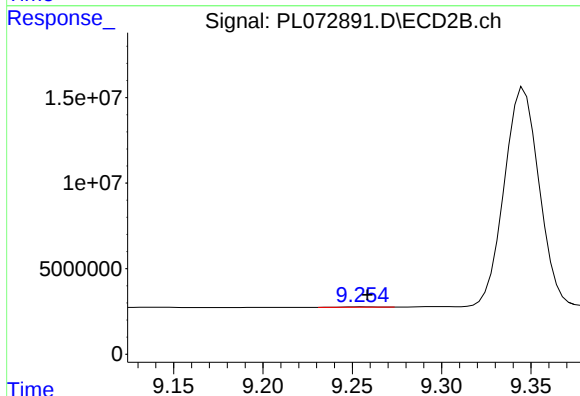
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.001 min
Response: 176315
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

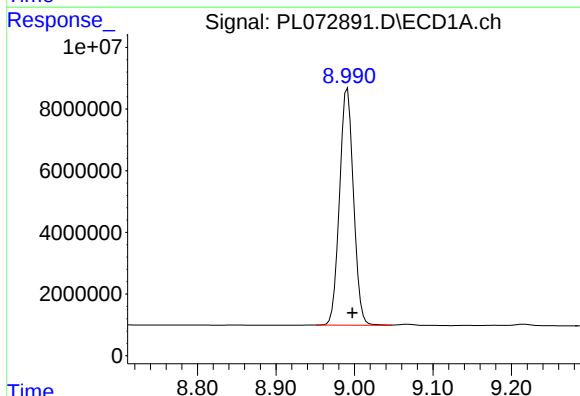
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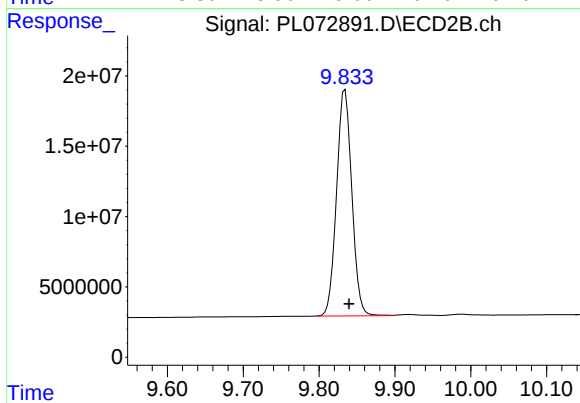
#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.004 min
Response: 263692
Conc: 0.23 ng/ml m



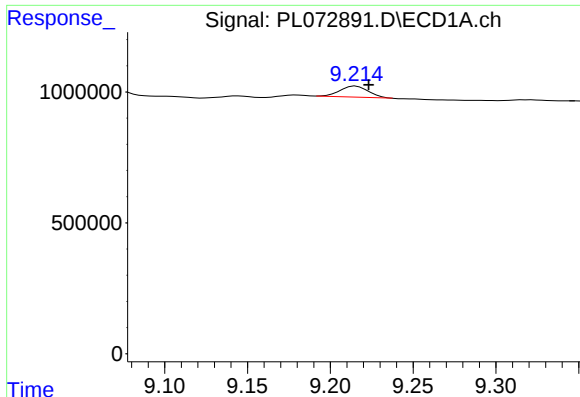
#20 Methoxychlor

R.T.: 8.991 min
Delta R.T.: -0.006 min
Response: 95152966
Conc: 270.61 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 225179172
Conc: 278.12 ng/ml



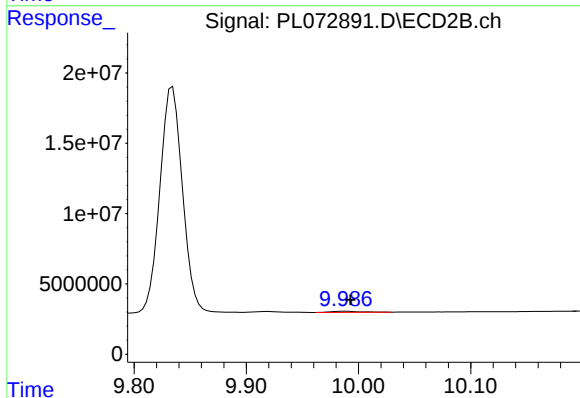
#21 Endrin ketone

R.T.: 9.214 min
Delta R.T.: -0.009 min
Response: 500718
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

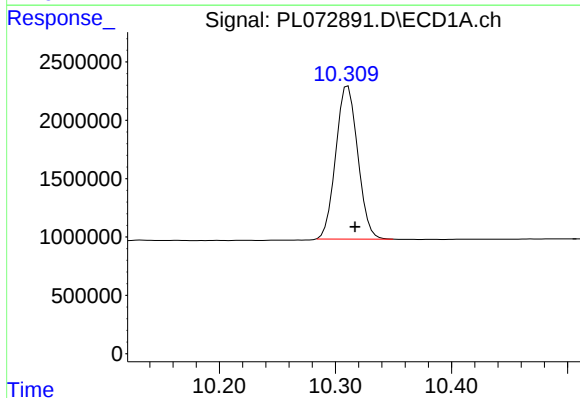
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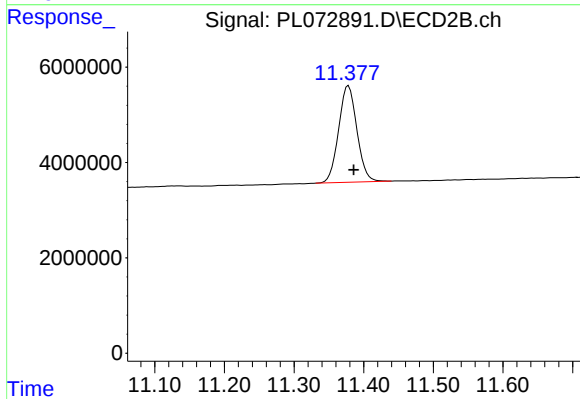
#21 Endrin ketone

R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 1328319
Conc: 0.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: -0.006 min
Response: 17300554
Conc: 22.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: -0.008 min
Response: 37025190
Conc: 23.35 ng/ml