

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012822\
 Data File : PL072301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2022 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2022
 Supervised By : Ankita Jodhani 01/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 01:23:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.557	5.492	12022492	36088147	21.655	22.220
28)	SA Decachlor...	10.318	11.387	16339607	31749765	18.391m	19.678
Target Compounds							
2)	A alpha-BHC	5.263	6.074	7295869	24007470	9.436	9.950
3)	MA gamma-BHC...	5.687	6.468	7474252	23608525	9.912	10.491m
6)	B beta-BHC	6.071	6.730	4764890	11634693	14.414	11.751
12)	B 4,4'-DDE	7.557	8.495	176499	393027	0.244	0.208
14)	MA Endrin	7.974	8.888	36446057	79542527	52.016	47.975
16)	A 4,4'-DDD	8.143	9.034	1547492	3915536	2.640	2.739m
17)	MA 4,4'-DDT	8.403	9.352	71127180	152.9E6	107.108	96.750
18)	B Endrin al...	8.476	9.260	369798	661395	0.649m	0.533
20)	A Methoxychlor	8.999	9.840	98073399	193.9E6	232.459	234.125
21)	B Endrin ke...	9.224	9.993	1350637	2024425	1.622	1.223

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

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Acq On : 28 Jan 2022 09:22
Operator : AR\AJ
Sample : PEM
Misc :
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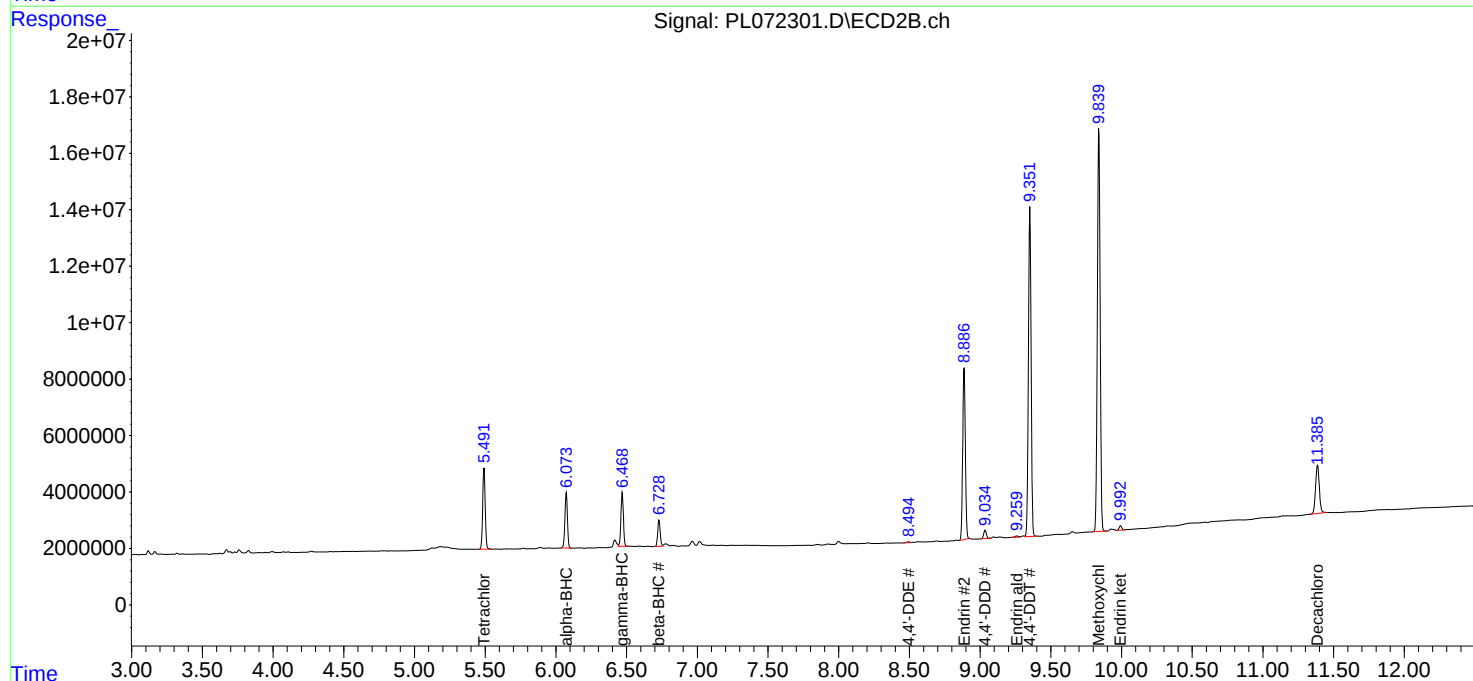
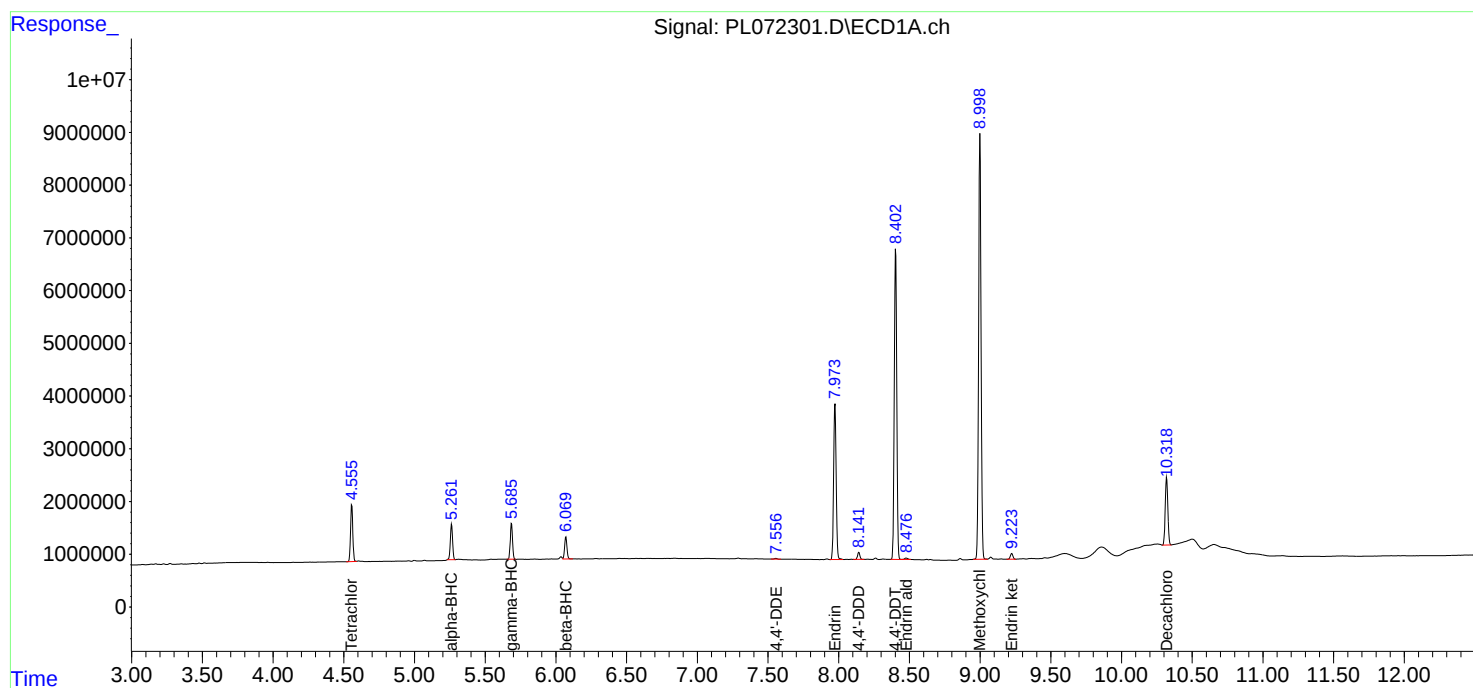
Instrument :
ECD_L
ClientSampleId :
PEM

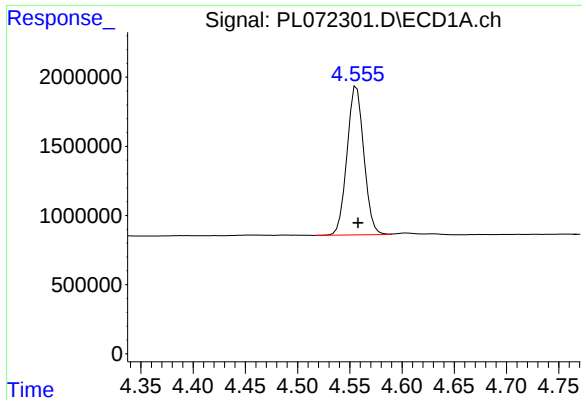
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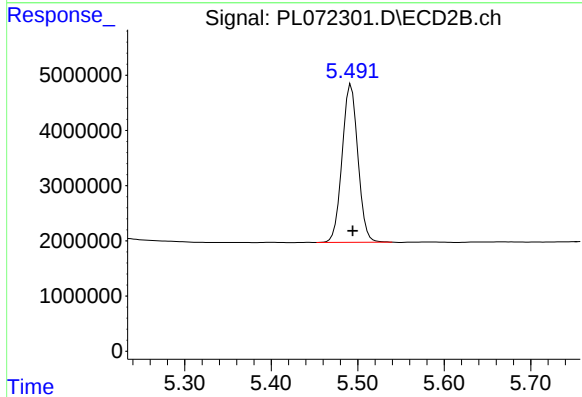
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 12022492
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

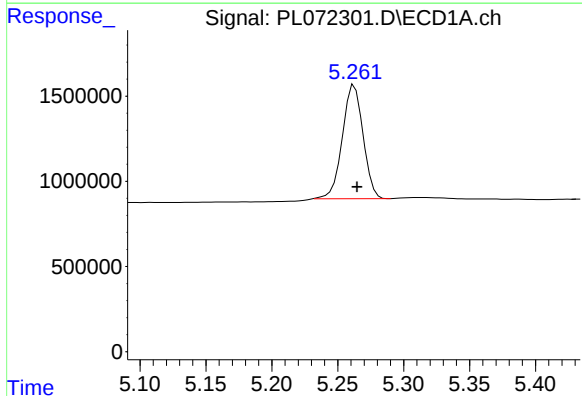
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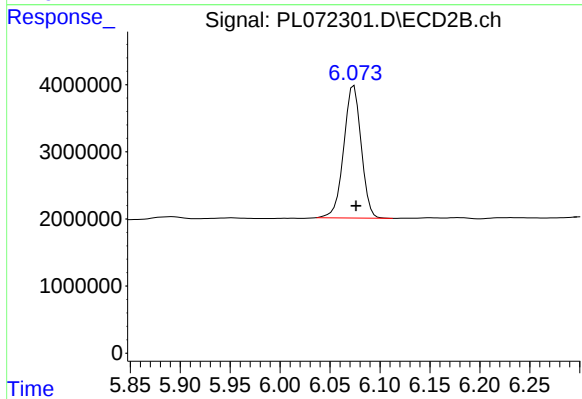
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 36088147
Conc: 22.22 ng/ml



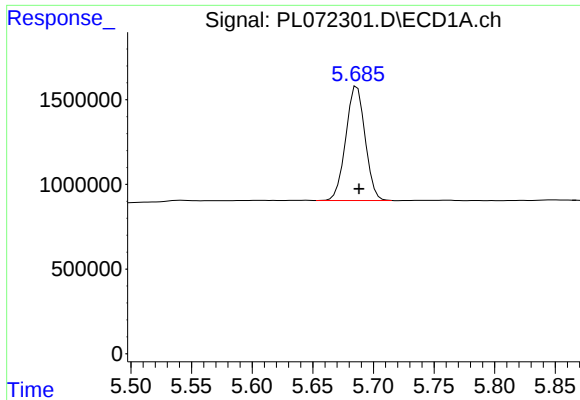
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 7295869
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 24007470
Conc: 9.95 ng/ml



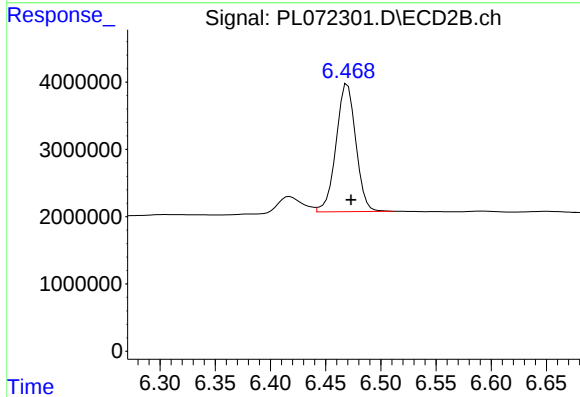
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 7474252
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

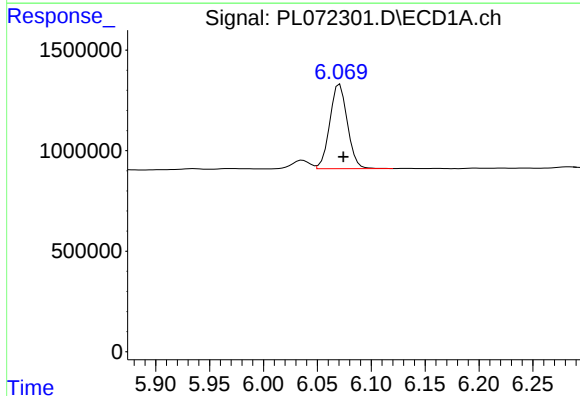
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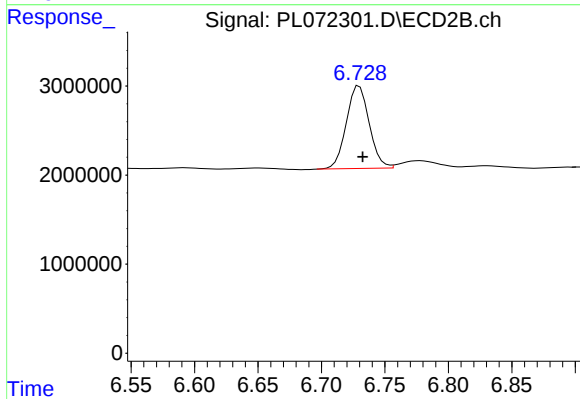
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 23608525
Conc: 10.49 ng/ml m



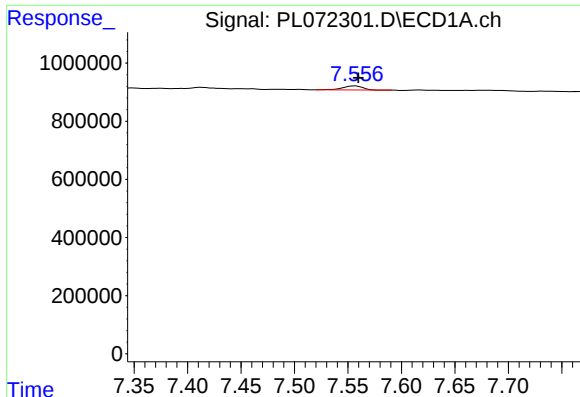
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 4764890
Conc: 14.41 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 11634693
Conc: 11.75 ng/ml



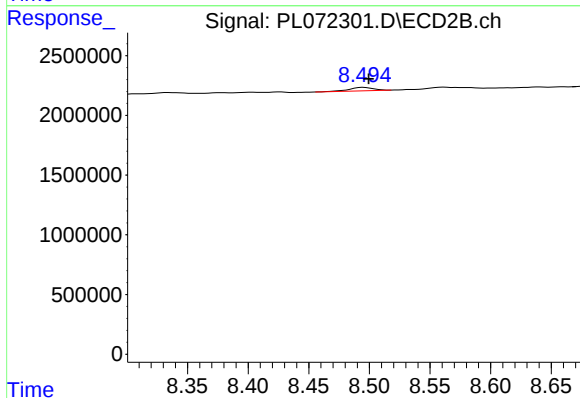
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 176499
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

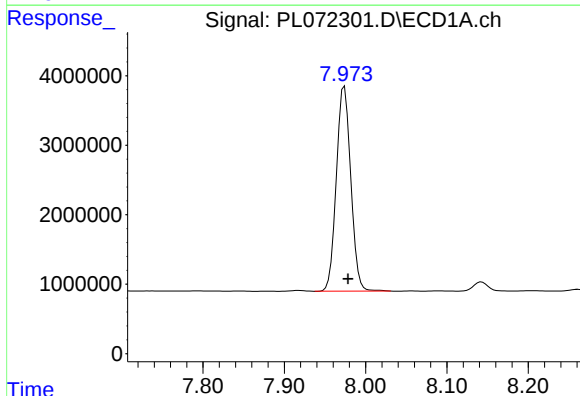
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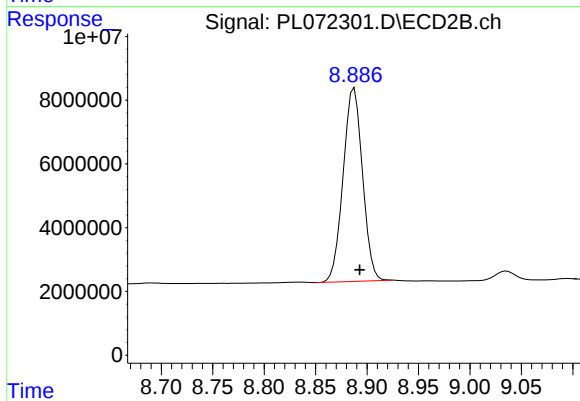
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 393027
Conc: 0.21 ng/ml



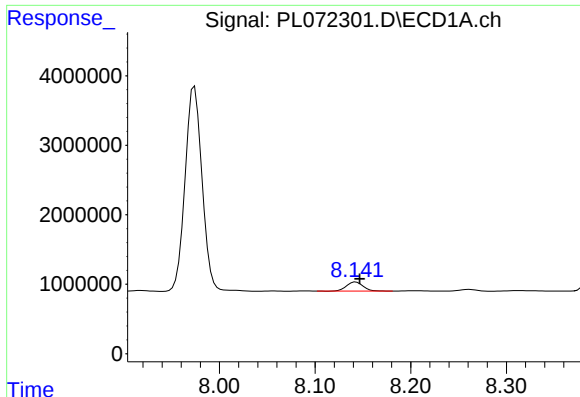
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 36446057
Conc: 52.02 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 79542527
Conc: 47.97 ng/ml



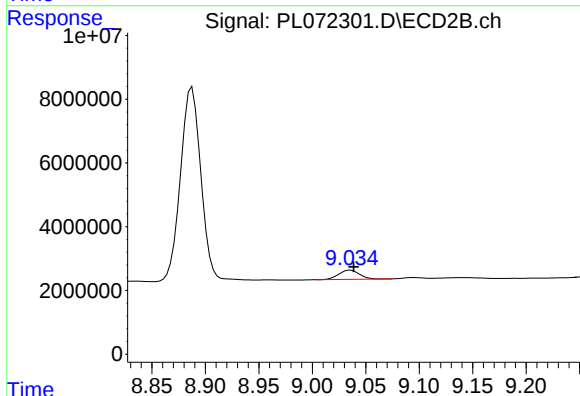
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 1547492
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

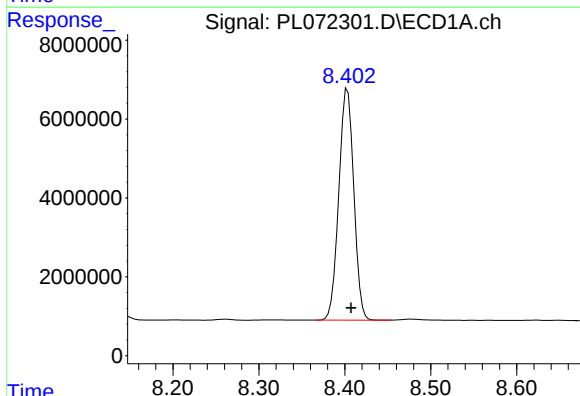
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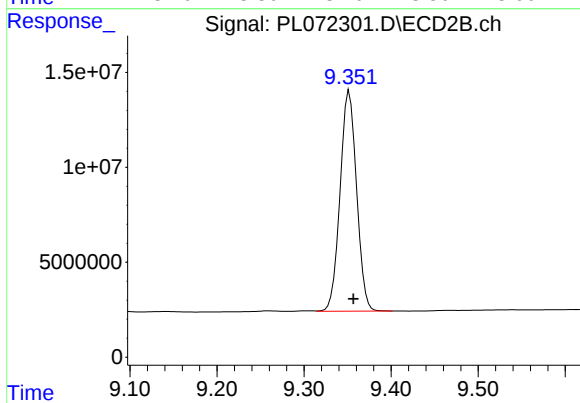
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 3915536
Conc: 2.74 ng/ml m



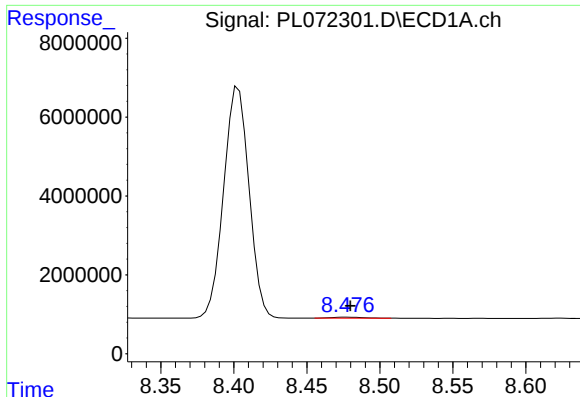
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 71127180
Conc: 107.11 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.005 min
Response: 152917163
Conc: 96.75 ng/ml



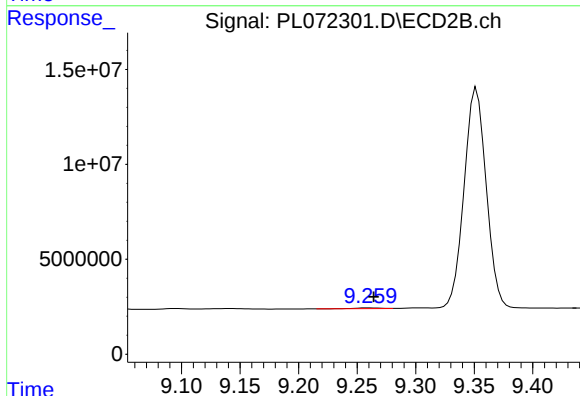
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.004 min
Response: 369798
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

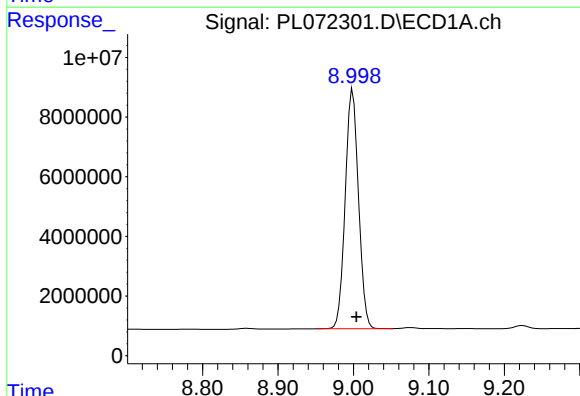
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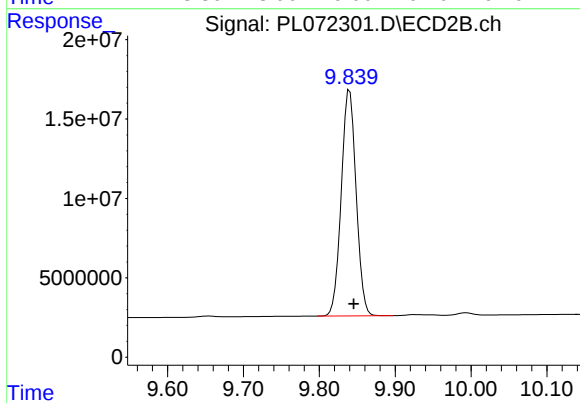
#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.004 min
Response: 661395
Conc: 0.53 ng/ml



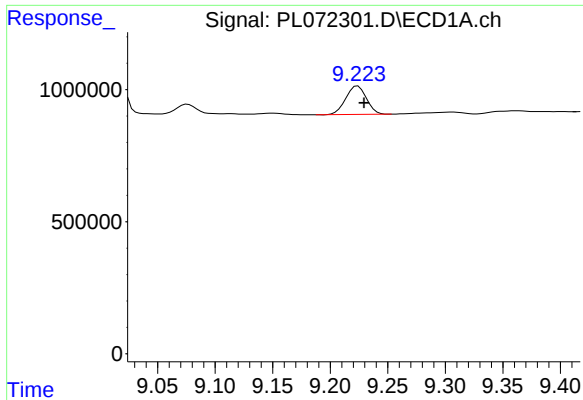
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 98073399
Conc: 232.46 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.006 min
Response: 193937238
Conc: 234.13 ng/ml



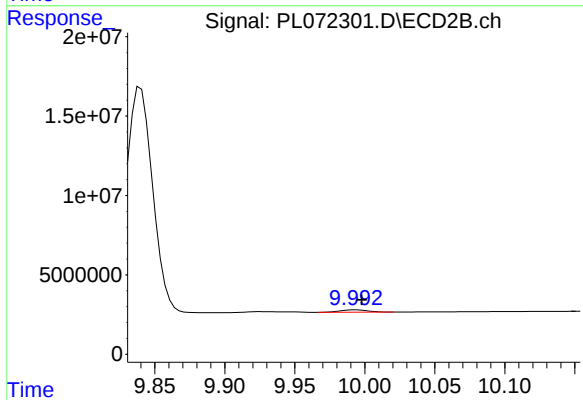
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: -0.005 min
Response: 1350637
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

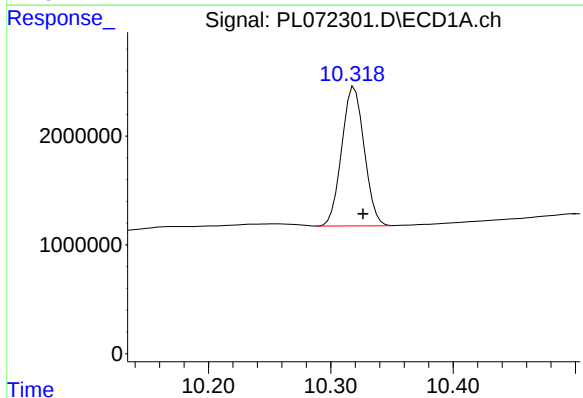
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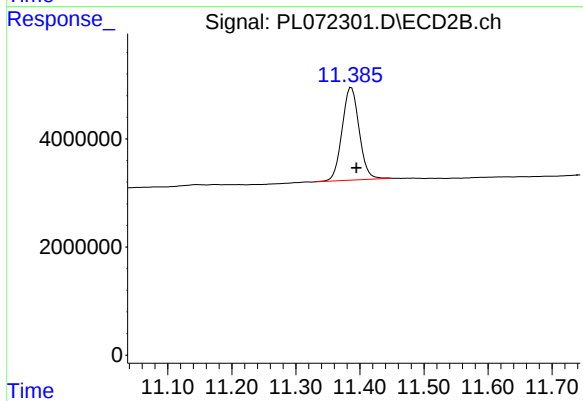
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2024425
Conc: 1.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: -0.009 min
Response: 16339607
Conc: 18.39 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: -0.008 min
Response: 31749765
Conc: 19.68 ng/ml