

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 09:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:41:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.491	6675307	37029764	20.842	22.562
28)	SA Decachlor...	10.417	11.334	10595691	34820087	20.837	19.472
Target Compounds							
2)	A alpha-BHC	5.349	6.054	4062804	22897380	9.856	10.178
3)	MA gamma-BHC...	5.773	6.443	4140478	22176784	9.926	10.387
6)	B beta-BHC	6.153	6.679	2337278	12604046	11.352	12.092
12)	B 4,4'-DDE	7.649	8.460	111220	350800	0.310	0.196m#
14)	MA Endrin	8.068	8.847	20087471	84740644	51.771	55.047
16)	A 4,4'-DDD	8.233	8.988	115226	276463	0.355m	0.189m#
17)	MA 4,4'-DDT	8.495	9.308	37894921	174.1E6	100.203	106.535
18)	B Endrin al...	8.575	9.202	119520	157890	0.378m	0.129 #
20)	A Methoxychlor	9.091	9.788	55183039	219.6E6	215.110	243.743
21)	B Endrin ke...	9.315	9.928	310892	724979	0.635m	0.439 #

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

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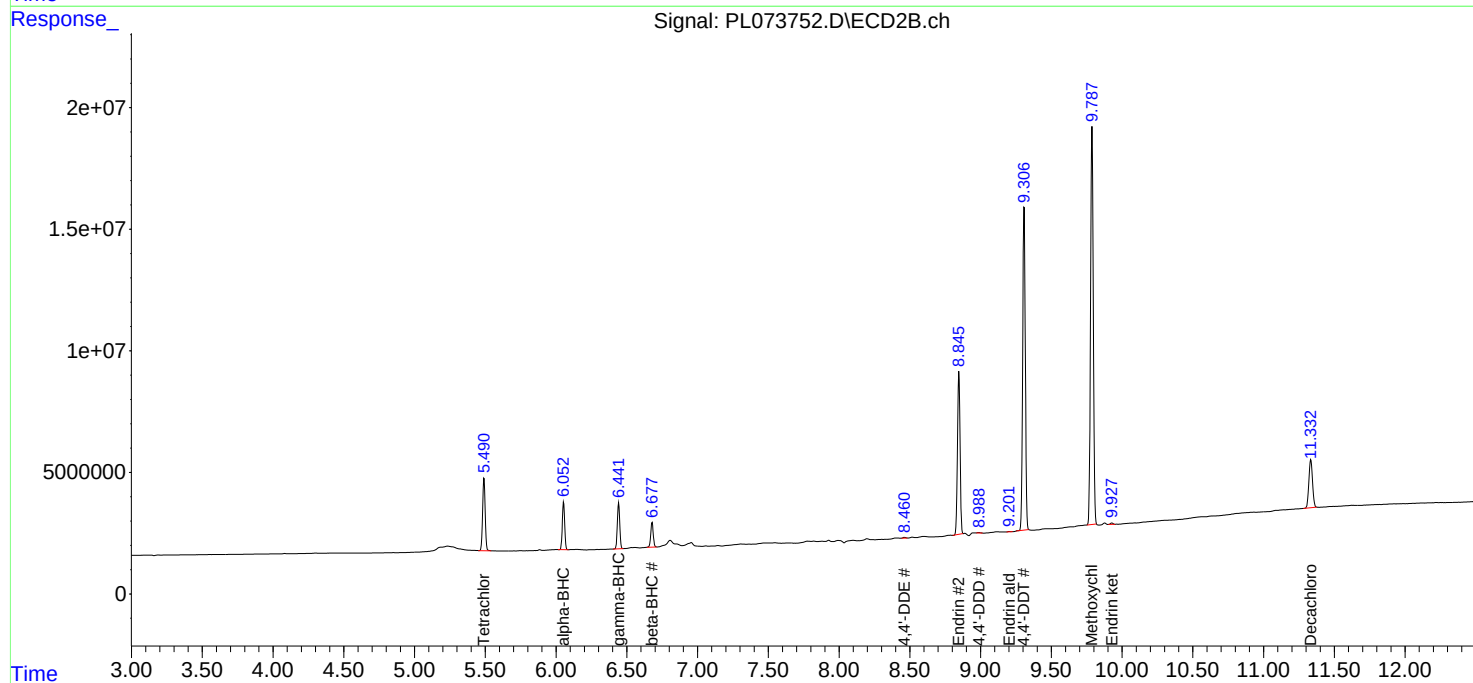
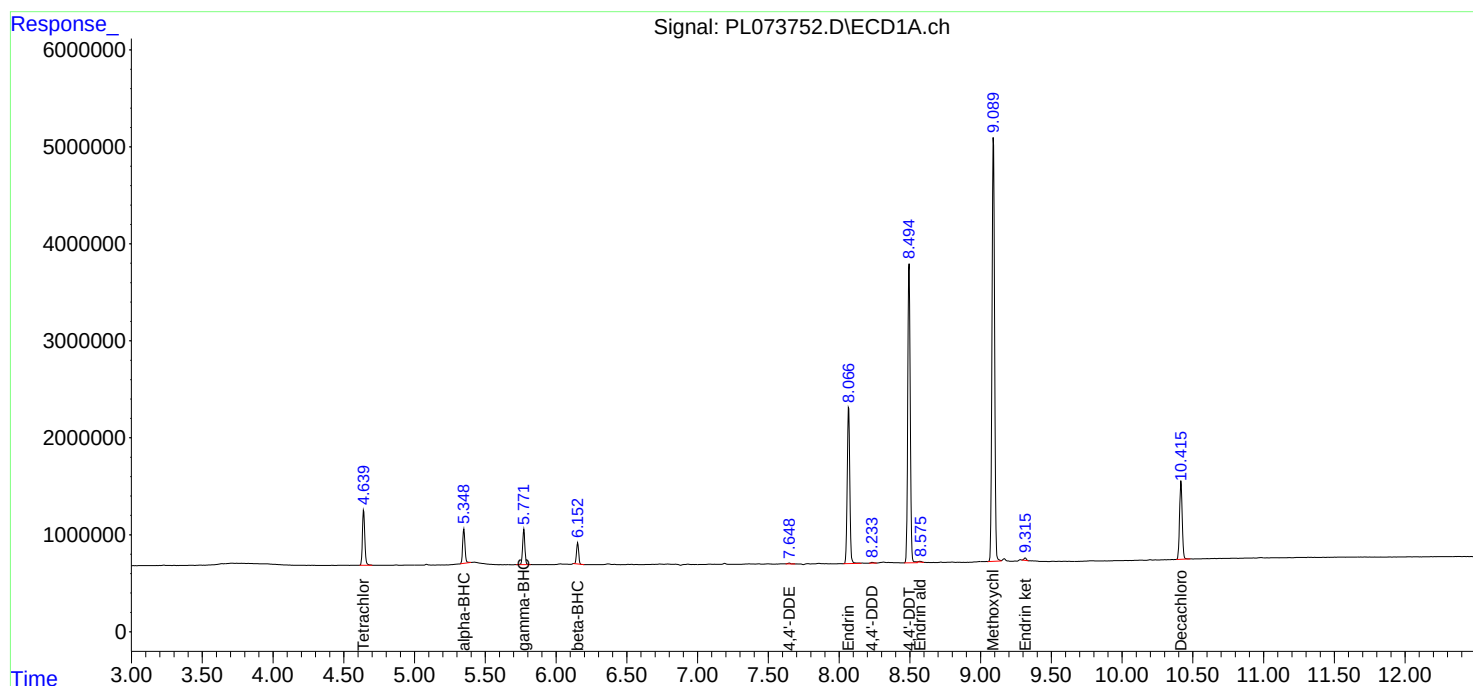
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PEM

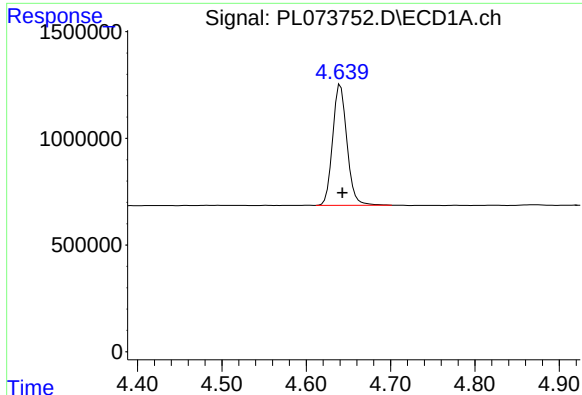
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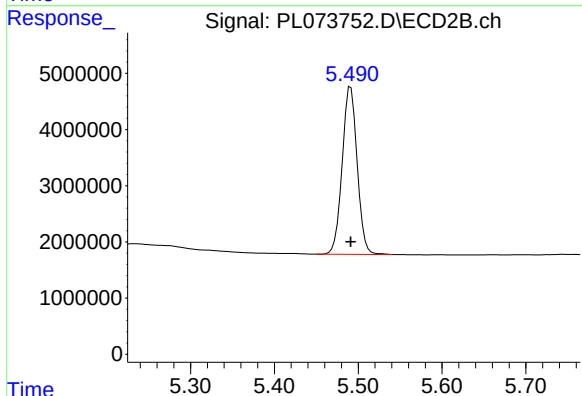
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6675307
Conc: 20.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

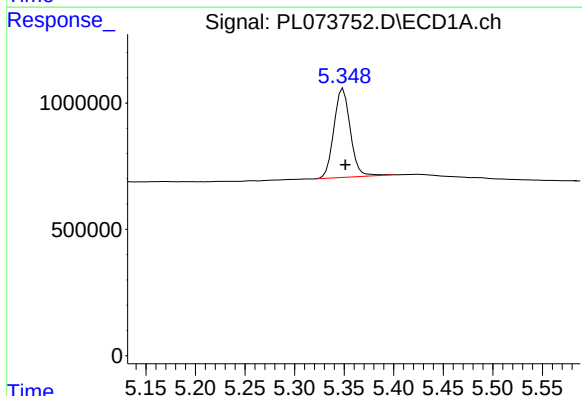
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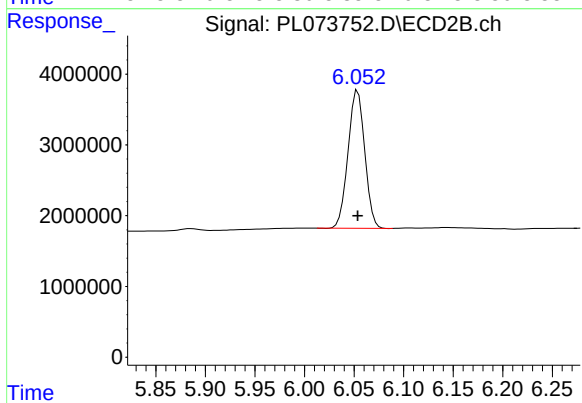
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 37029764
Conc: 22.56 ng/ml



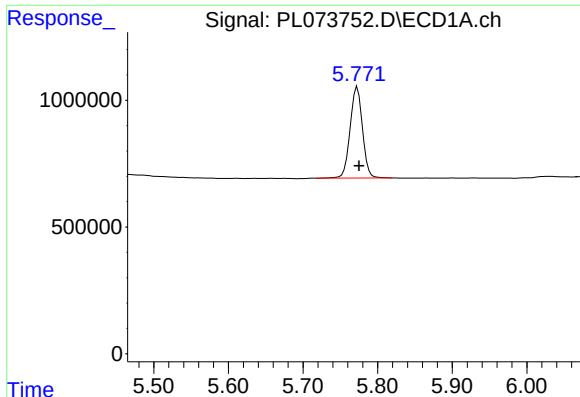
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 4062804
Conc: 9.86 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 22897380
Conc: 10.18 ng/ml



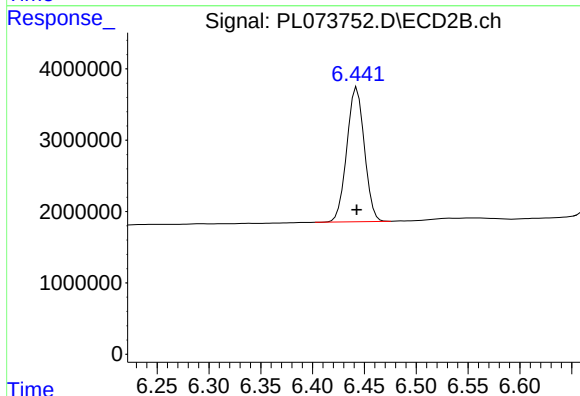
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4140478
Conc: 9.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

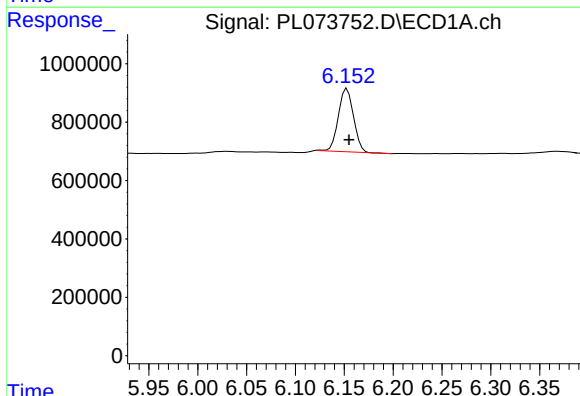
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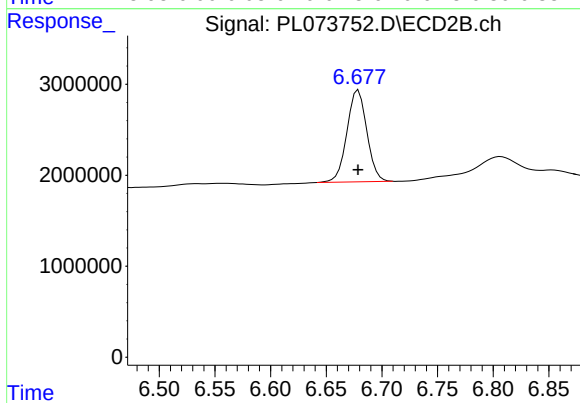
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 22176784
Conc: 10.39 ng/ml



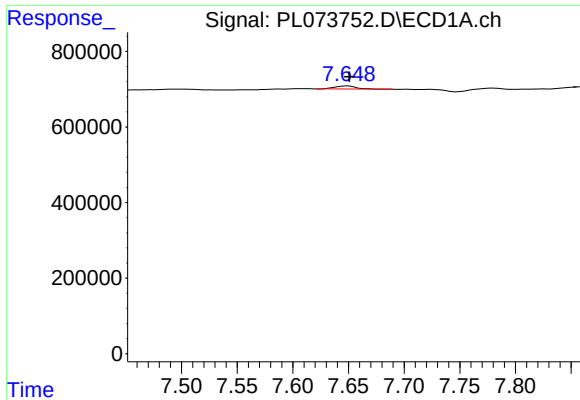
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 2337278
Conc: 11.35 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12604046
Conc: 12.09 ng/ml



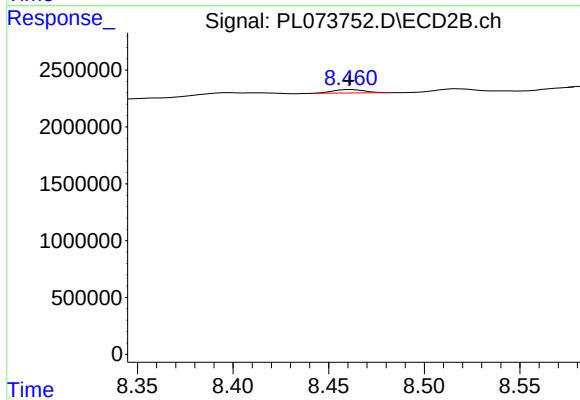
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 111220
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

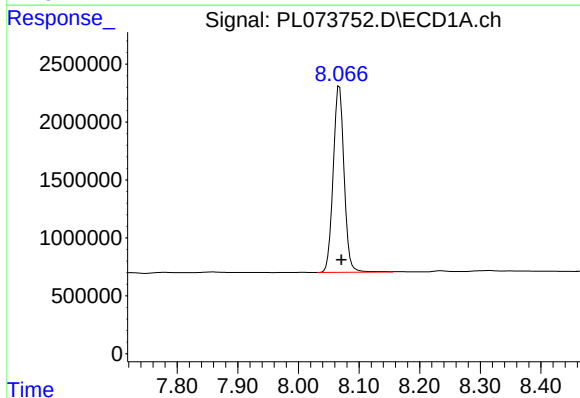
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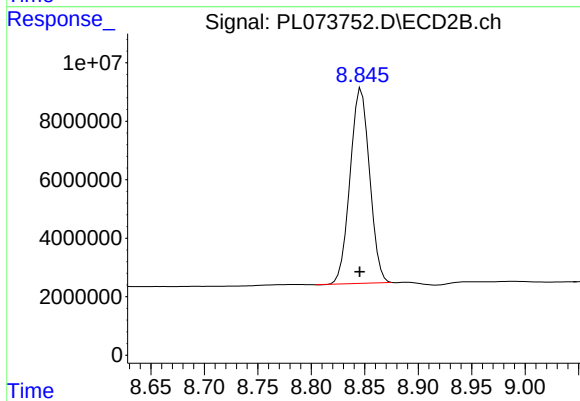
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 350800
Conc: 0.20 ng/ml m



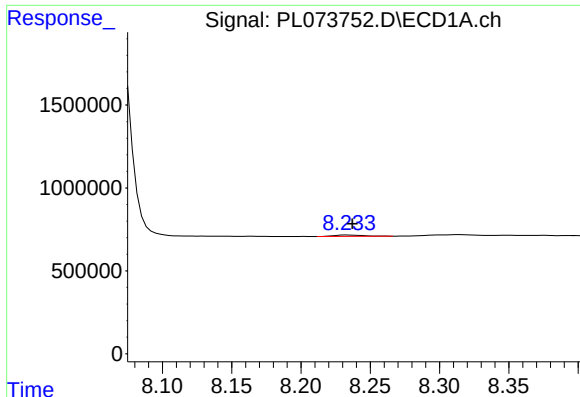
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20087471
Conc: 51.77 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 84740644
Conc: 55.05 ng/ml



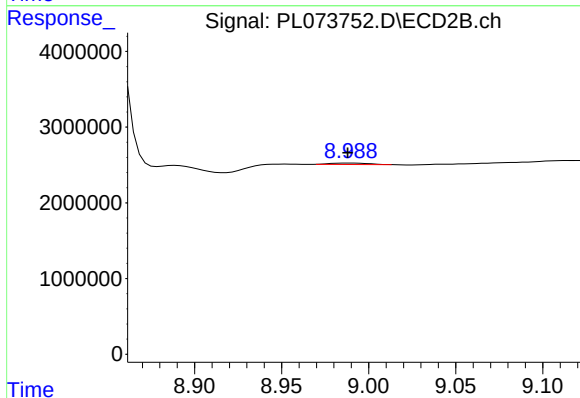
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 115226
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

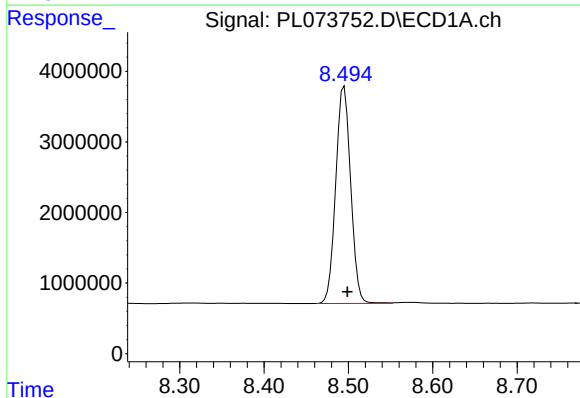
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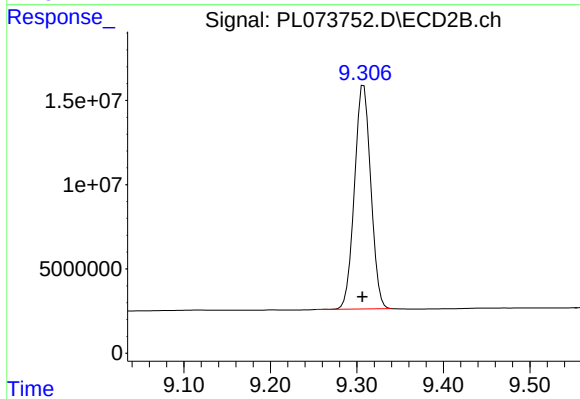
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 276463
Conc: 0.19 ng/ml m



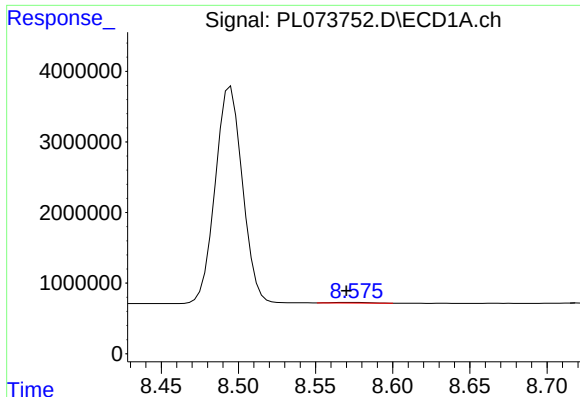
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 37894921
Conc: 100.20 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 174135442
Conc: 106.54 ng/ml



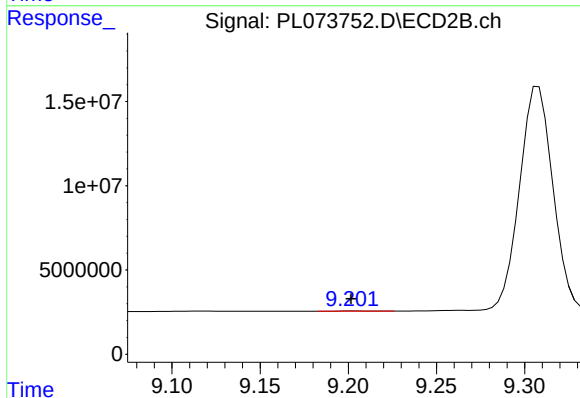
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: 0.005 min
Response: 119520
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

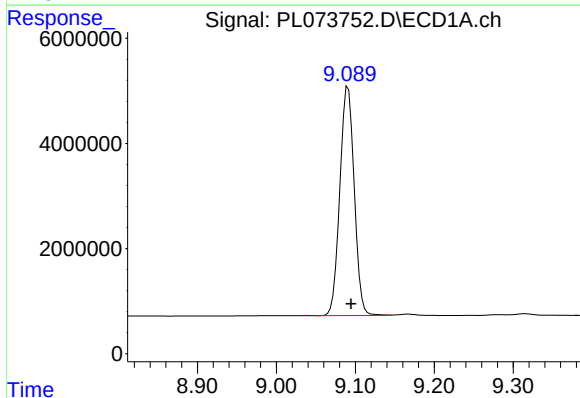
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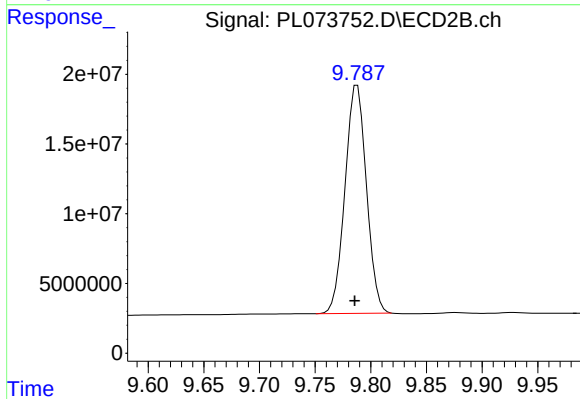
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 157890
Conc: 0.13 ng/ml



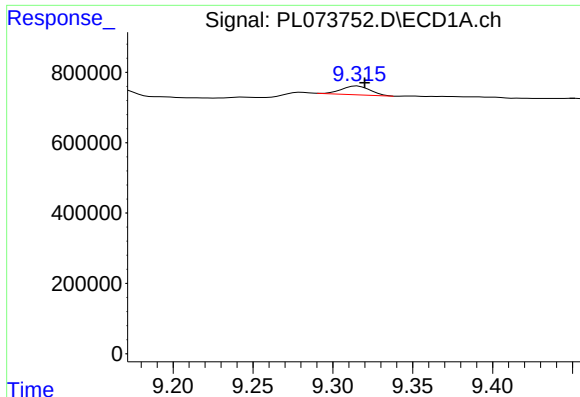
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 55183039
Conc: 215.11 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 219630631
Conc: 243.74 ng/ml



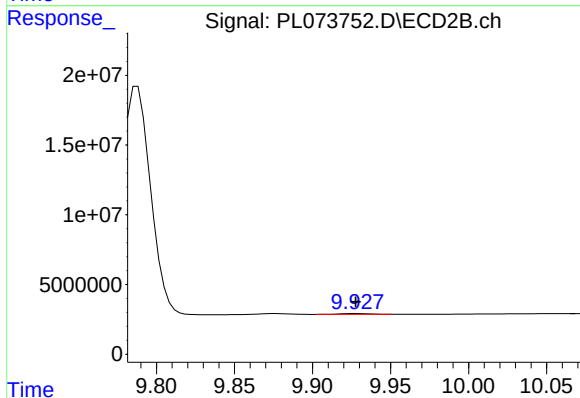
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 310892
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

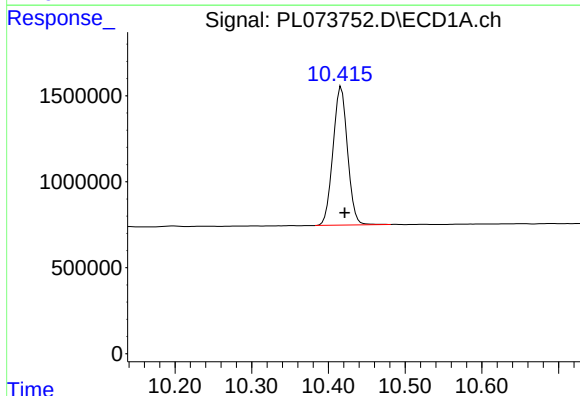
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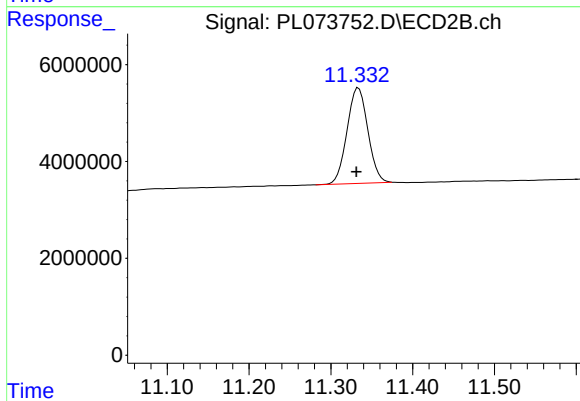
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 724979
Conc: 0.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10595691
Conc: 20.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 34820087
Conc: 19.47 ng/ml