

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 08:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2023
 Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:44:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.324	2.647	51562048	41989249	19.303	18.124
28) SA Decachlor...	8.750	7.762	36818940	40689765	19.286	17.827
Target Compounds						
2) A alpha-BHC	3.774	3.144	35469569	27532054	8.911	8.089
3) MA gamma-BHC...	4.102	3.471	34468371	26529411	9.219	8.251
6) B beta-BHC	4.306	3.772	16393196	13960649	9.612	10.232
12) B 4,4'-DDE	5.949	5.084	914368	290358	0.360	0.126m#
14) MA Endrin	6.329	5.489	98157294	93241520	40.485	38.121
16) A 4,4'-DDD	6.473	5.640	5685838	4993390	2.805	2.670
17) MA 4,4'-DDT	6.785	5.890	192.8E6	182.1E6	84.280	86.181
18) B Endrin al...	6.681	5.967	4268719	5187416	2.266	2.772
20) A Methoxychlor	7.266	6.469	252.7E6	242.6E6	207.042	200.194
21) B Endrin ke...	7.394	6.694	7516823	9145918	3.139m	3.603

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

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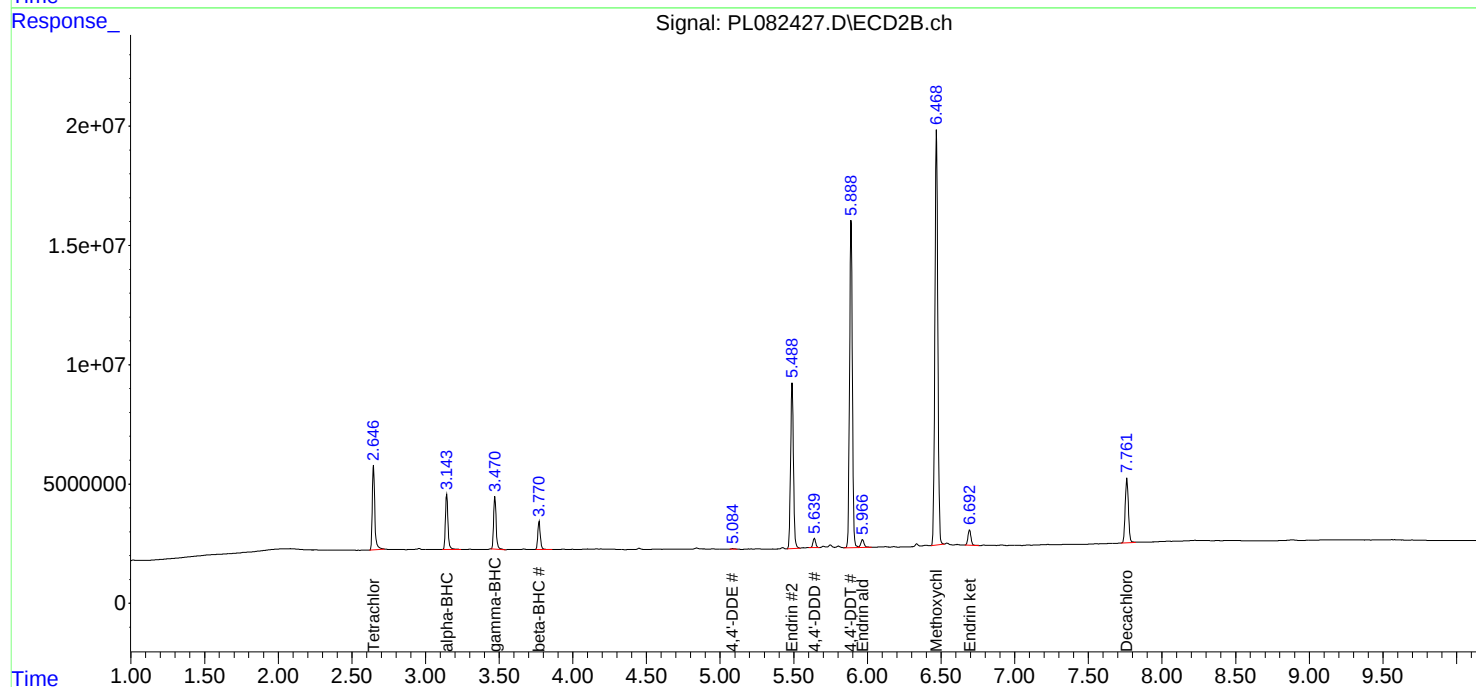
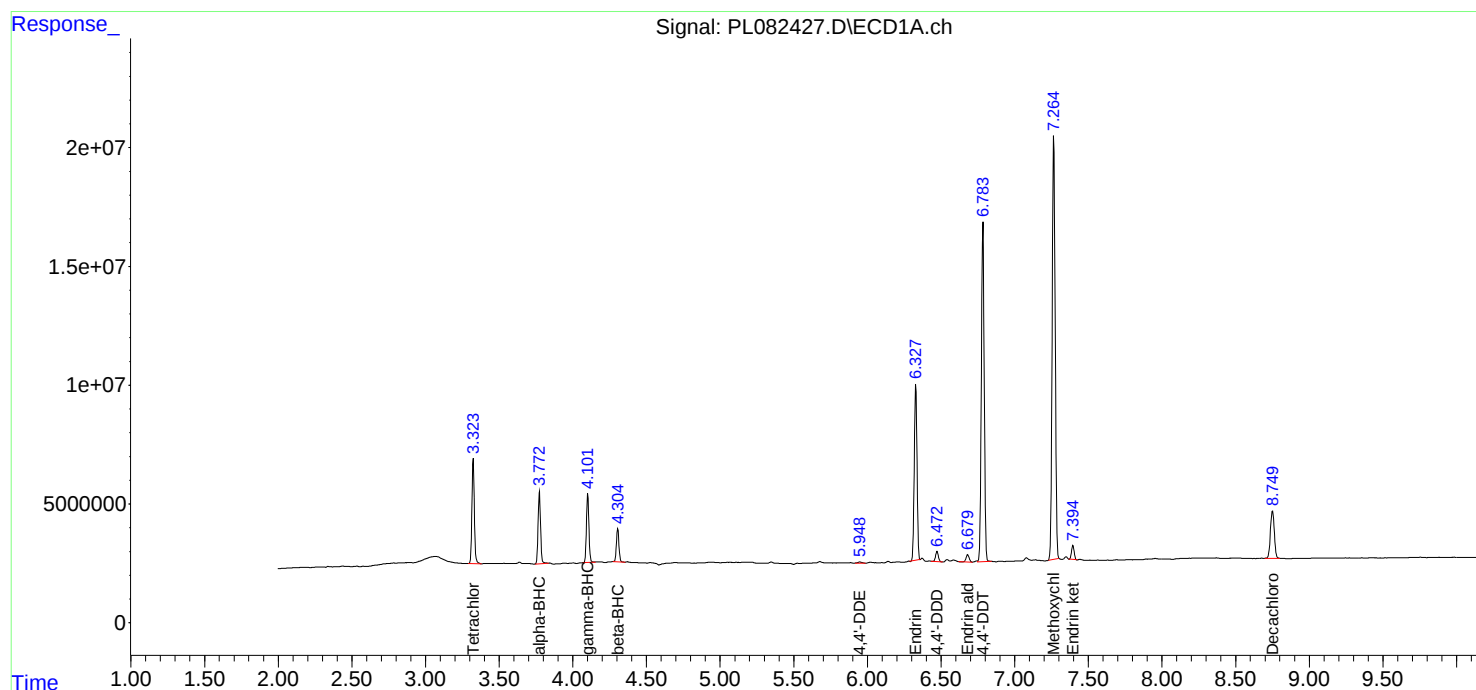
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PEM

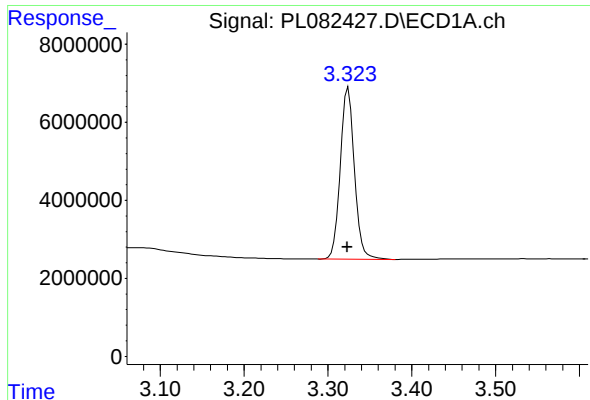
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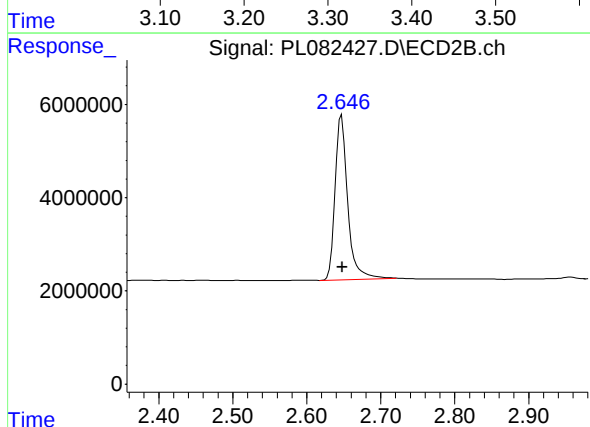
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 51562048
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

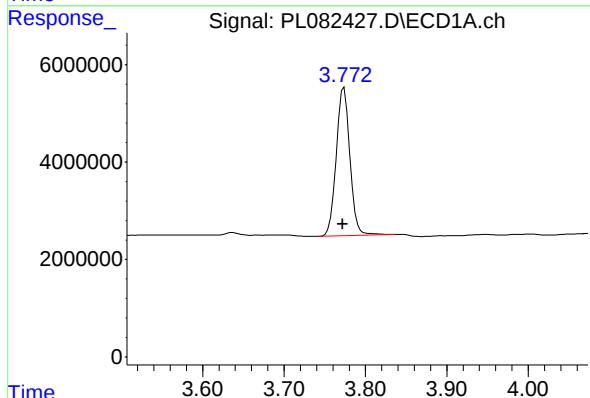
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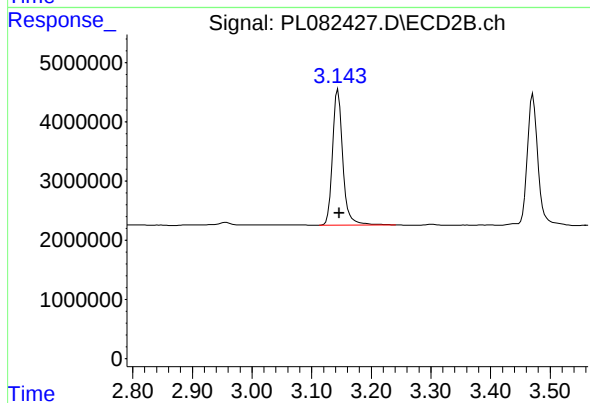
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 41989249
Conc: 18.12 ng/ml



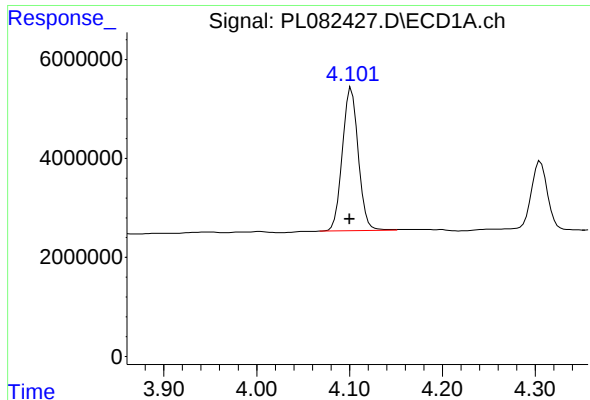
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 35469569
Conc: 8.91 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 27532054
Conc: 8.09 ng/ml



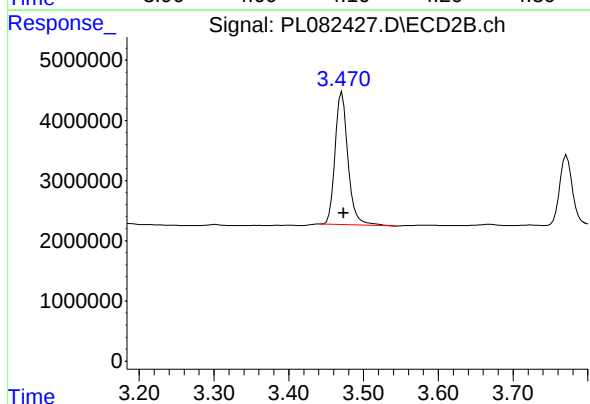
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: 0.002 min
Response: 34468371
Conc: 9.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

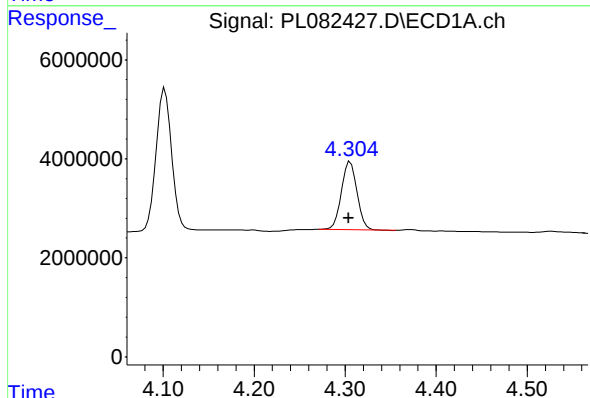
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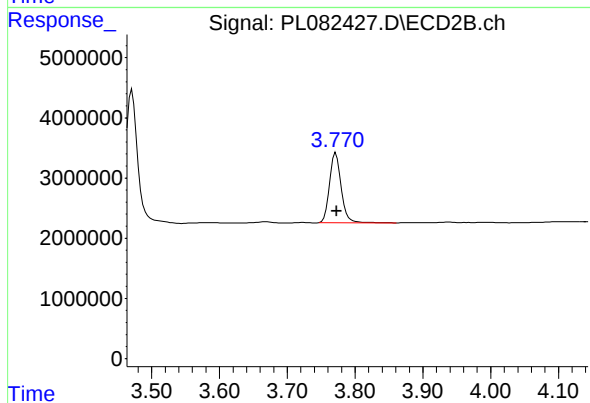
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.002 min
Response: 26529411
Conc: 8.25 ng/ml



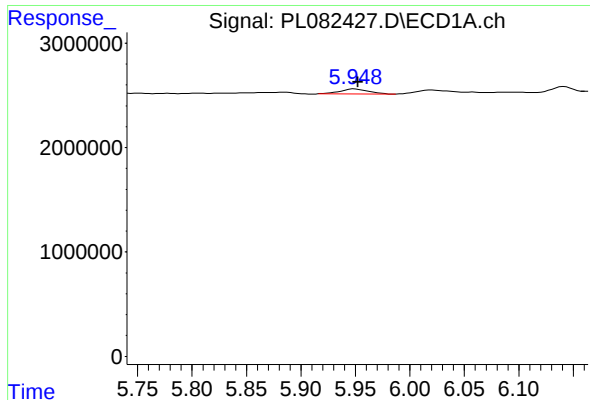
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 16393196
Conc: 9.61 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: -0.001 min
Response: 13960649
Conc: 10.23 ng/ml



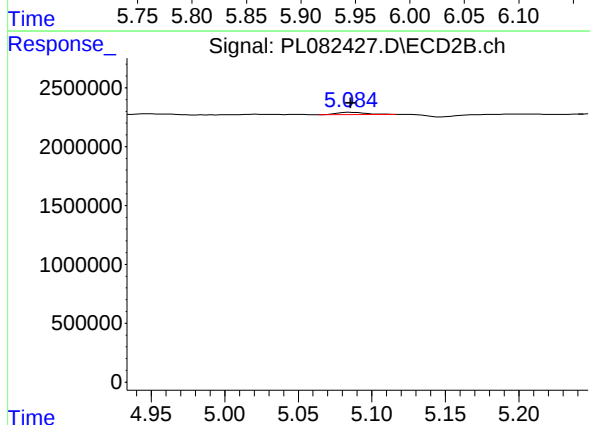
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 914368
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

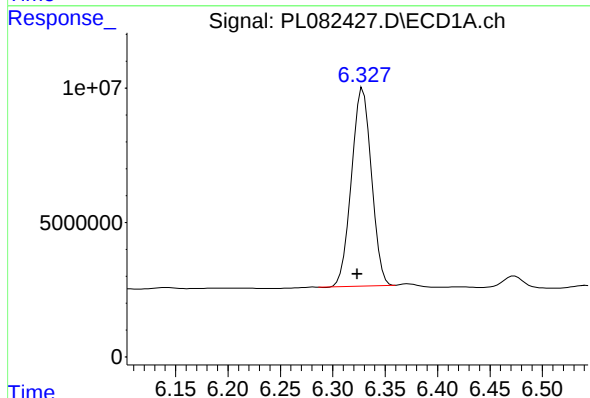
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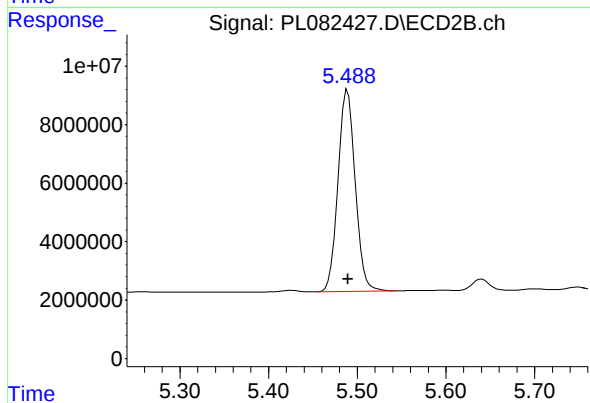
#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 290358
Conc: 0.13 ng/ml



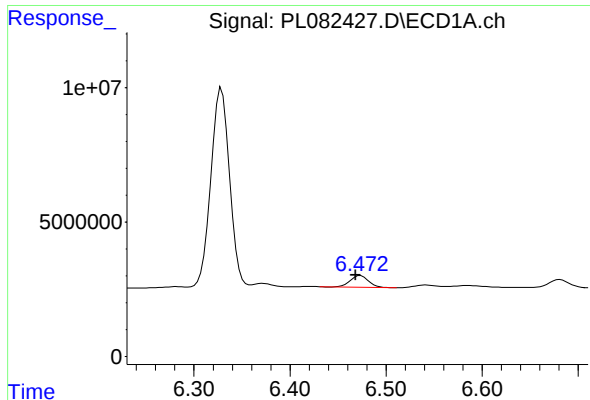
#14 Endrin

R.T.: 6.329 min
Delta R.T.: 0.005 min
Response: 98157294
Conc: 40.48 ng/ml



#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 93241520
Conc: 38.12 ng/ml



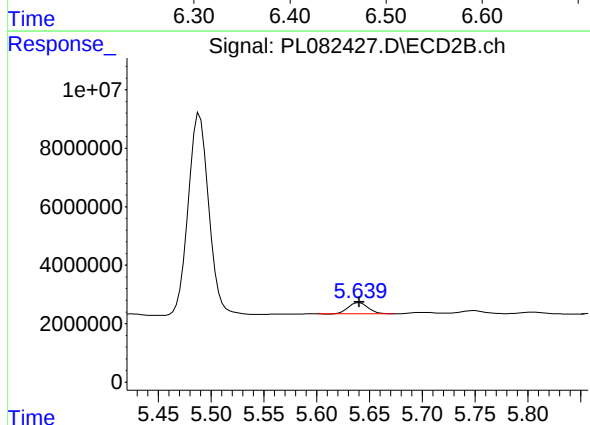
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 5685838
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

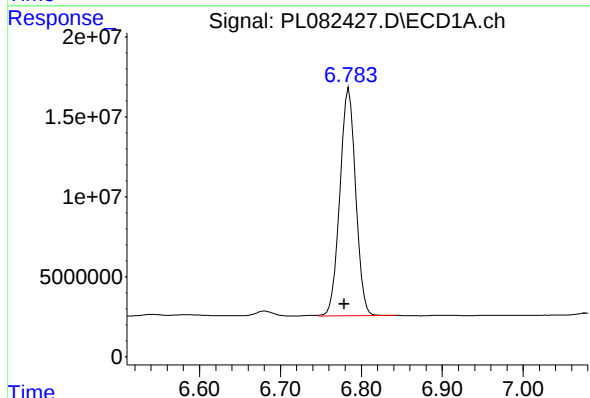
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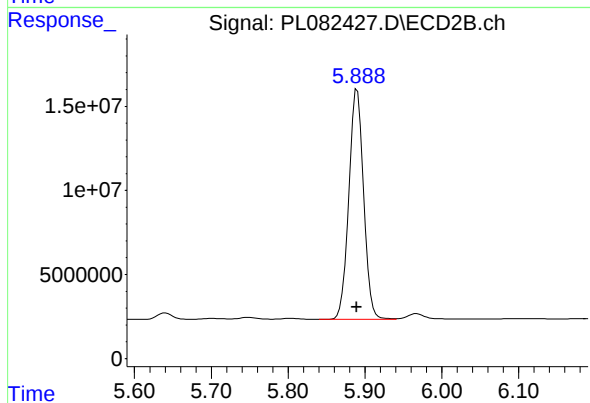
#16 4,4'-DDD

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 4993390
Conc: 2.67 ng/ml



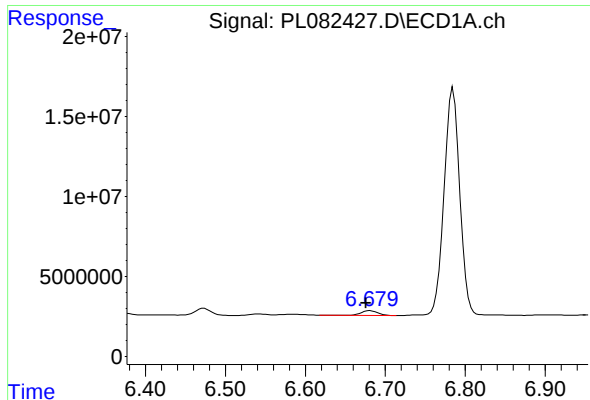
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 192808064
Conc: 84.28 ng/ml



#17 4,4'-DDT

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 182065746
Conc: 86.18 ng/ml



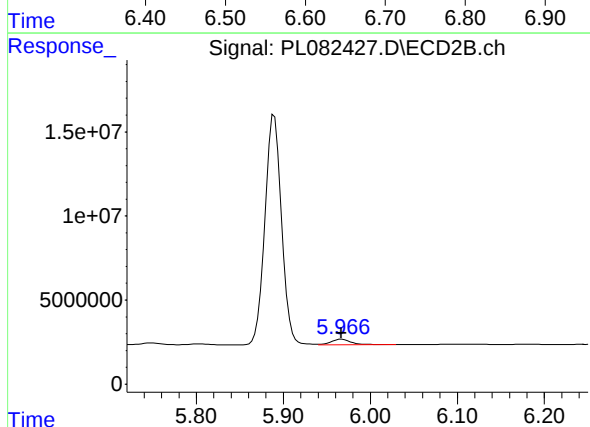
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: 0.005 min
Response: 4268719
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

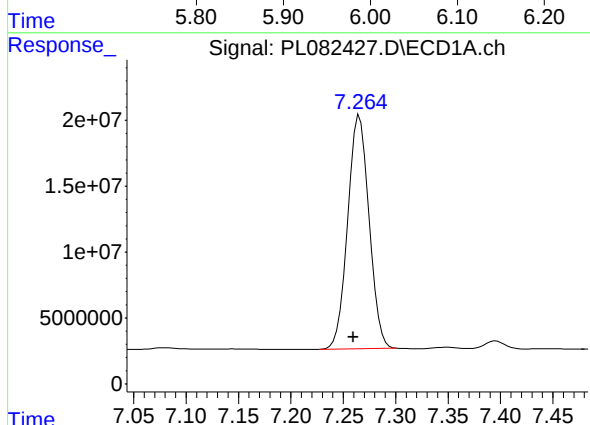
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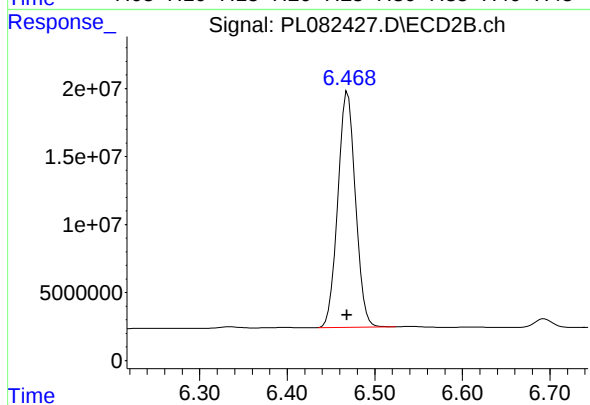
#18 Endrin aldehyde

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 5187416
Conc: 2.77 ng/ml



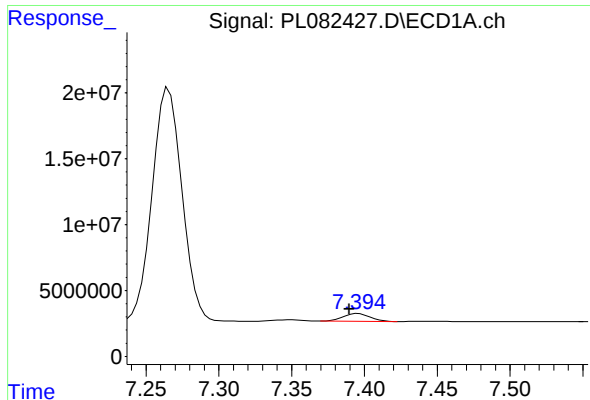
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: 0.006 min
Response: 252659887
Conc: 207.04 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.001 min
Response: 242602210
Conc: 200.19 ng/ml



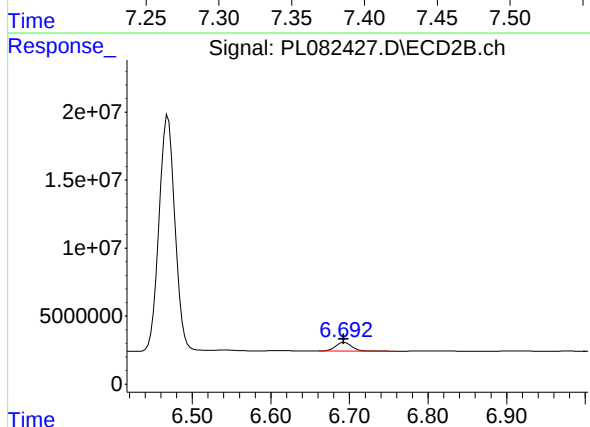
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 7516823
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

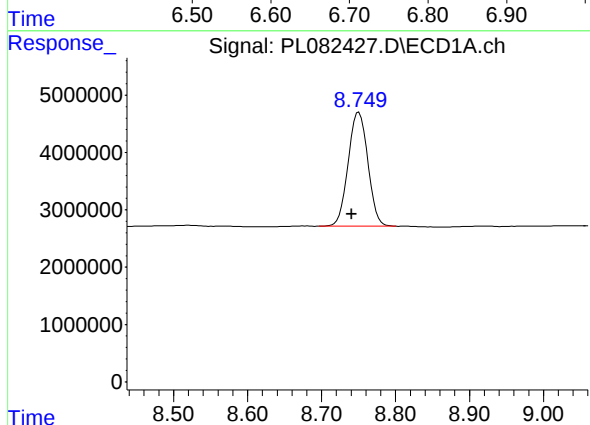
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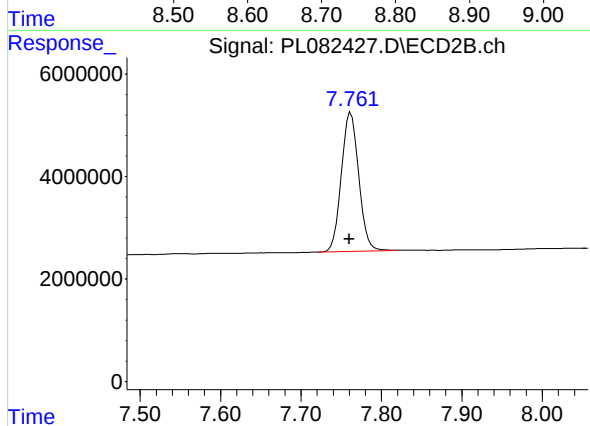
#21 Endrin ketone

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 9145918
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: 0.009 min
Response: 36818940
Conc: 19.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 40689765
Conc: 17.83 ng/ml