

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 08:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:33:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.762	40671604	23344695	17.186	17.138
28)	SA Decachlor...	9.088	7.905	51362683	25171524	18.744	17.589
Target Compounds							
2)	A alpha-BHC	4.000	3.264	31648290	16552957	8.242	8.557
3)	MA gamma-BHC...	4.334	3.594	30266853	15005538	8.223	8.066
6)	B beta-BHC	4.531	3.891	13998035	7444469	9.302	9.758
12)	B 4,4'-DDE	6.204	5.221	489837	441152	0.165m	0.304 #
14)	MA Endrin	6.589	5.627	111.2E6	58164609	40.036	39.751
16)	A 4,4'-DDD	6.724	5.776	1490971	865279	0.634	0.778
17)	MA 4,4'-DDT	7.038	6.026	224.1E6	110.1E6	92.180	99.080
18)	B Endrin al...	6.940	6.101	2799191	2488485	1.281	2.186 #
20)	A Methoxychlor	7.515	6.601	300.5E6	124.3E6	212.060	207.960
21)	B Endrin ke...	7.661	6.829	5980358	3441643	1.986	2.171

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

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ALS Vial : 3 Sample Multiplier: 1

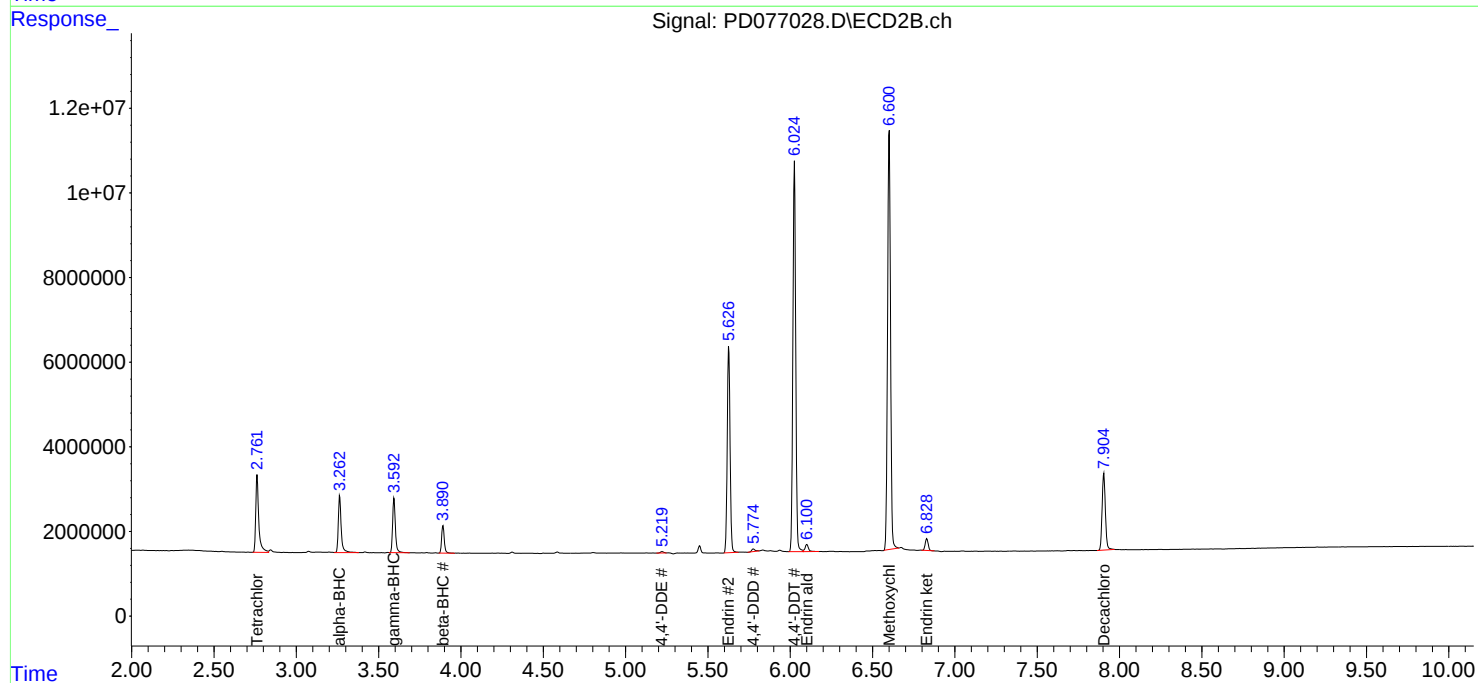
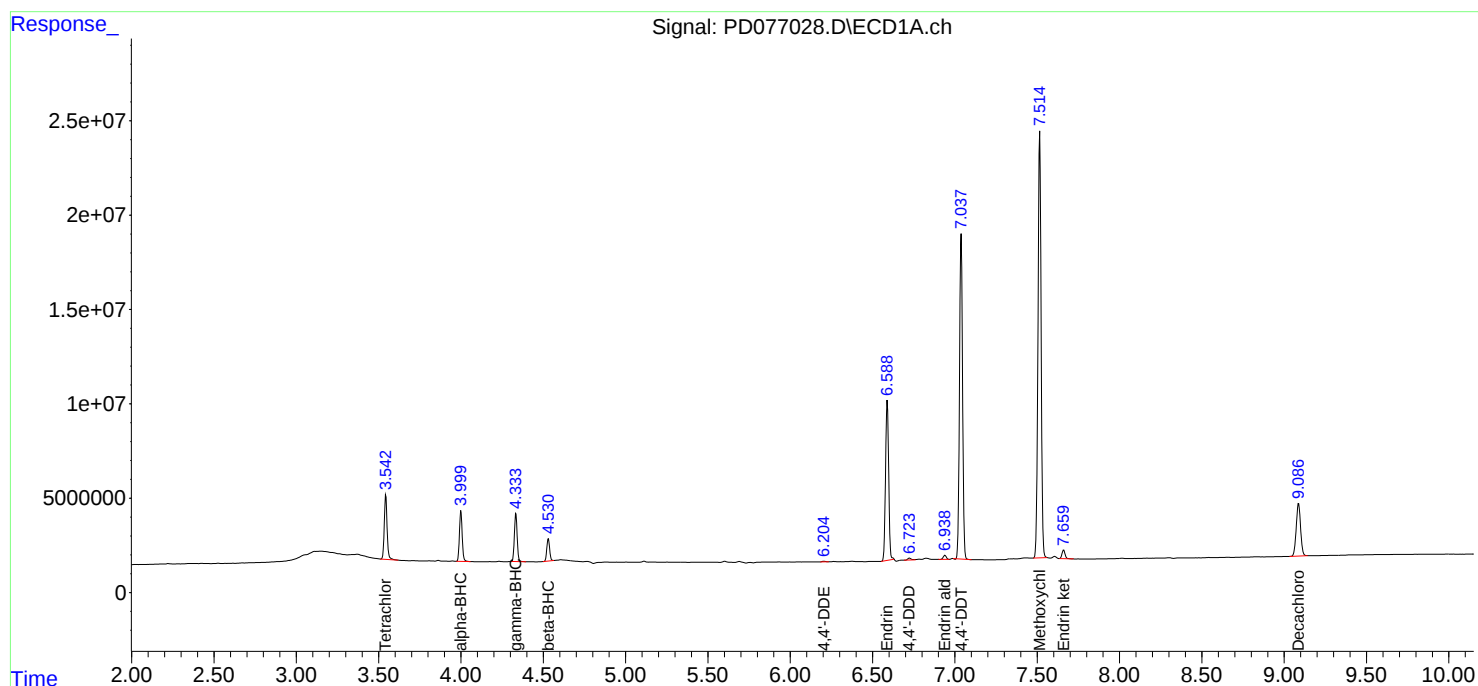
Instrument :
ECD_D
ClientSampleId :
PEM

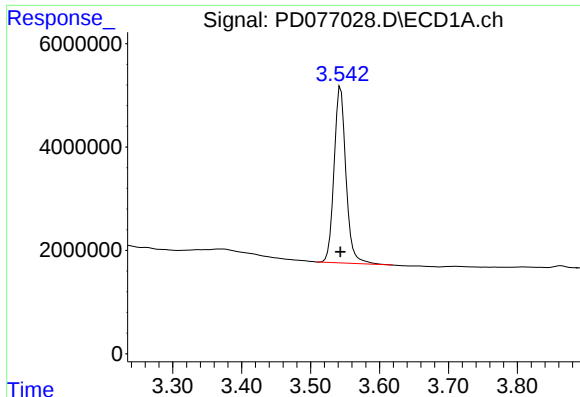
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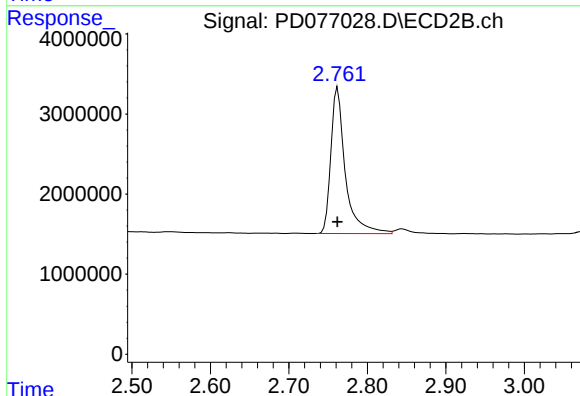
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 40671604
Conc: 17.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

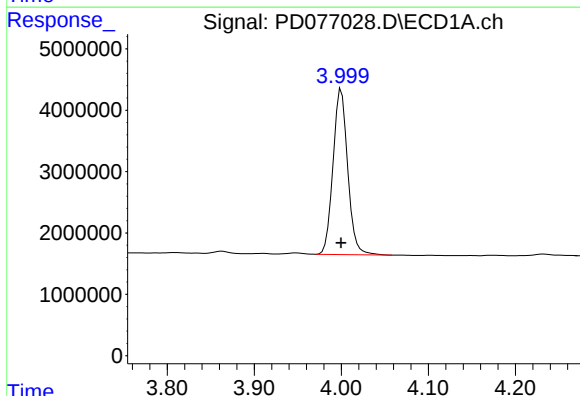
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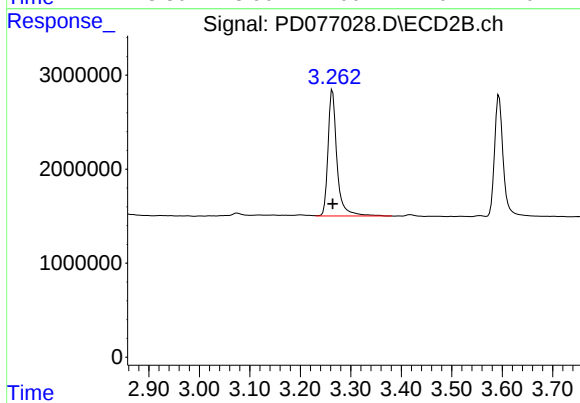
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 23344695
Conc: 17.14 ng/ml



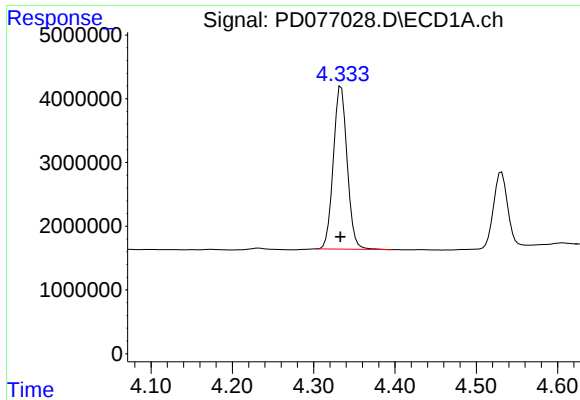
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 31648290
Conc: 8.24 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 16552957
Conc: 8.56 ng/ml



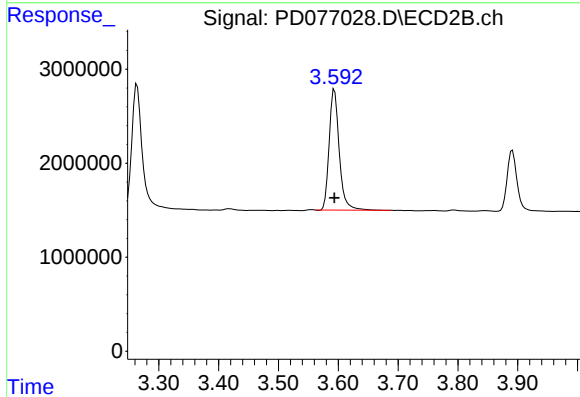
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 30266853
Conc: 8.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

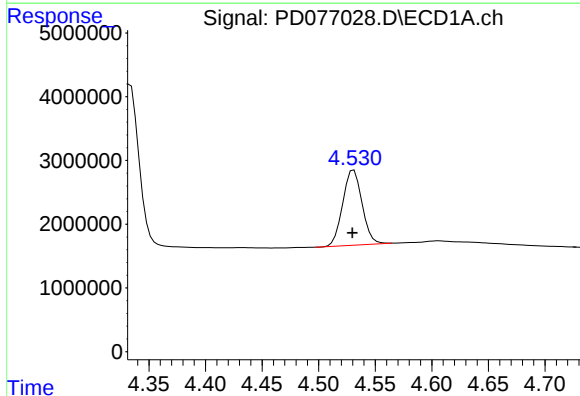
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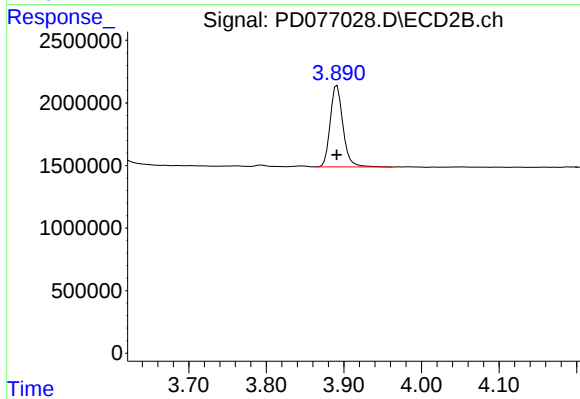
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 15005538
Conc: 8.07 ng/ml



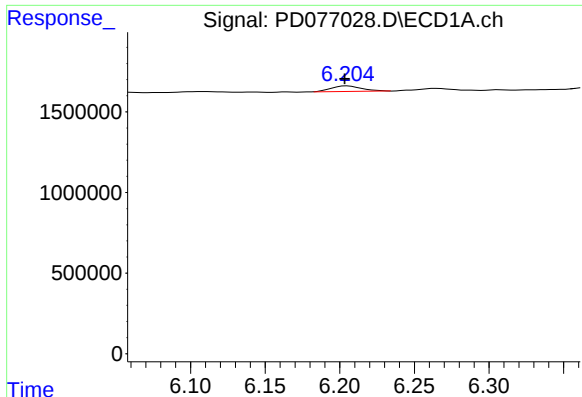
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 13998035
Conc: 9.30 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 7444469
Conc: 9.76 ng/ml



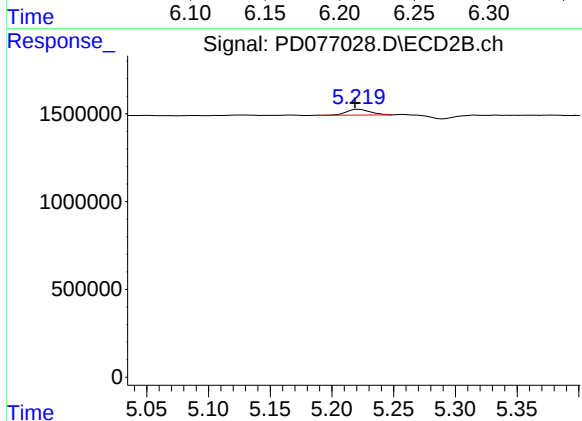
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 489837
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

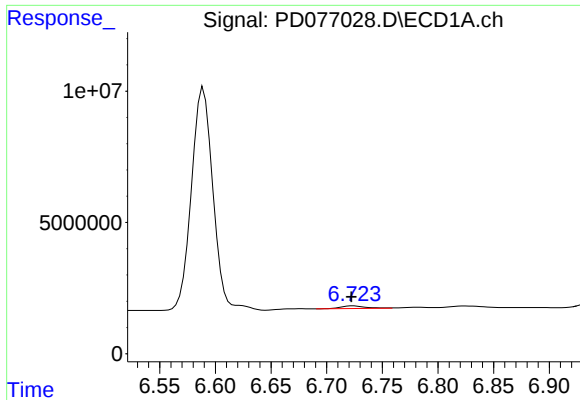
R.T.: 5.221 min
Delta R.T.: 0.003 min
Response: 441152
Conc: 0.30 ng/ml

#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 111248246
Conc: 40.04 ng/ml

#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 58164609
Conc: 39.75 ng/ml



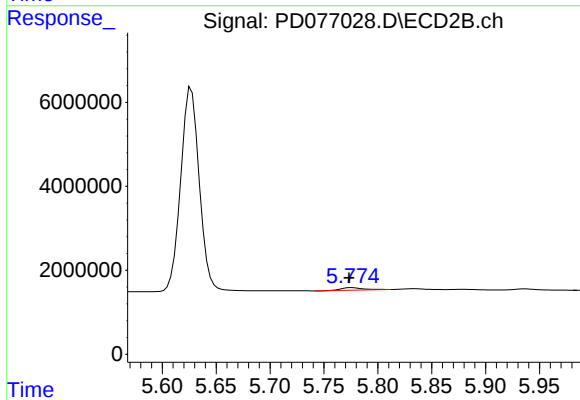
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 1490971
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

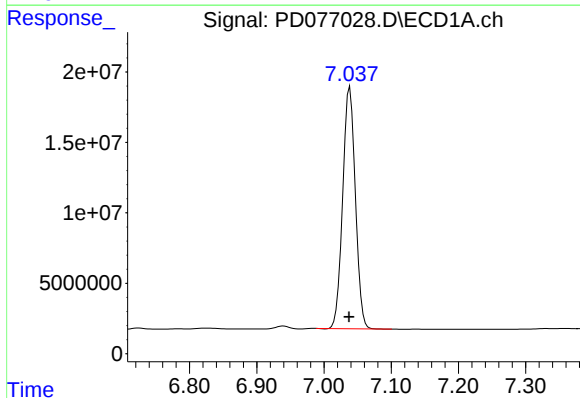
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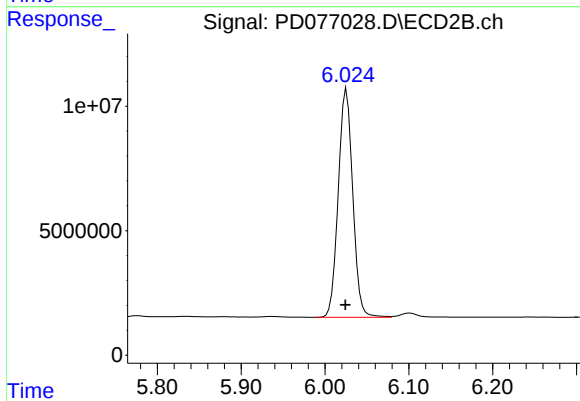
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 865279
Conc: 0.78 ng/ml



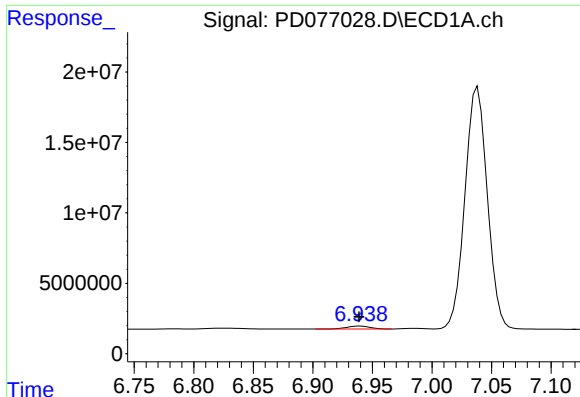
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 224148329
Conc: 92.18 ng/ml



#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 110136089
Conc: 99.08 ng/ml



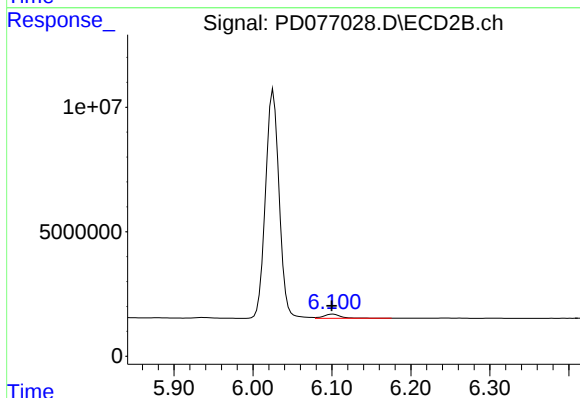
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2799191
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

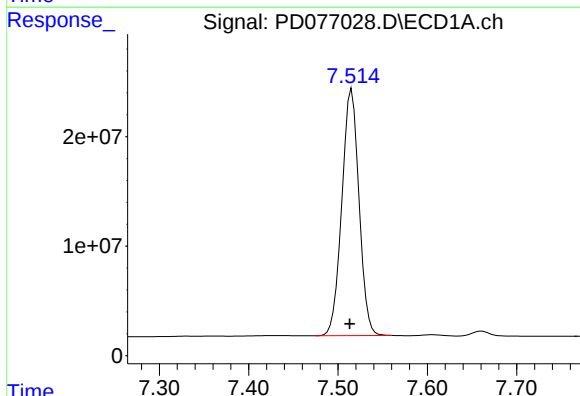
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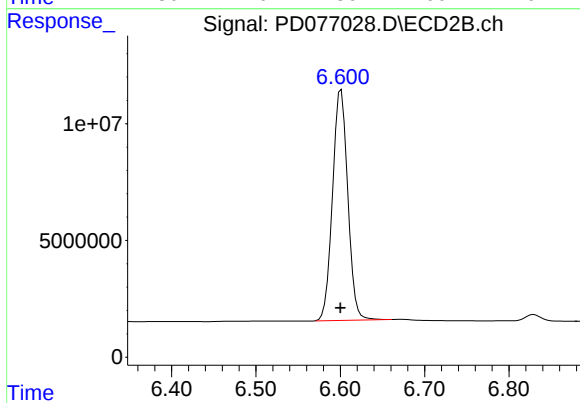
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 2488485
Conc: 2.19 ng/ml



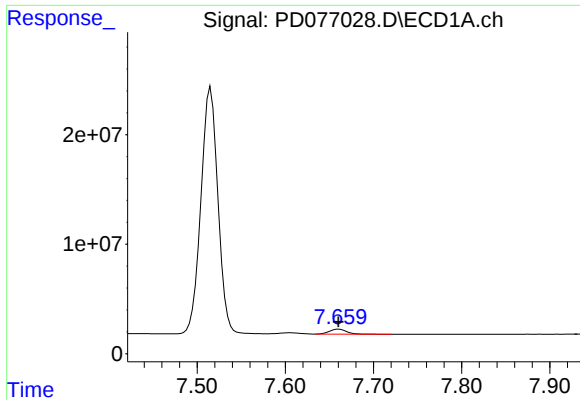
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 300460843
Conc: 212.06 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 124346958
Conc: 207.96 ng/ml



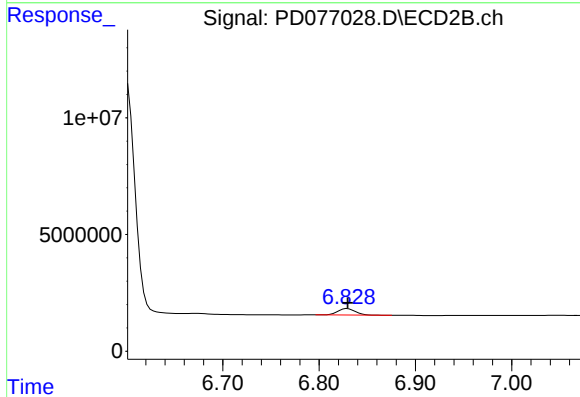
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 5980358
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

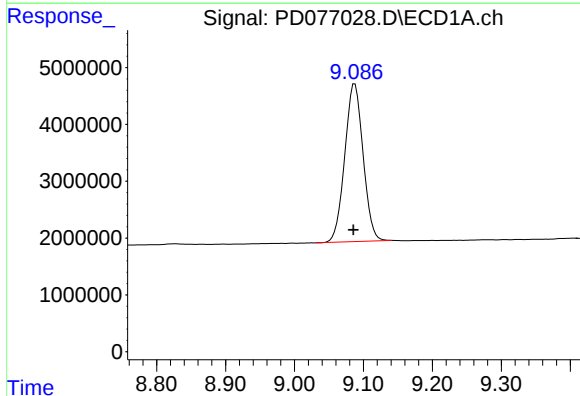
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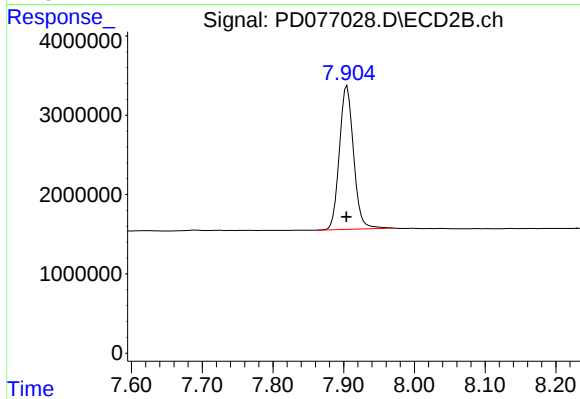
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 3441643
Conc: 2.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 51362683
Conc: 18.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 25171524
Conc: 17.59 ng/ml