

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 18:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:13:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.569	2.803	30651713	49068470	18.984	21.193
28)	SA Decachlor...	9.118	7.949	40176827	53868316	20.028	22.100
Target Compounds							
2)	A alpha-BHC	4.025	3.305	24791743	37530204	9.313	10.824m
3)	MA gamma-BHC...	4.359	3.636	24272106	36202695	9.340	10.661
6)	B beta-BHC	4.552	3.929	11526574	17471118	10.757	12.399m
12)	B 4,4'-DDE	6.229	5.266	298924	758424	0.141	0.285m#
14)	MA Endrin	6.615	5.671	81446436	130.7E6	41.819	51.056
16)	A 4,4'-DDD	6.745	5.818	2601934	4275370	1.480	1.872 #
17)	MA 4,4'-DDT	7.060	6.070	173.2E6	261.4E6	91.451	114.196
18)	B Endrin al...	6.963	6.144	3377662	6629500	2.187	3.566 #
20)	A Methoxychlor	7.535	6.644	223.8E6	330.3E6	204.272	243.266
21)	B Endrin ke...	7.683	6.871	7735665	12760742	3.548	4.564 #

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

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Acq On : 09 Nov 2023 18:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

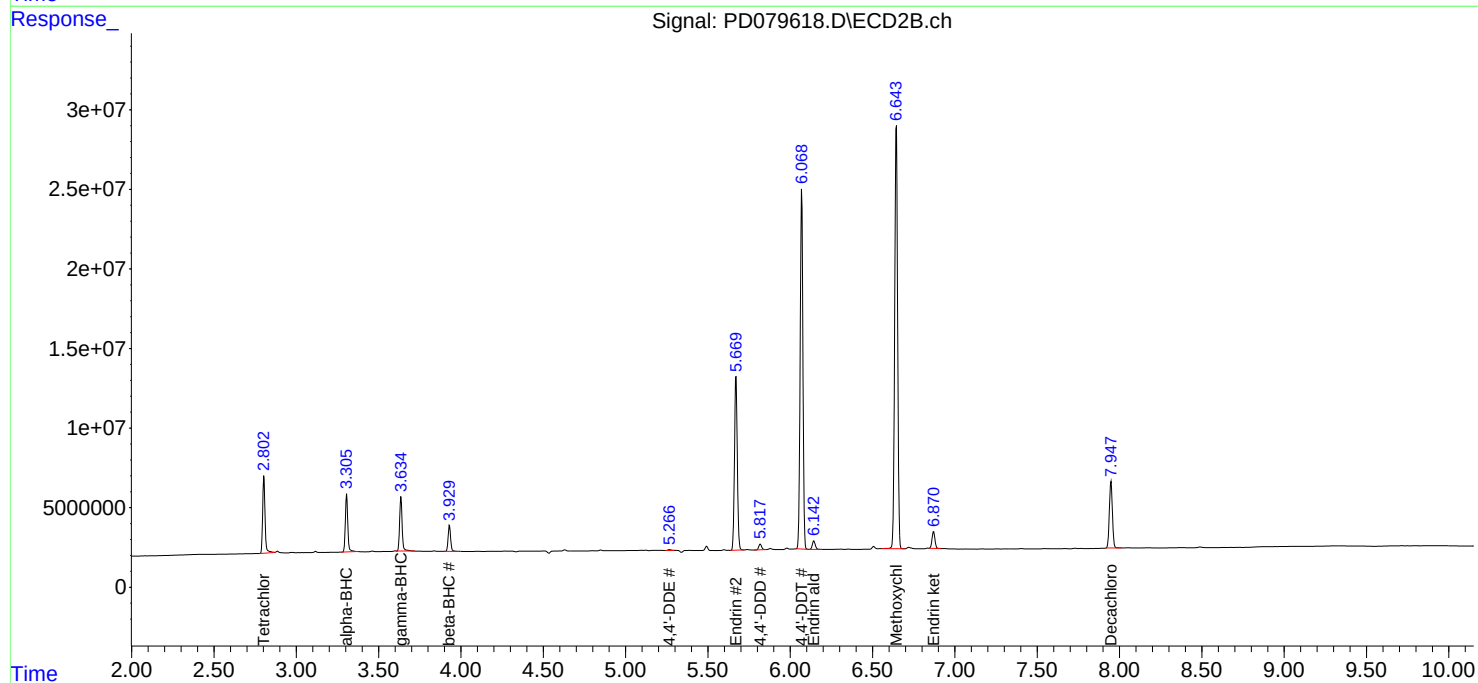
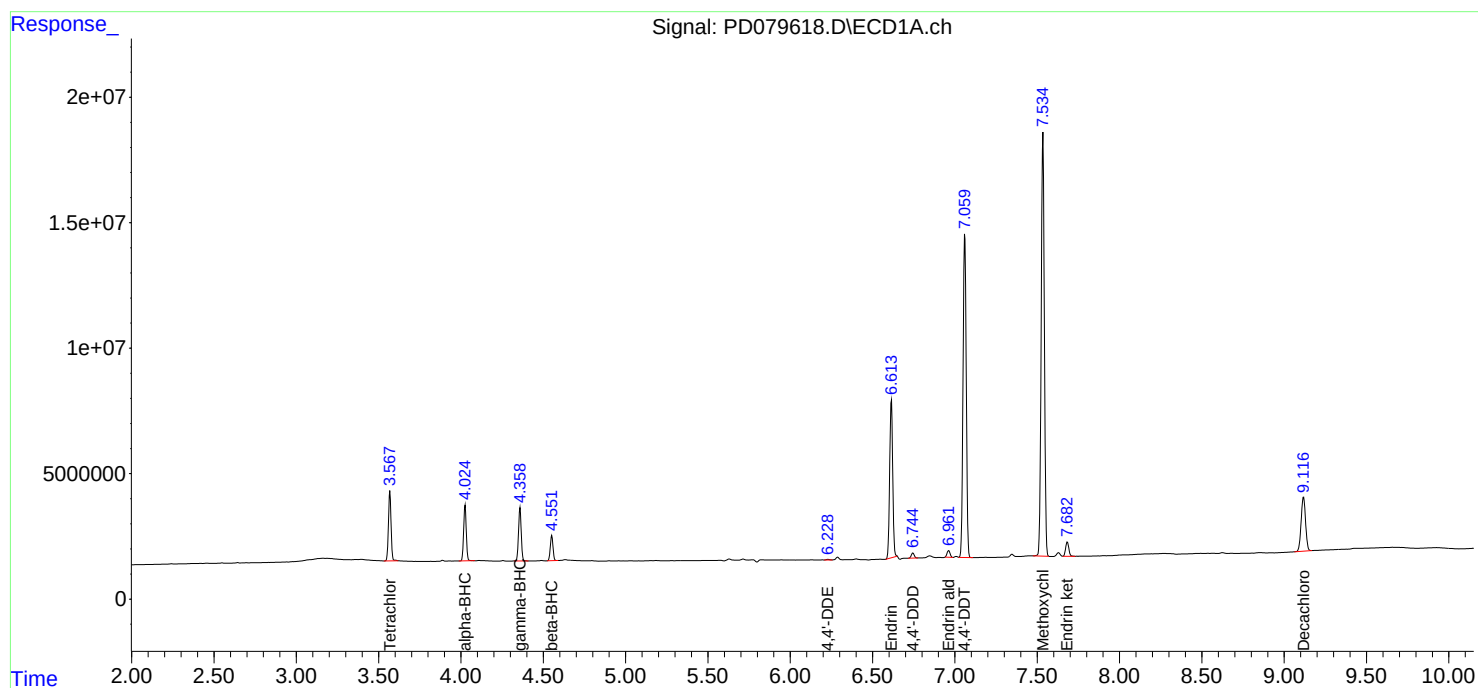
Instrument :
ECD_D
ClientSampleId :
PEM

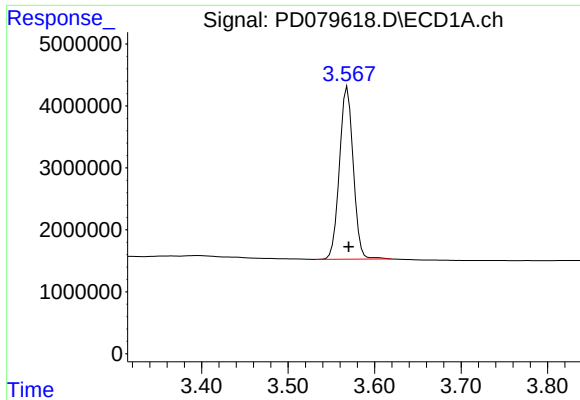
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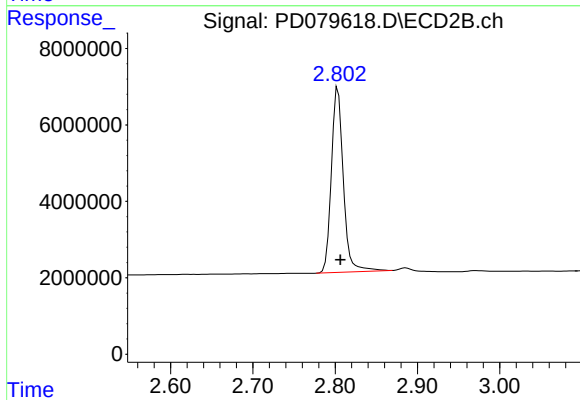
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 30651713
Conc: 18.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

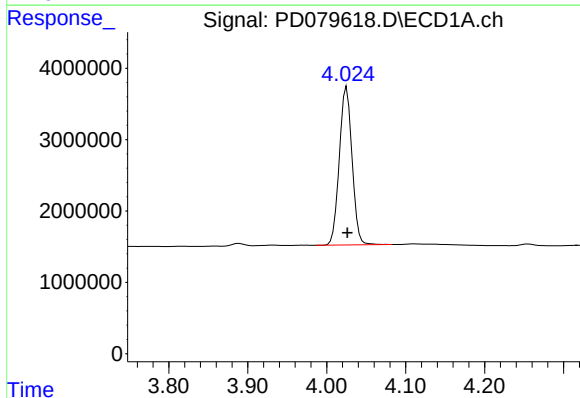
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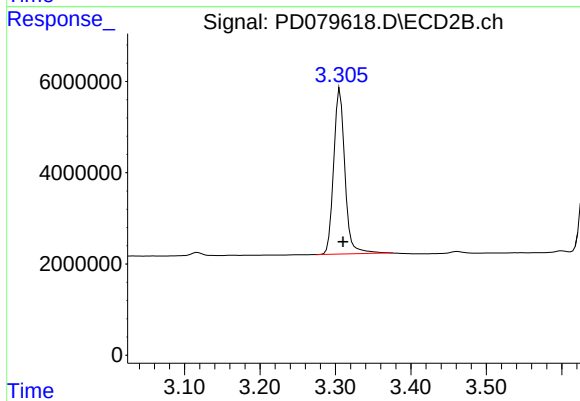
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 49068470
Conc: 21.19 ng/ml



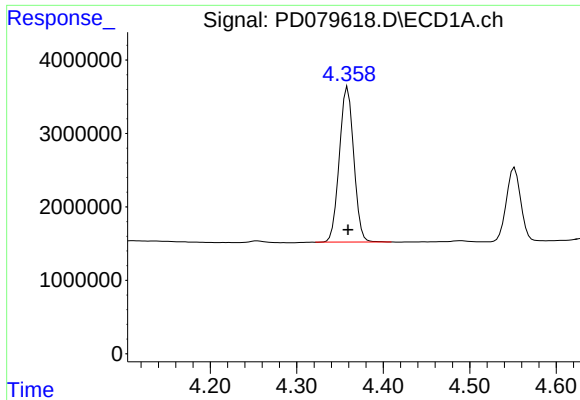
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 24791743
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.005 min
Response: 37530204
Conc: 10.82 ng/ml m



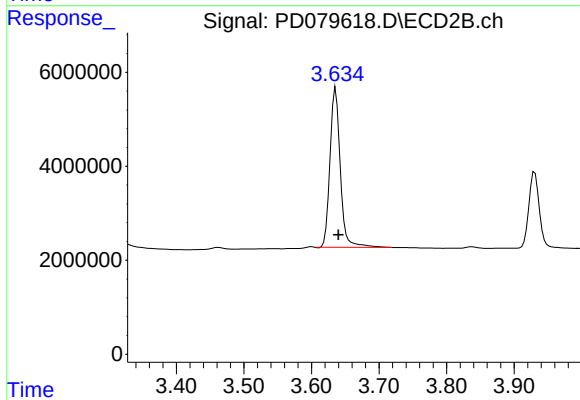
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 24272106
Conc: 9.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

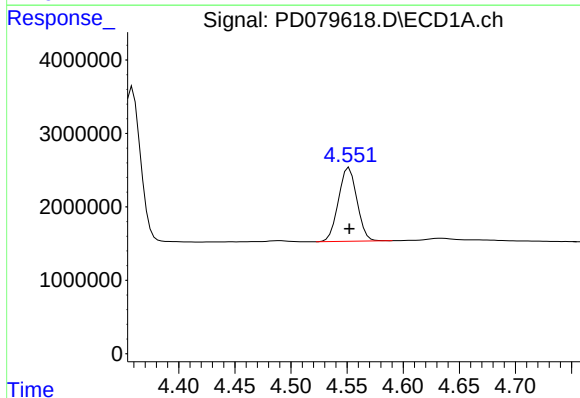
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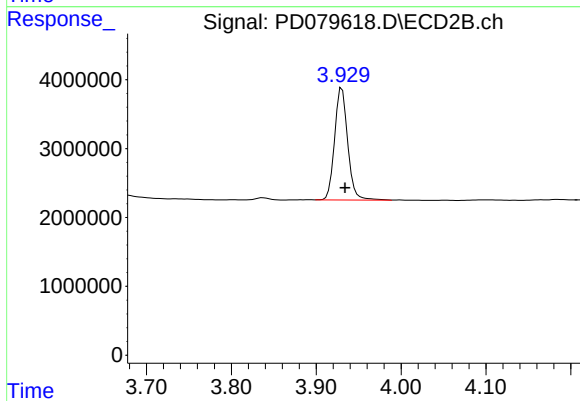
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 36202695
Conc: 10.66 ng/ml



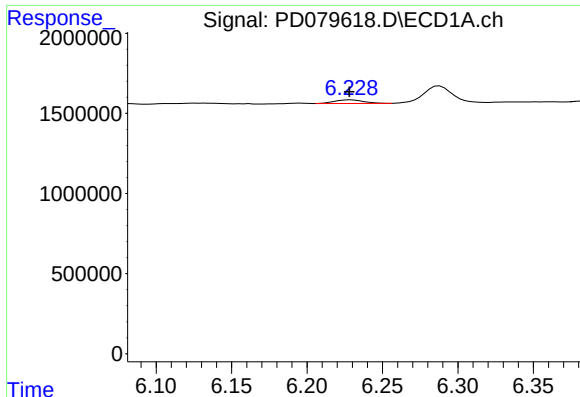
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 11526574
Conc: 10.76 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 17471118
Conc: 12.40 ng/ml m



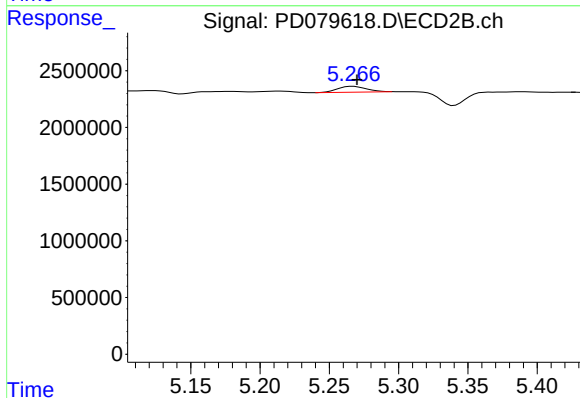
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 298924
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

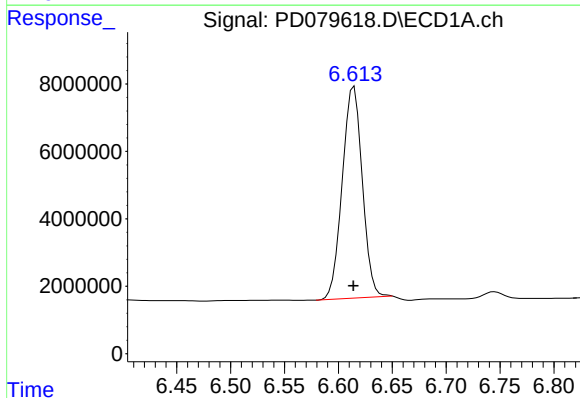
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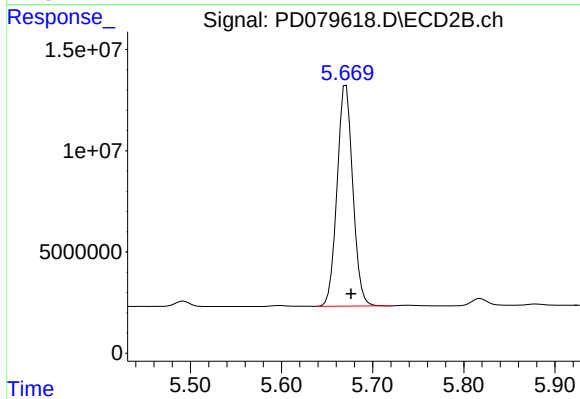
#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 758424
Conc: 0.28 ng/ml m



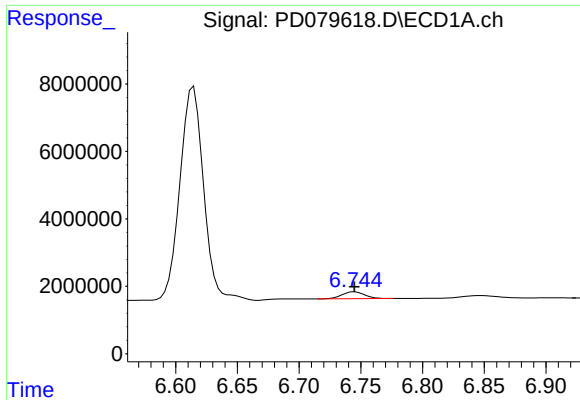
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 81446436
Conc: 41.82 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 130658992
Conc: 51.06 ng/ml



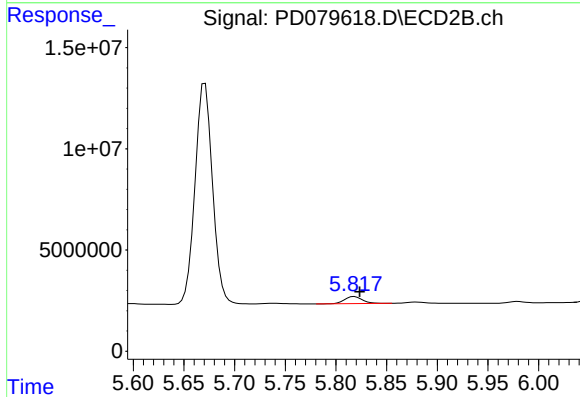
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 2601934
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

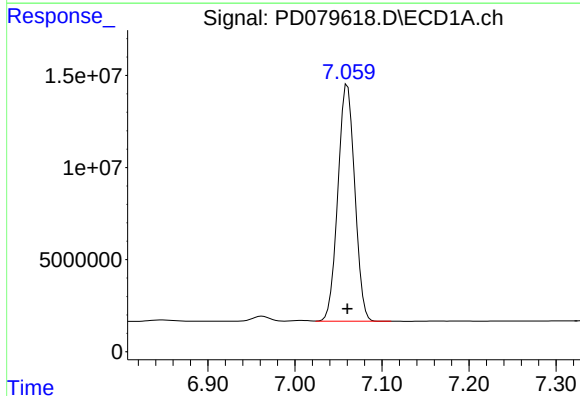
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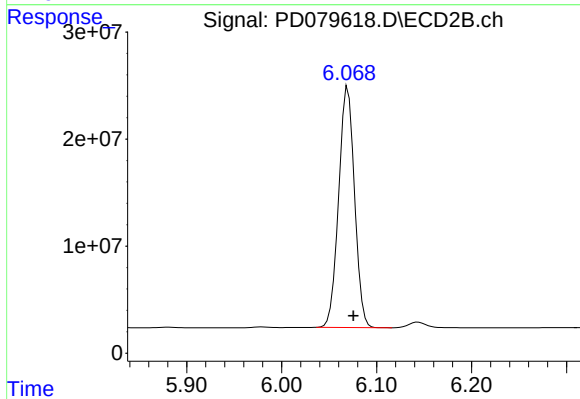
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 4275370
Conc: 1.87 ng/ml



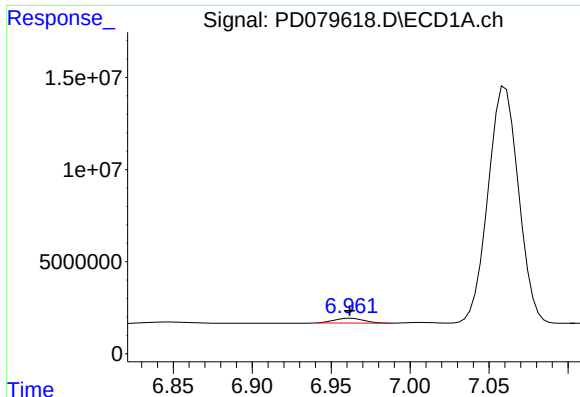
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 173177836
Conc: 91.45 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 261437255
Conc: 114.20 ng/ml



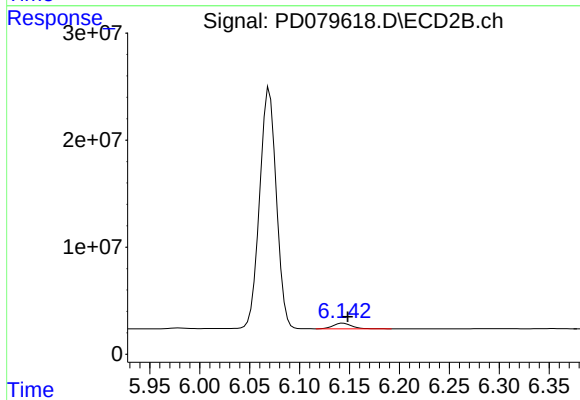
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 3377662
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

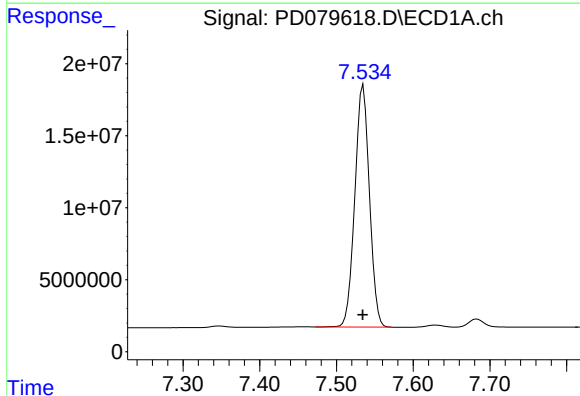
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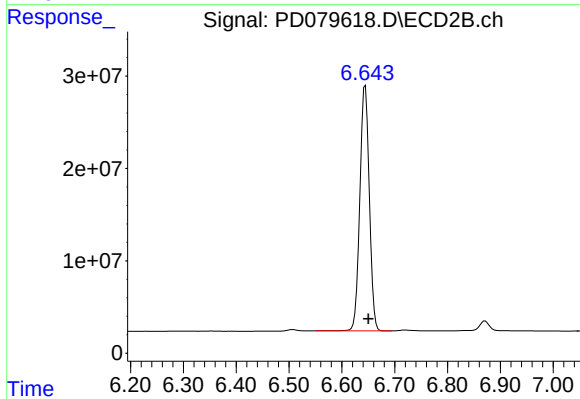
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 6629500
Conc: 3.57 ng/ml



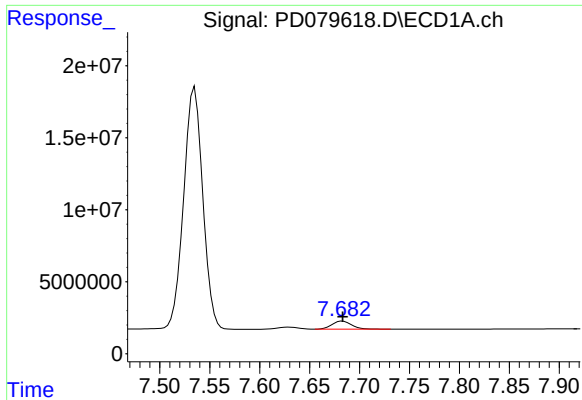
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 223836729
Conc: 204.27 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 330265204
Conc: 243.27 ng/ml



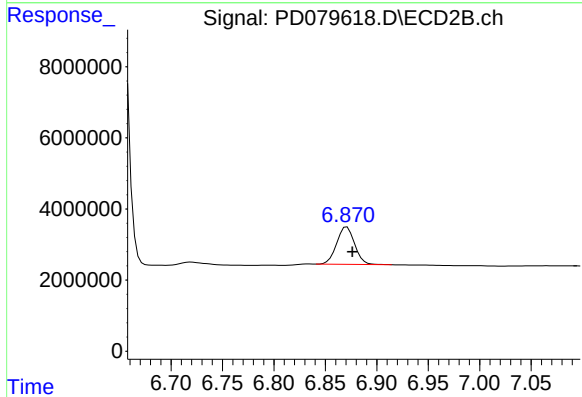
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 7735665
Conc: 3.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

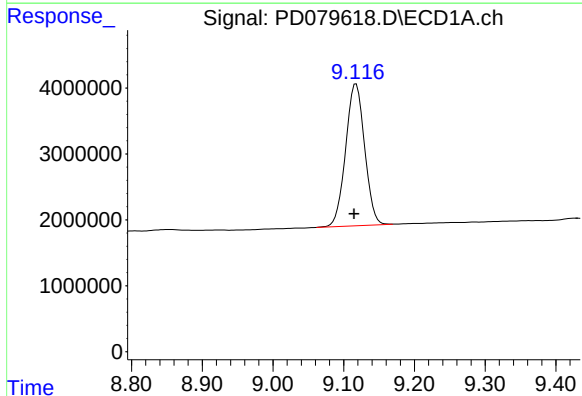
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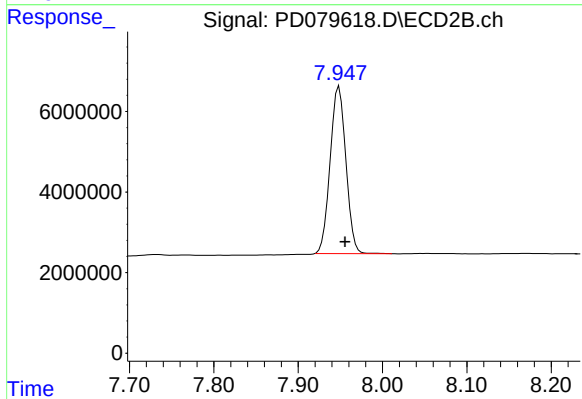
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 12760742
Conc: 4.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.003 min
Response: 40176827
Conc: 20.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 53868316
Conc: 22.10 ng/ml