

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111521\
 Data File : PD066950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2021 18:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/16/2021
 Supervised By : mohammad ahmed 11/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 06:18:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.438	3.968	37910645	184.5E6	20.318	22.794
28)	SA Decachlor...	8.164	9.028	22794729	117.8E6	19.729	21.865
Target Compounds							
2)	A alpha-BHC	3.875	4.361	29123390	126.0E6	9.526	11.417
3)	MA gamma-BHC...	4.156	4.646	30068682	109.8E6	9.957	11.020
6)	B beta-BHC	4.405	4.824	13884046	54684834	11.115	11.744
12)	B 4,4'-DDE	5.581	6.305	631589	3340866	0.271m	0.424 #
14)	MA Endrin	5.971	6.674	110.3E6	345.7E6	52.693	50.236
16)	A 4,4'-DDD	6.097	6.800	1254025	6158830	0.669	0.906 #
17)	MA 4,4'-DDT	6.336	7.097	201.5E6	643.0E6	104.761	88.659
18)	B Endrin al...	6.411	7.013	1945227	4709911	1.258	0.828 #
20)	A Methoxychlor	6.883	7.560	232.9E6	773.1E6	225.564	189.783
21)	B Endrin ke...	7.114	7.709	4107104	16649527	1.882	1.980

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

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Acq On : 15 Nov 2021 18:59
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

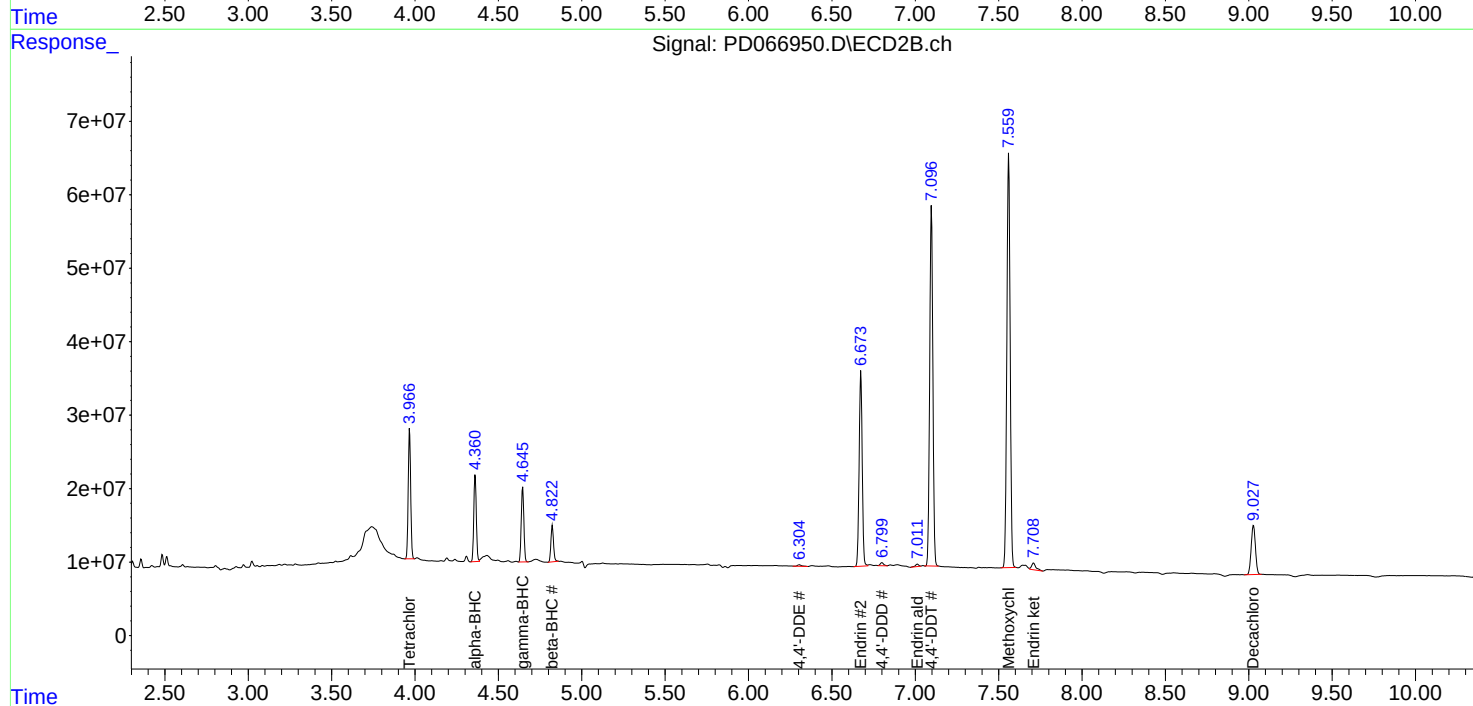
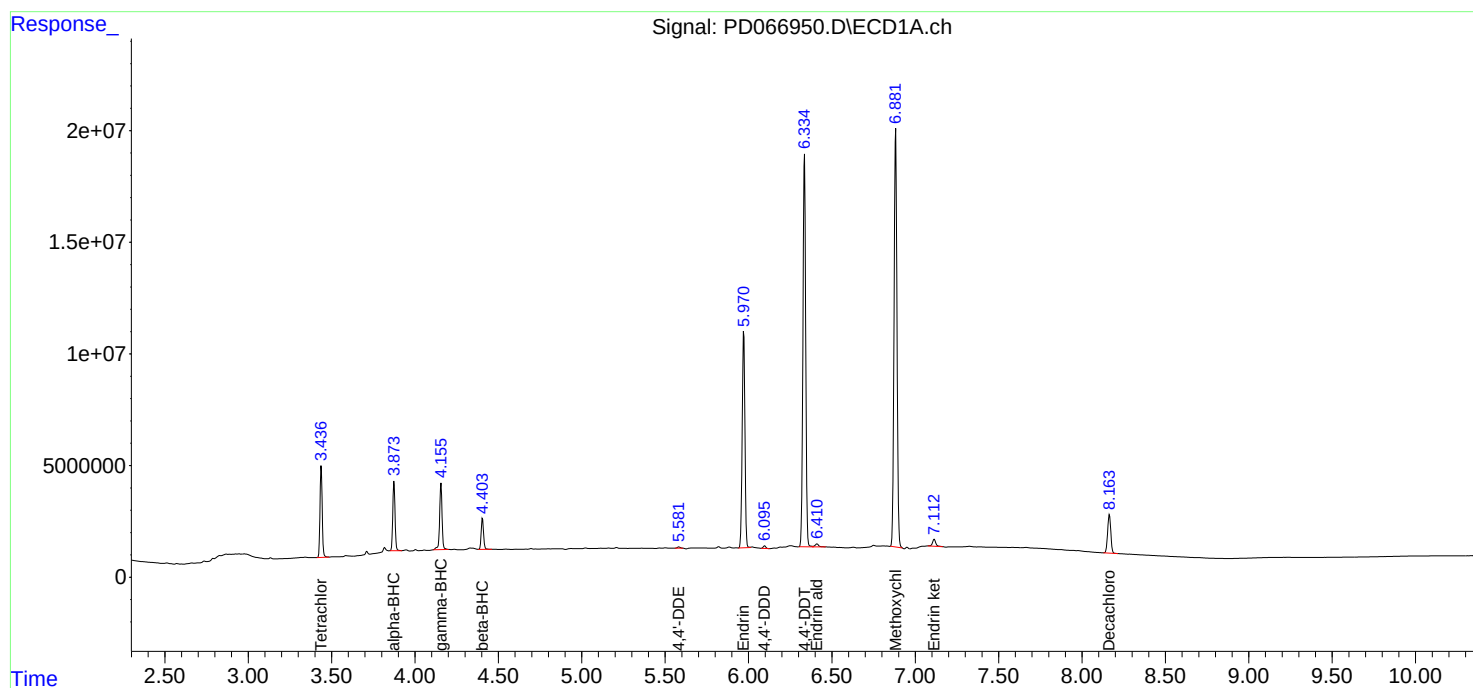
Instrument :
ECD_D
ClientSampleId :
PEM

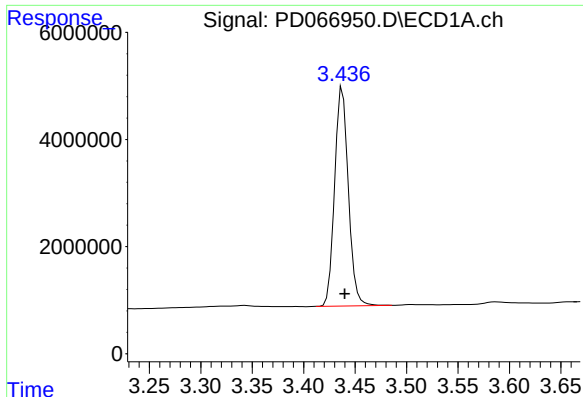
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Integration File signal 1: autoint1.e
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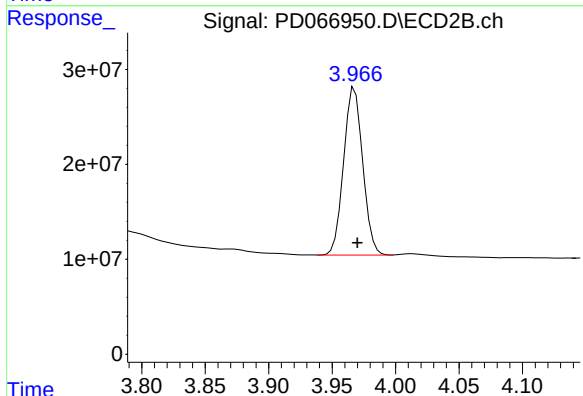
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 37910645
Conc: 20.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

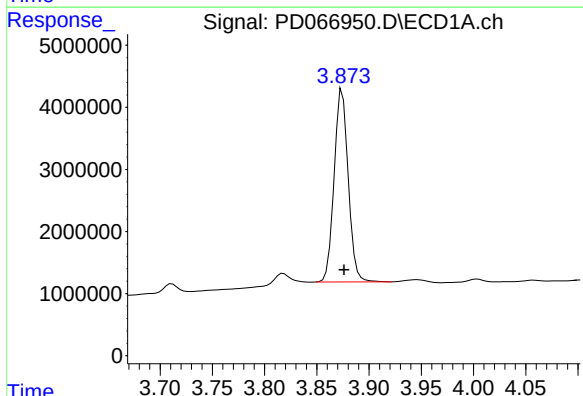
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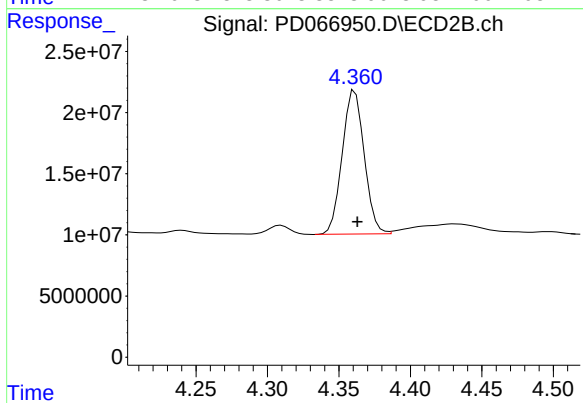
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 184454962
Conc: 22.79 ng/ml



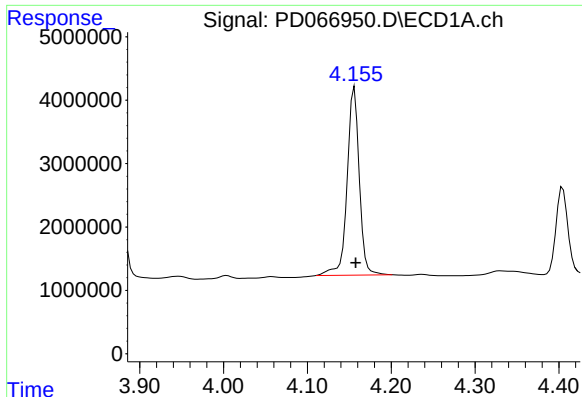
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 29123390
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 125956889
Conc: 11.42 ng/ml



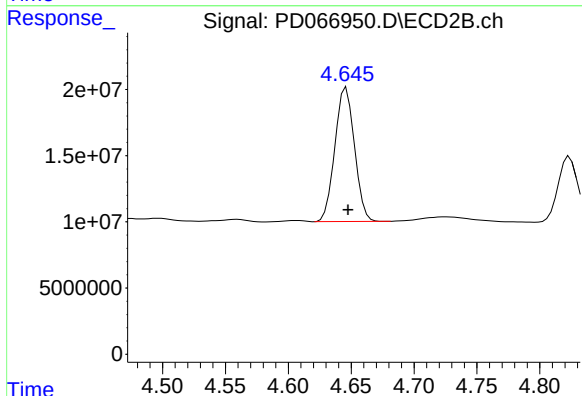
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 30068682
Conc: 9.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

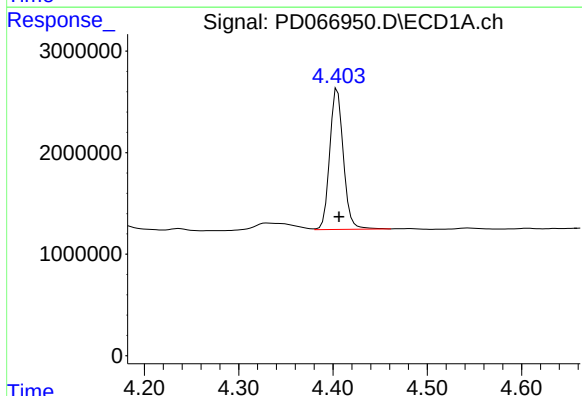
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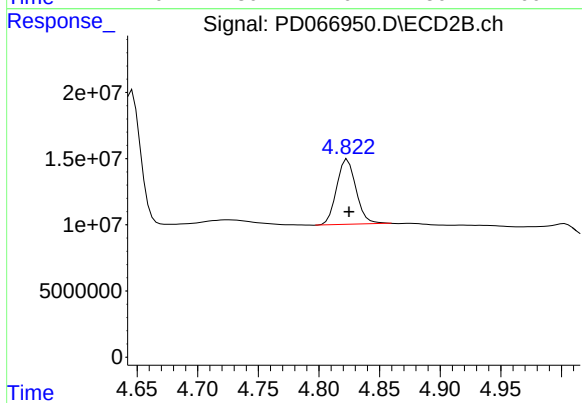
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 109815911
Conc: 11.02 ng/ml



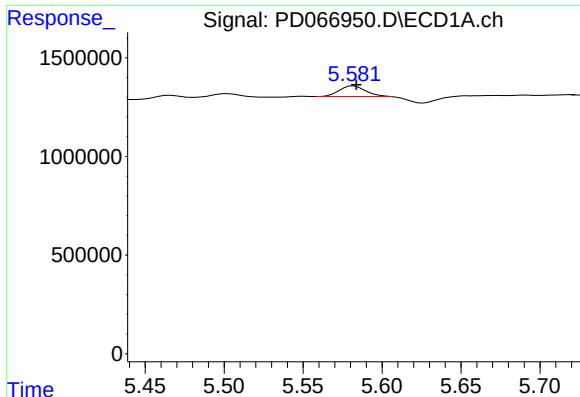
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 13884046
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 54684834
Conc: 11.74 ng/ml



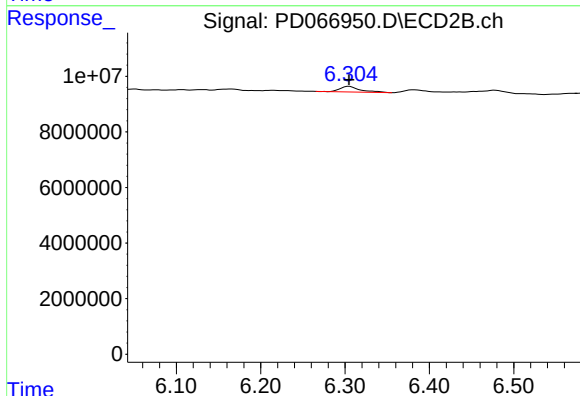
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 631589
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

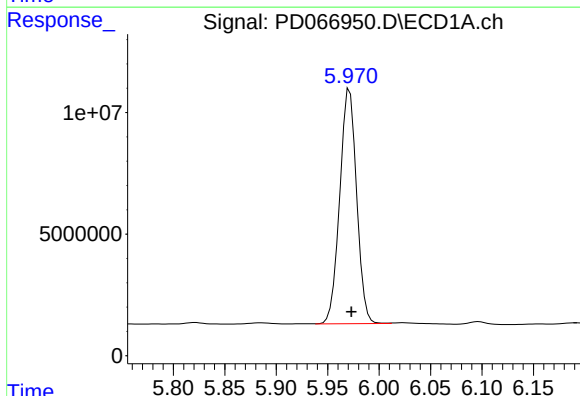
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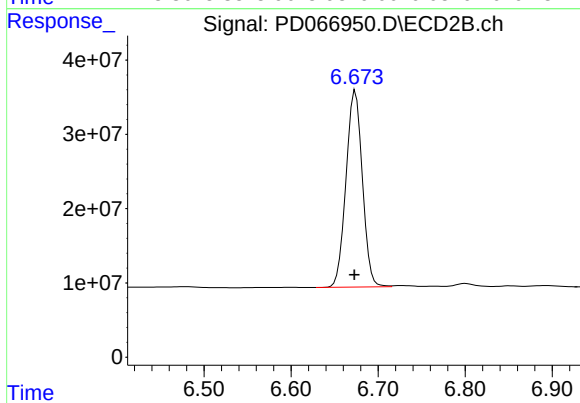
#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 3340866
Conc: 0.42 ng/ml



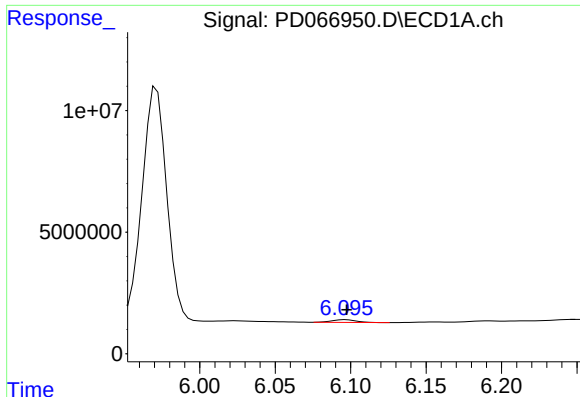
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 110277334
Conc: 52.69 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 345748247
Conc: 50.24 ng/ml



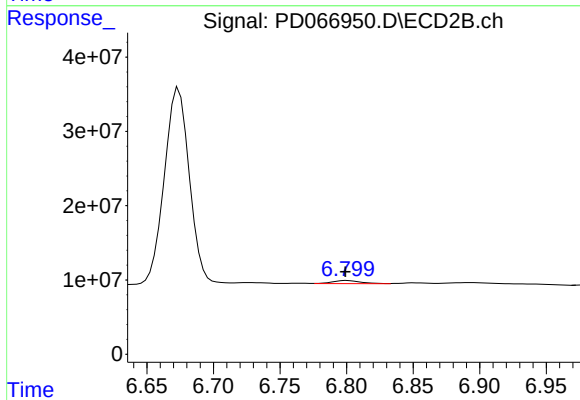
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1254025
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

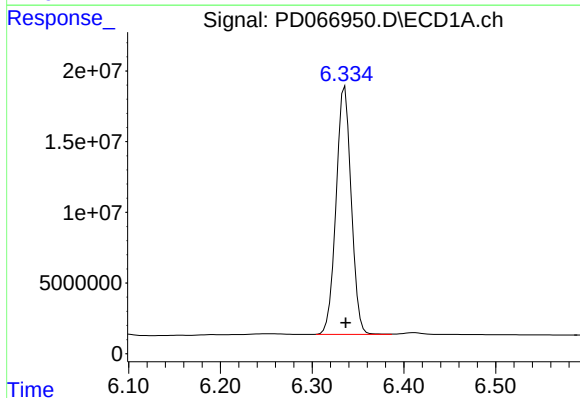
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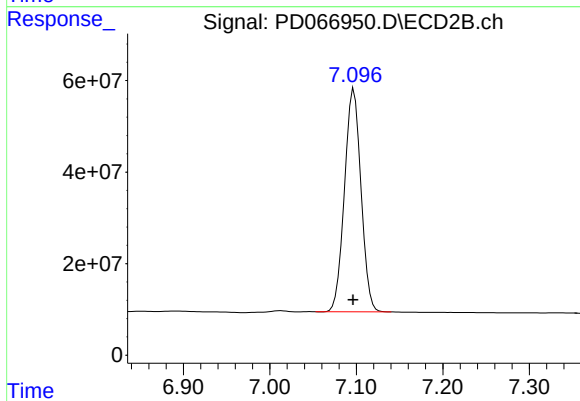
#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 6158830
Conc: 0.91 ng/ml



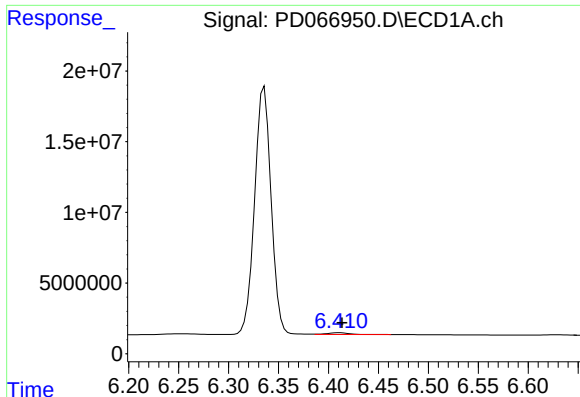
#17 4,4'-DDT

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 201504017
Conc: 104.76 ng/ml



#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 643046587
Conc: 88.66 ng/ml



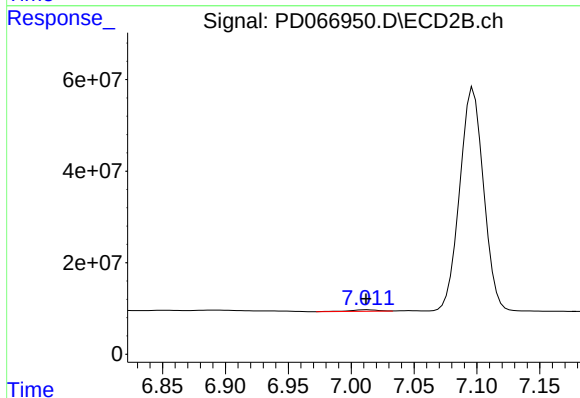
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 1945227
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

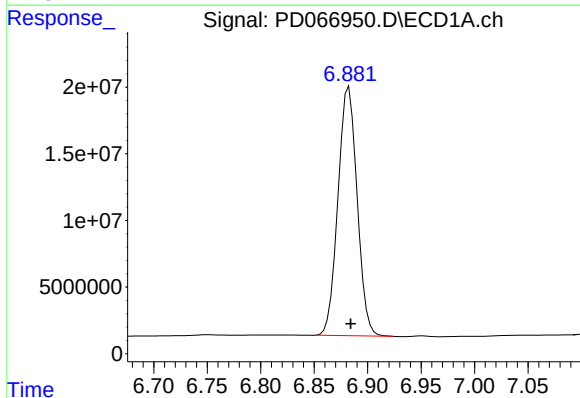
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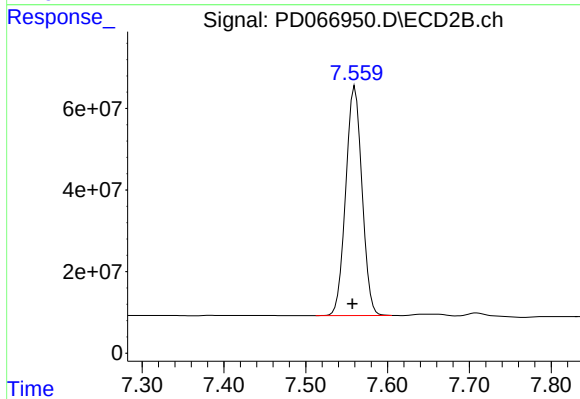
#18 Endrin aldehyde

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 4709911
Conc: 0.83 ng/ml



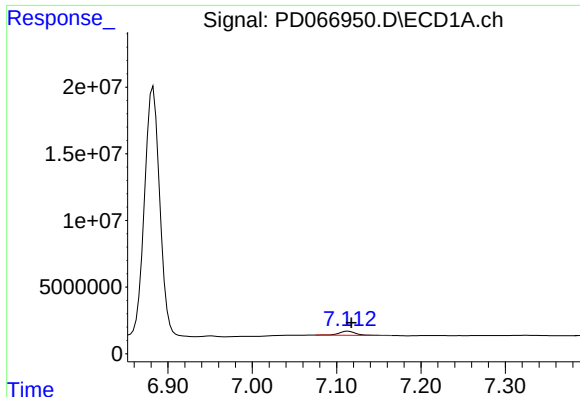
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 232939033
Conc: 225.56 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 773130752
Conc: 189.78 ng/ml



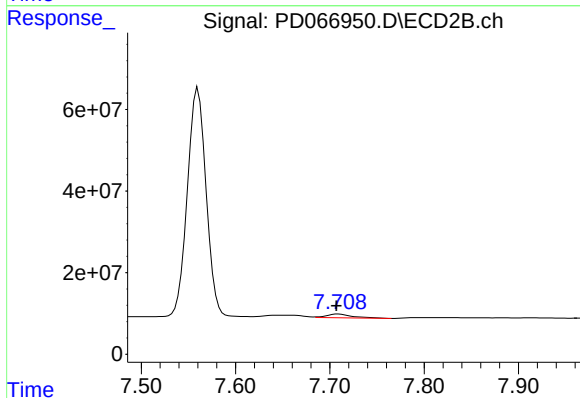
#21 Endrin ketone

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 4107104
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

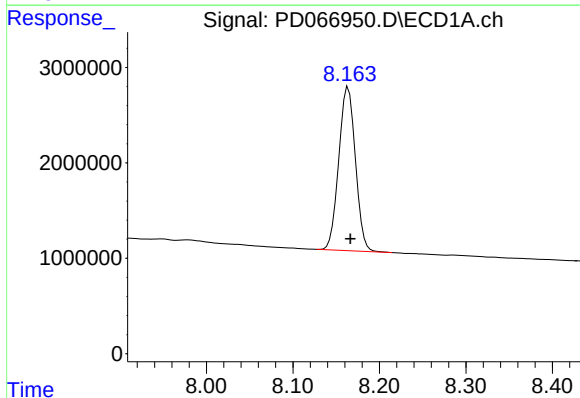
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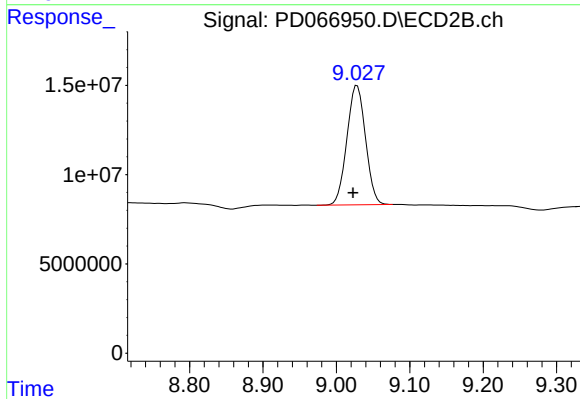
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 16649527
Conc: 1.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 22794729
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.005 min
Response: 117771735
Conc: 21.86 ng/ml