

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012122\
 Data File : PD067745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 09:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2022
 Supervised By :Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 23:53:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 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...	3.430	3.959	38398133	140.6E6	21.130	21.308
28)	SA Decachlor...	8.148	9.008	18110138	83343558	20.388	17.537
Target Compounds							
2)	A alpha-BHC	3.866	4.352	28830322	97730039	9.996	10.533
3)	MA gamma-BHC...	4.147	4.637	26676775	89281911	10.030	10.594
6)	B beta-BHC	4.396	4.814	13423668	45867179	12.214	11.763m
12)	B 4,4'-DDE	5.568	6.294	475901	1425253	0.215m	0.231
14)	MA Endrin	5.957	6.661	110.5E6	258.1E6	52.587m	46.556
16)	A 4,4'-DDD	6.084	6.789	1371361	2806466	0.798	0.561 #
17)	MA 4,4'-DDT	6.321	7.085	183.8E6	460.9E6	112.462m	86.127
18)	B Endrin al...	6.396	6.998	856679	846570	0.564m	0.188m#
20)	A Methoxychlor	6.870	7.547	208.3E6	576.2E6	245.427	198.604
21)	B Endrin ke...	7.103	7.693	1928751	4198262	1.127	0.669m#

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

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Acq On : 21 Jan 2022 09:18
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

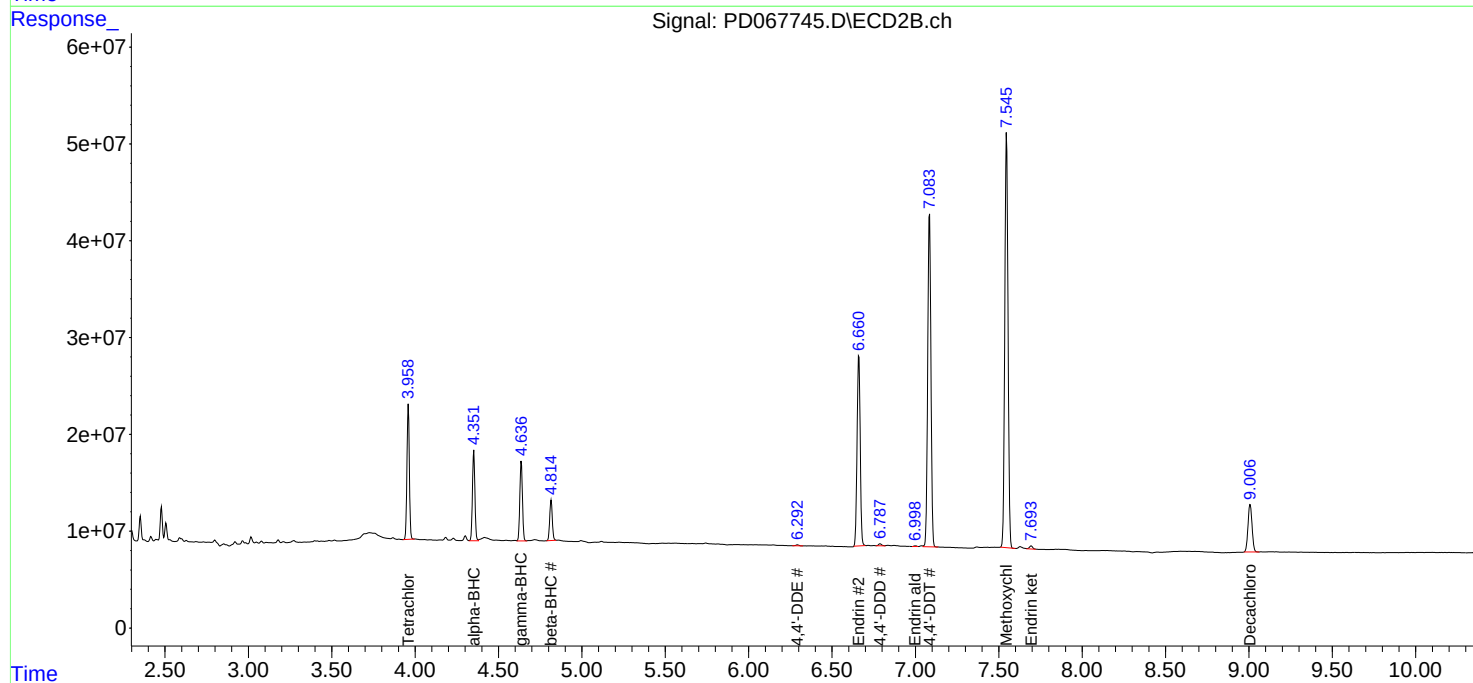
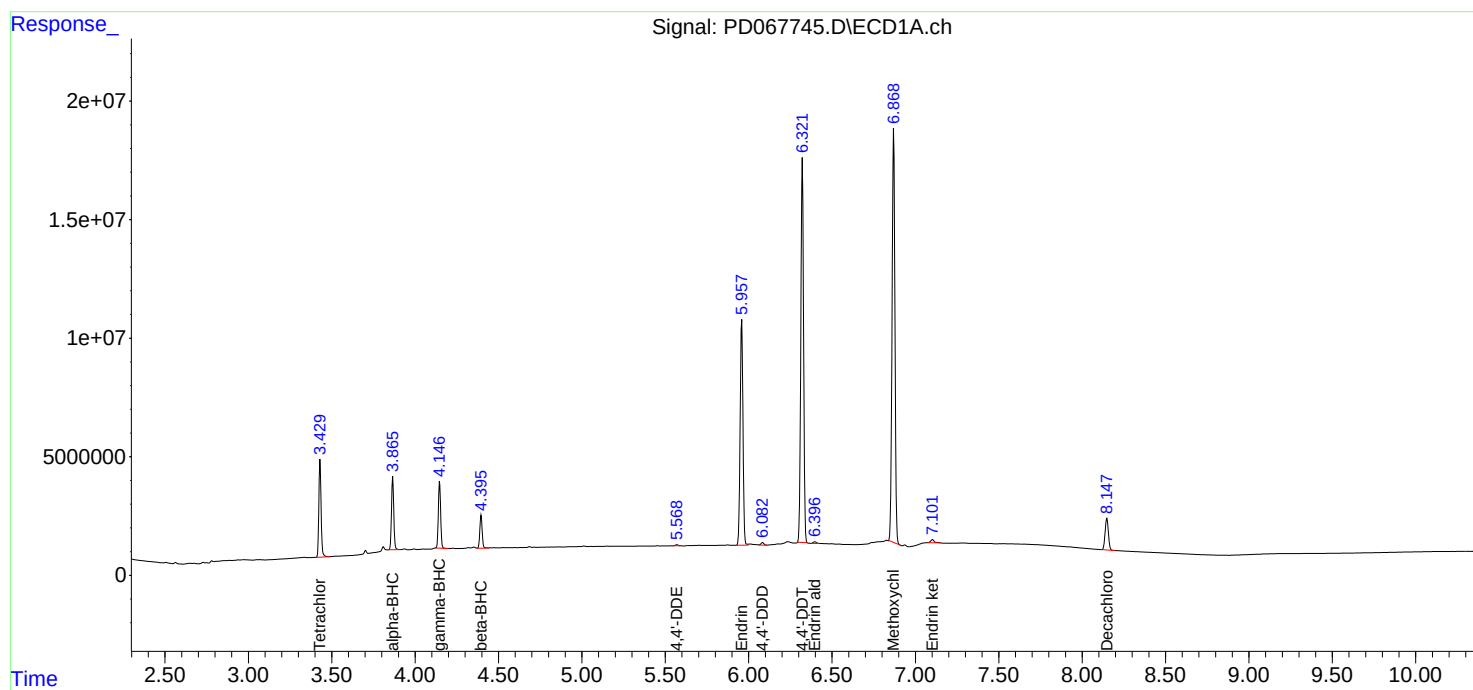
Instrument :
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PEM

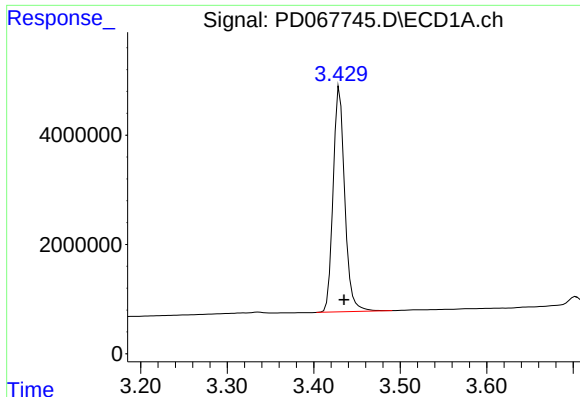
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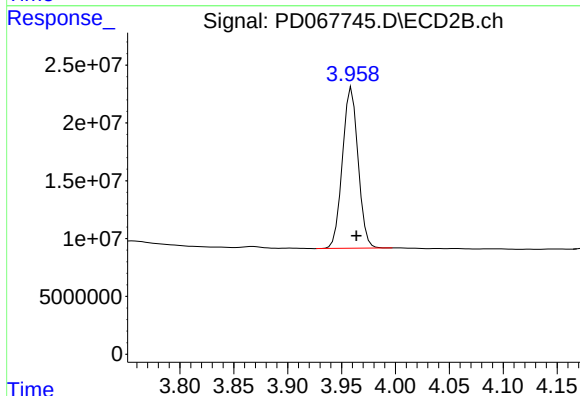
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.005 min
Response: 38398133
Conc: 21.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

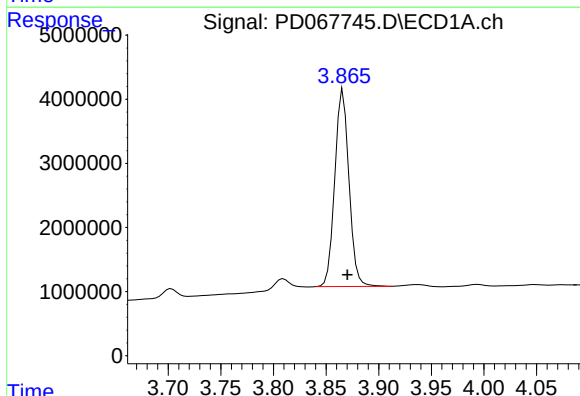
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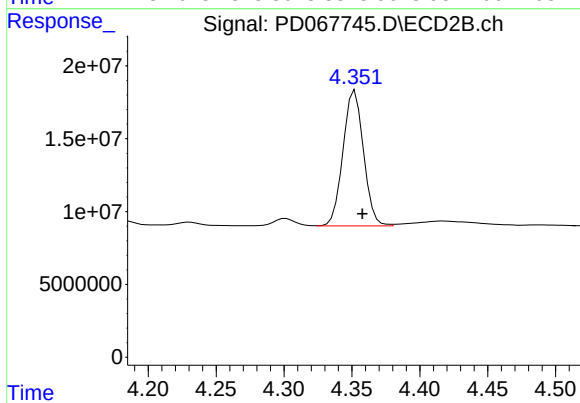
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 140595840
Conc: 21.31 ng/ml



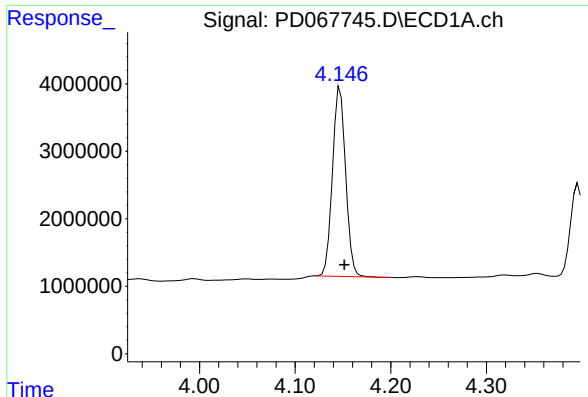
#2 alpha-BHC

R.T.: 3.866 min
Delta R.T.: -0.004 min
Response: 28830322
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: -0.005 min
Response: 97730039
Conc: 10.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.147 min
Delta R.T.: -0.005 min
Response: 26676775
Conc: 10.03 ng/ml

Instrument :

ECD_D

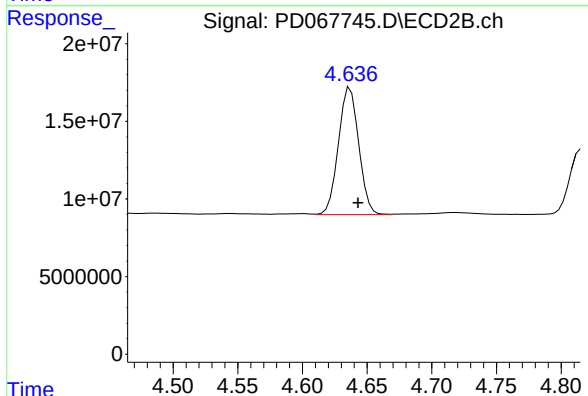
ClientSampleId :

PEM

Manual Integrations

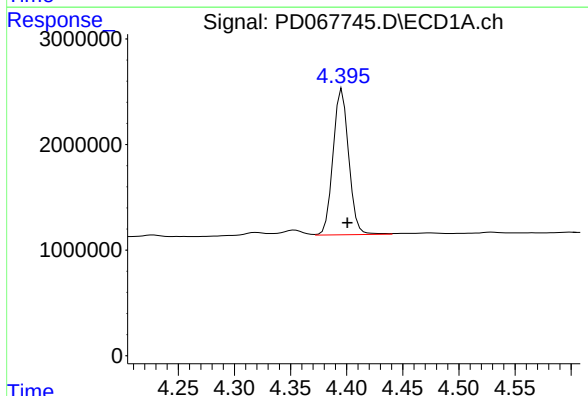
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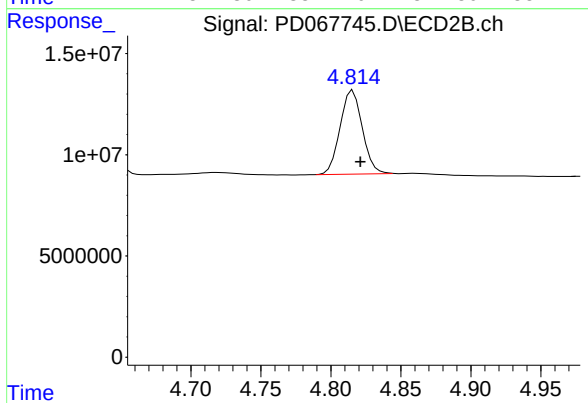
#3 gamma-BHC (Lindane)

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 89281911
Conc: 10.59 ng/ml



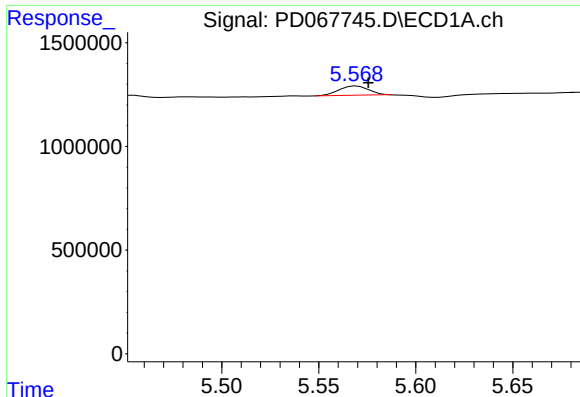
#6 beta-BHC

R.T.: 4.396 min
Delta R.T.: -0.005 min
Response: 13423668
Conc: 12.21 ng/ml



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: -0.007 min
Response: 45867179
Conc: 11.76 ng/ml m



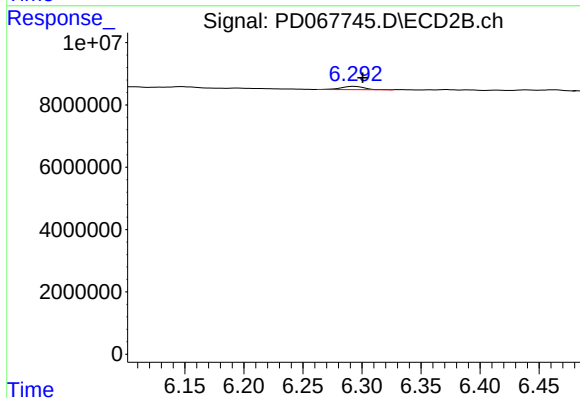
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 475901
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

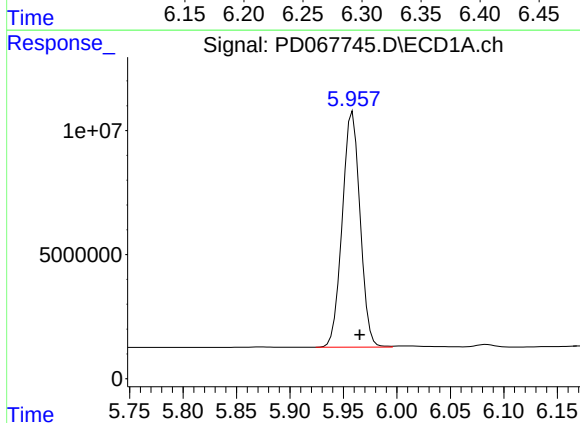
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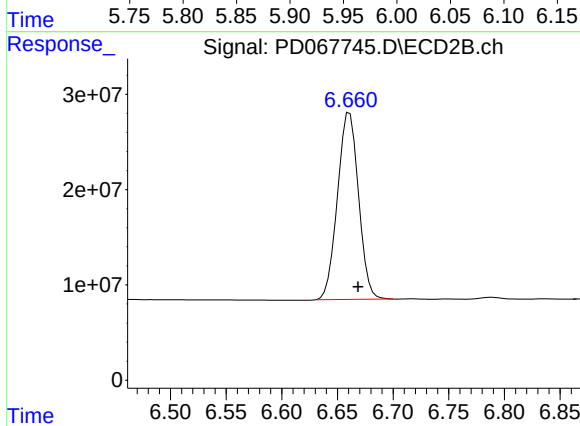
#12 4,4'-DDE

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 1425253
Conc: 0.23 ng/ml



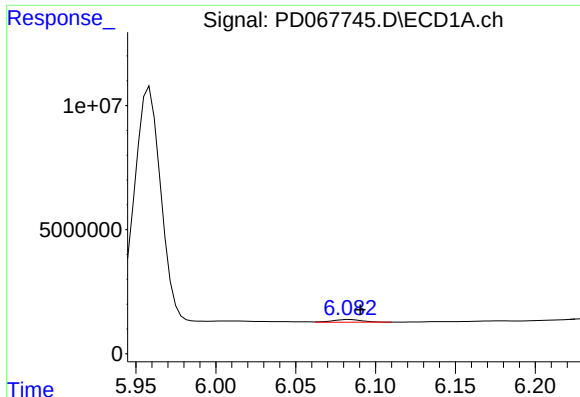
#14 Endrin

R.T.: 5.957 min
Delta R.T.: -0.008 min
Response: 110466423
Conc: 52.59 ng/ml m



#14 Endrin

R.T.: 6.661 min
Delta R.T.: -0.008 min
Response: 258096557
Conc: 46.56 ng/ml



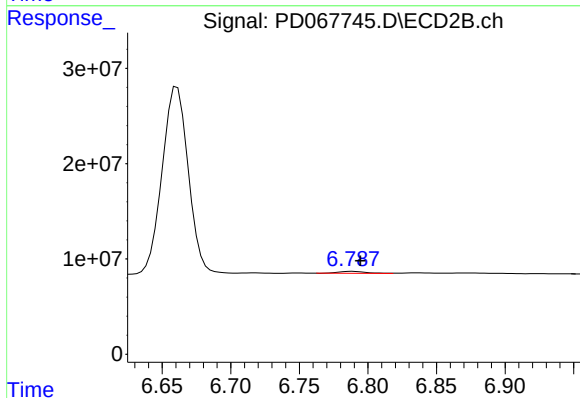
#16 4,4'-DDD

R.T.: 6.084 min
Delta R.T.: -0.007 min
Response: 1371361
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

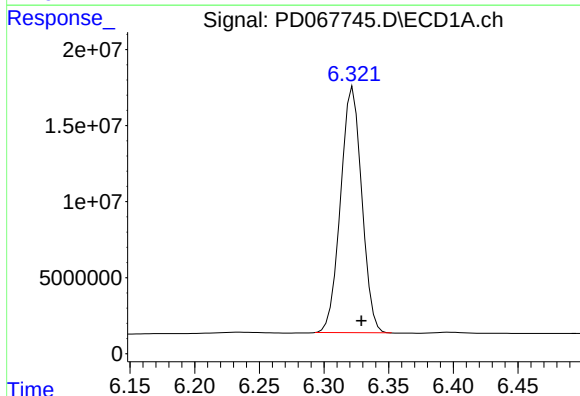
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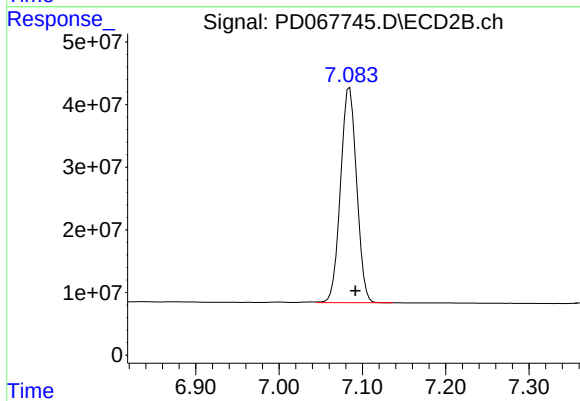
#16 4,4'-DDD

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 2806466
Conc: 0.56 ng/ml



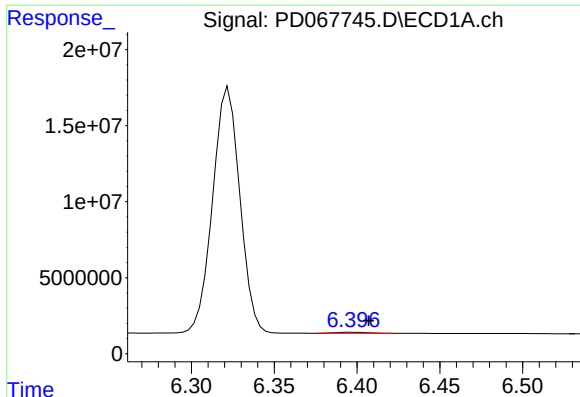
#17 4,4'-DDT

R.T.: 6.321 min
Delta R.T.: -0.008 min
Response: 183763825
Conc: 112.46 ng/ml m



#17 4,4'-DDT

R.T.: 7.085 min
Delta R.T.: -0.007 min
Response: 460859583
Conc: 86.13 ng/ml



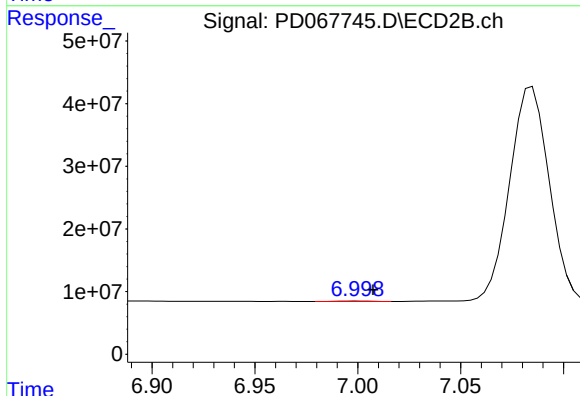
#18 Endrin aldehyde

R.T.: 6.396 min
Delta R.T.: -0.011 min
Response: 856679
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

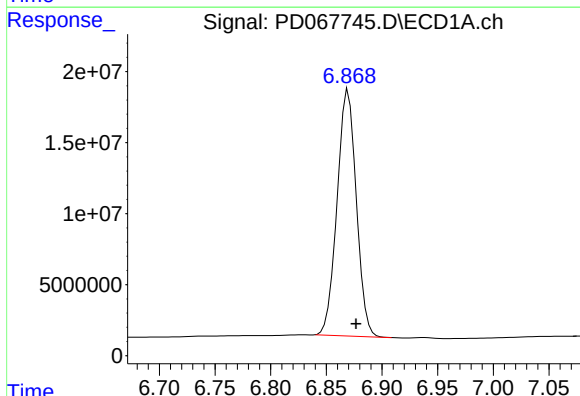
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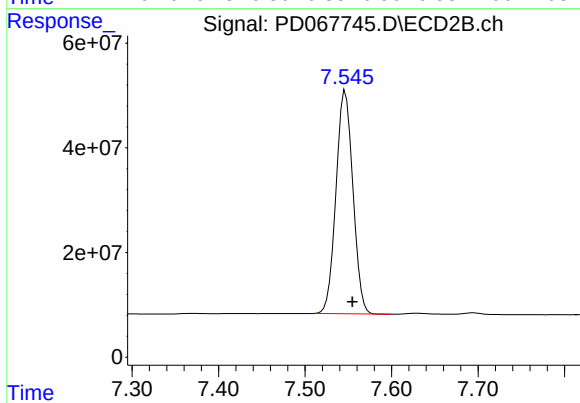
#18 Endrin aldehyde

R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 846570
Conc: 0.19 ng/ml m



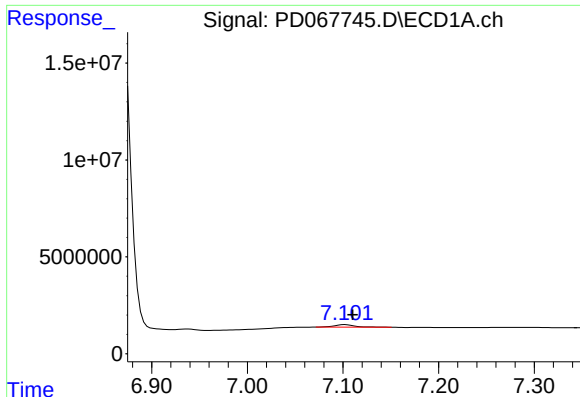
#20 Methoxychlor

R.T.: 6.870 min
Delta R.T.: -0.007 min
Response: 208338500
Conc: 245.43 ng/ml



#20 Methoxychlor

R.T.: 7.547 min
Delta R.T.: -0.008 min
Response: 576238382
Conc: 198.60 ng/ml



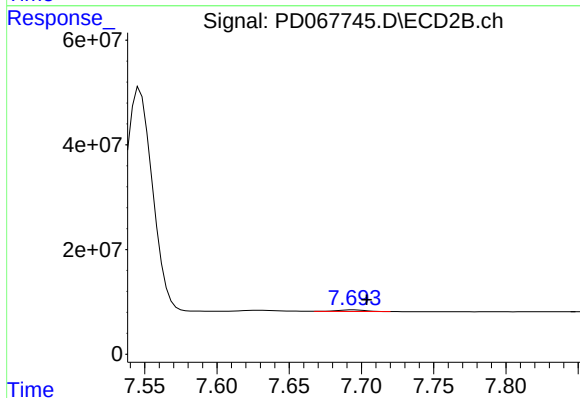
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: -0.008 min
Response: 1928751
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

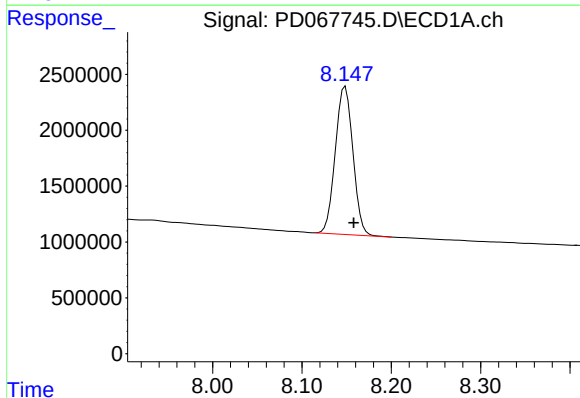
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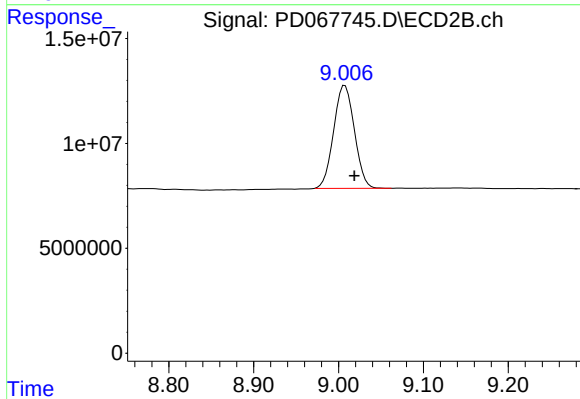
#21 Endrin ketone

R.T.: 7.693 min
Delta R.T.: -0.010 min
Response: 4198262
Conc: 0.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.148 min
Delta R.T.: -0.010 min
Response: 18110138
Conc: 20.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: -0.011 min
Response: 83343558
Conc: 17.54 ng/ml