

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022124\
 Data File : PD081525.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 09:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2024
 Supervised By : Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 20:35:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.565	2.793	28749012	52533904	20.252	21.961
28)	SA Decachlor...	9.109	7.928	40689503	54763167	20.219	20.560
Target Compounds							
2)	A alpha-BHC	4.022	3.294	22671487	39520738	9.128	10.300
3)	MA gamma-BHC...	4.354	3.623	22507388	36720952	9.196	9.821
6)	B beta-BHC	4.549	3.918	11143277	17668319	11.013	11.307
12)	B 4,4'-DDE	6.223	5.248	276048	642470	0.136m	0.210 #
14)	MA Endrin	6.609	5.654	78599899	134.5E6	42.083	45.383
16)	A 4,4'-DDD	6.741	5.801	2476055	4067130	1.507	1.549
17)	MA 4,4'-DDT	7.055	6.052	165.7E6	257.3E6	93.021	96.967
18)	B Endrin al...	6.957	6.127	3001104	5484430	1.973	2.432
20)	A Methoxychlor	7.530	6.626	218.0E6	320.7E6	211.840	204.898
21)	B Endrin ke...	7.679	6.854	6566737	11489782	3.140	3.561

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

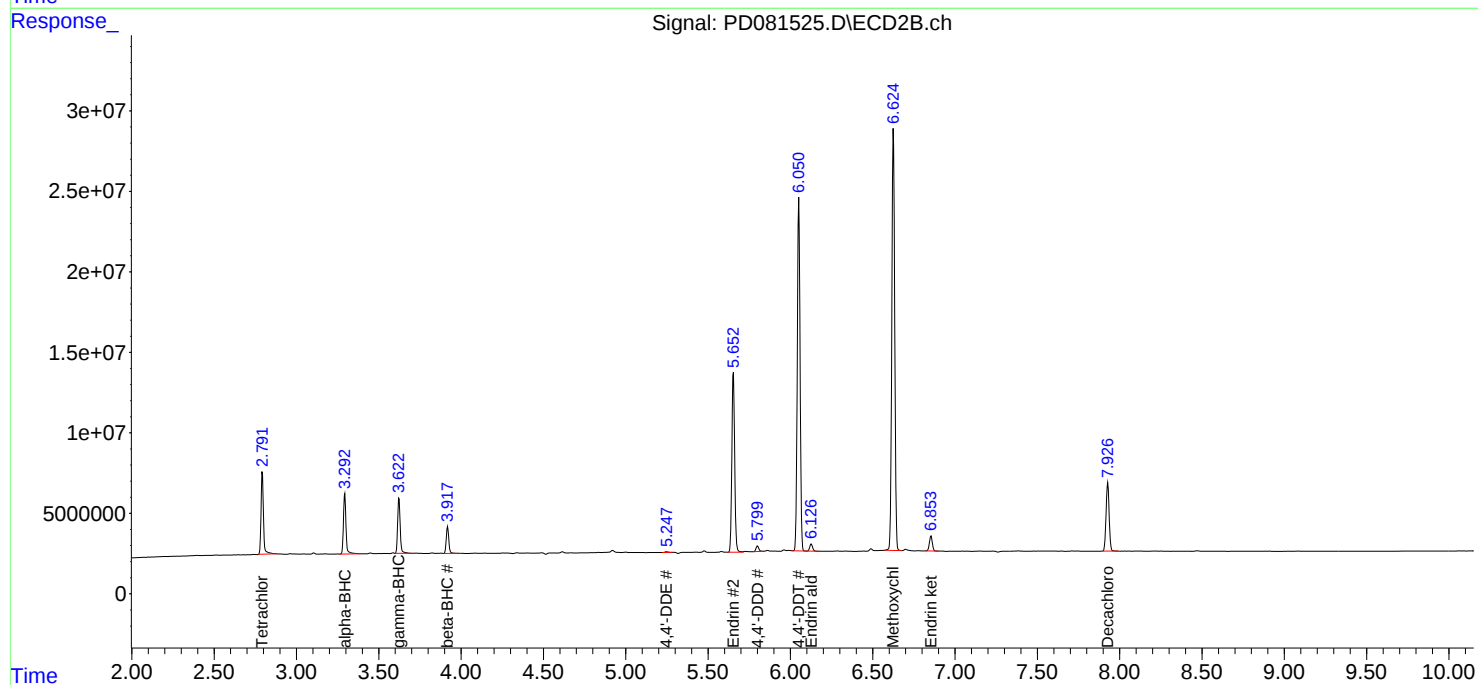
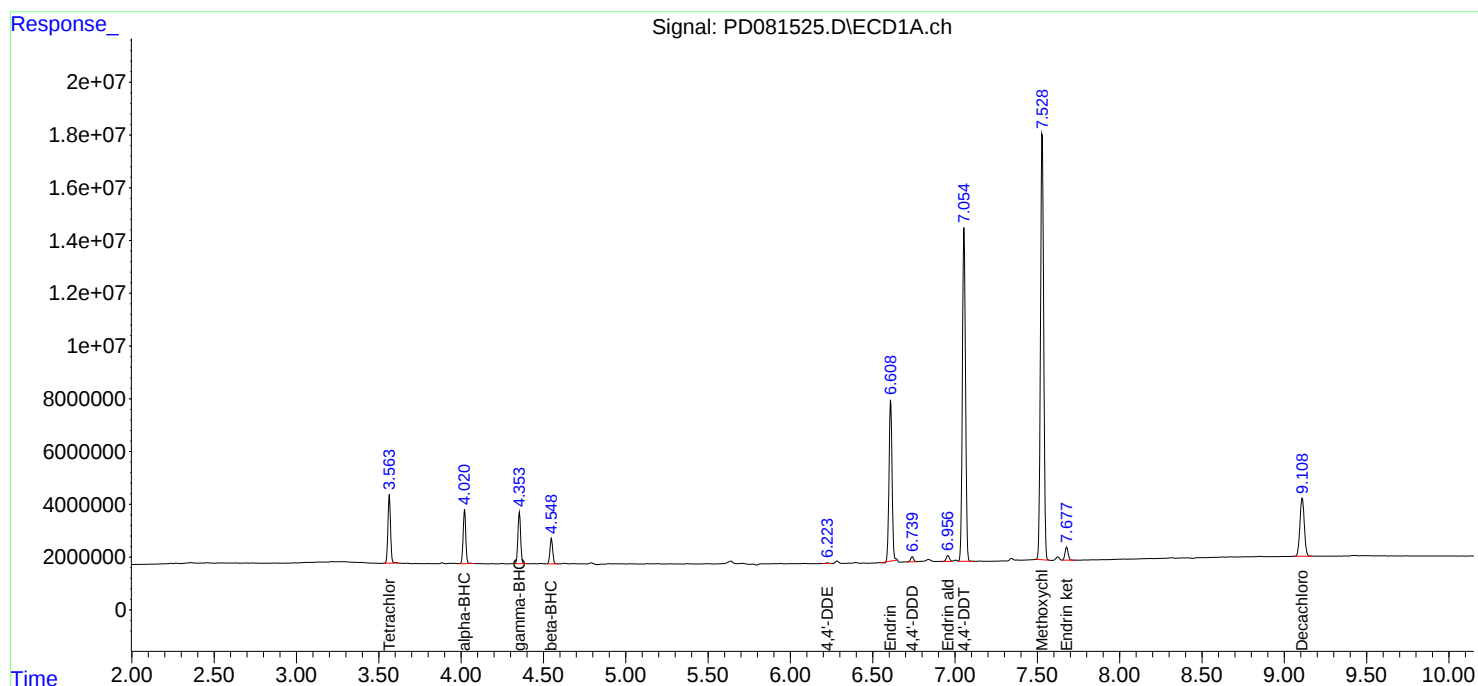
Instrument :
ECD_D
ClientSampleId :
PEM

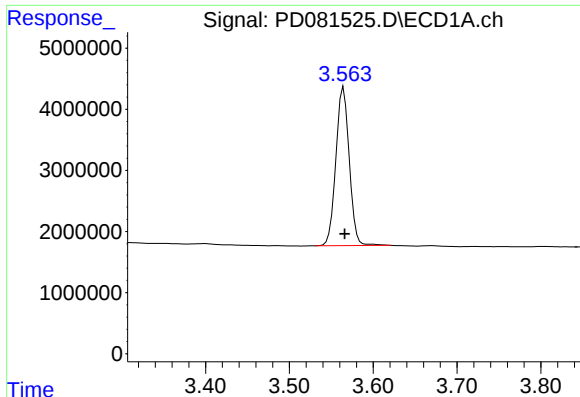
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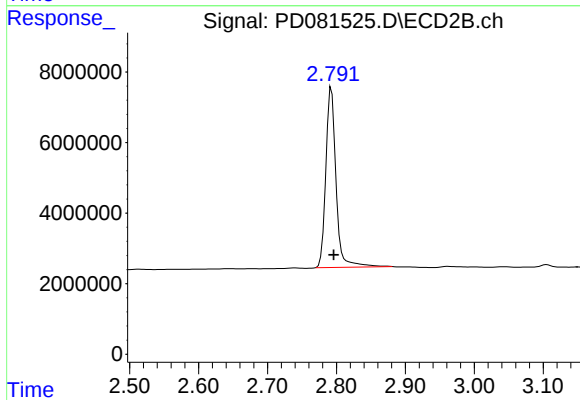
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.001 min
Response: 28749012
Conc: 20.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

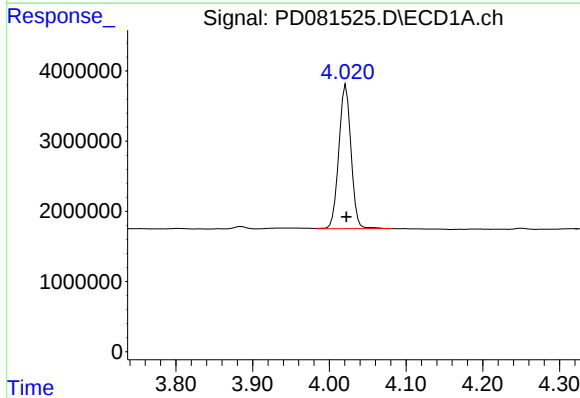
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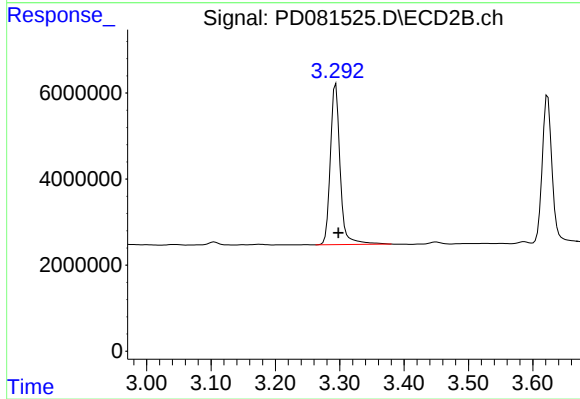
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 52533904
Conc: 21.96 ng/ml



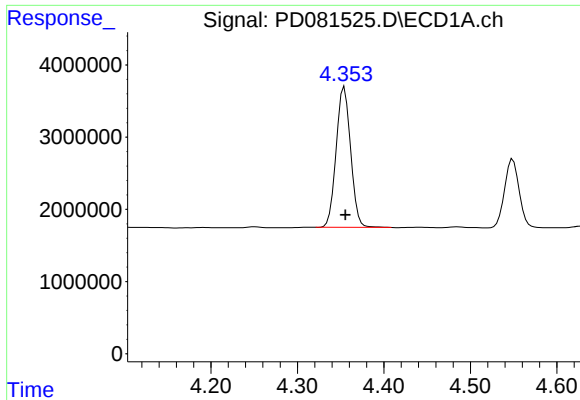
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 22671487
Conc: 9.13 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: -0.004 min
Response: 39520738
Conc: 10.30 ng/ml



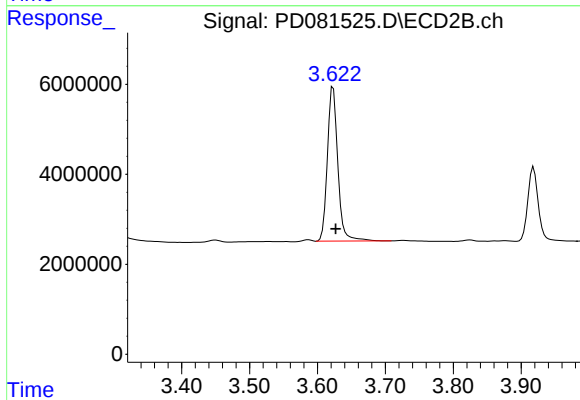
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 22507388
Conc: 9.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

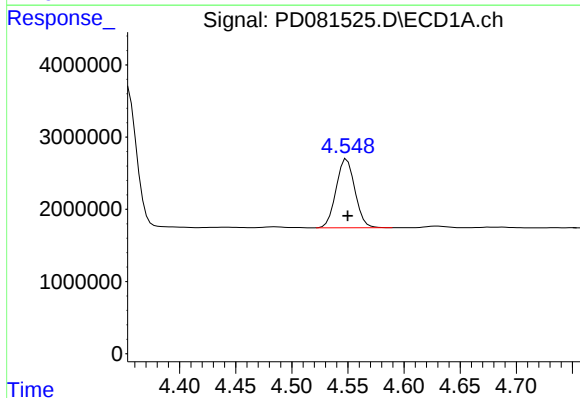
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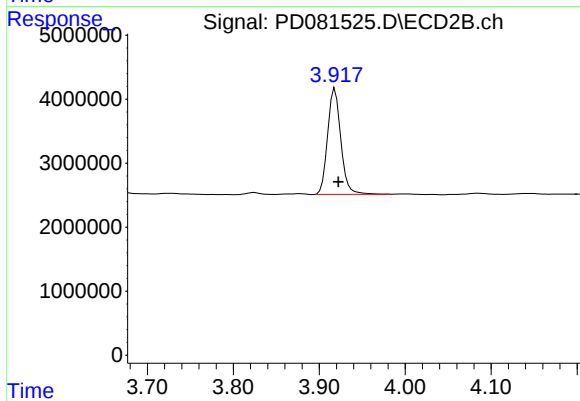
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 36720952
Conc: 9.82 ng/ml



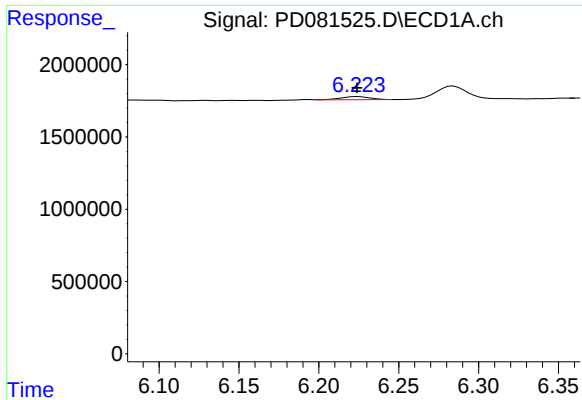
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 11143277
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 17668319
Conc: 11.31 ng/ml



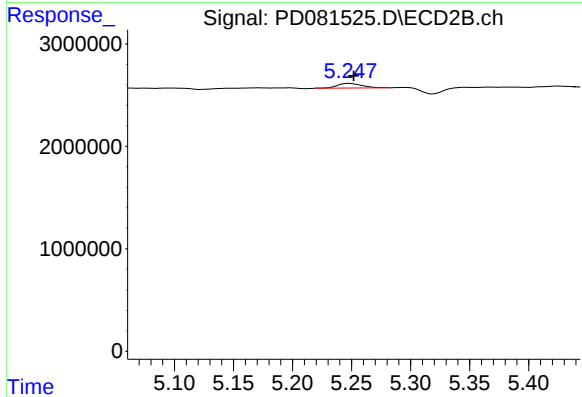
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 276048
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

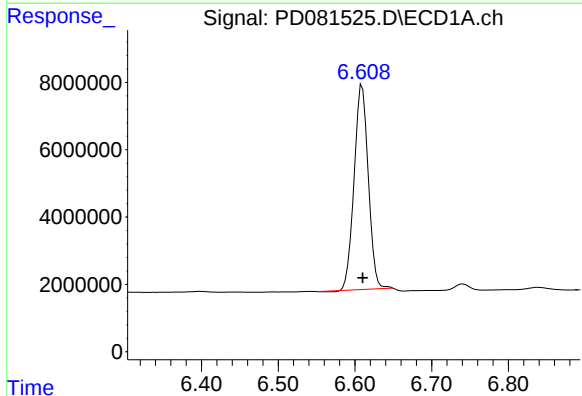
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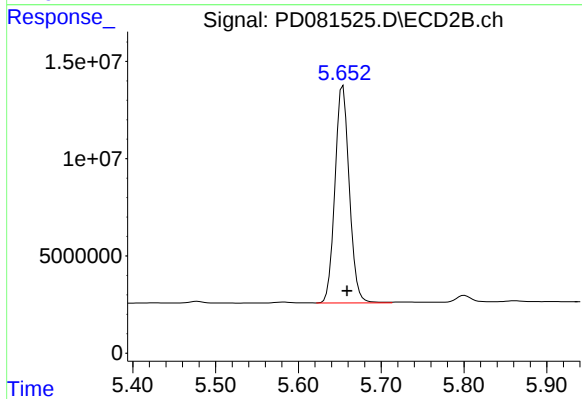
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.004 min
Response: 642470
Conc: 0.21 ng/ml



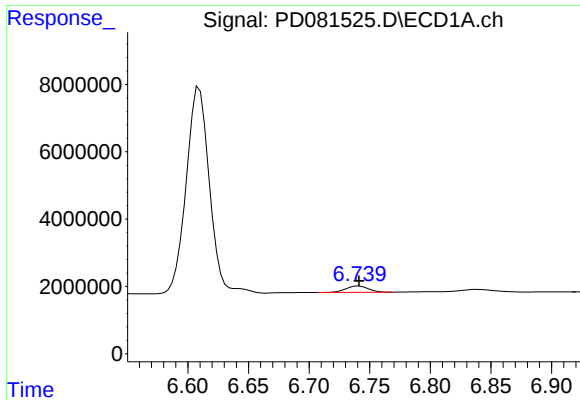
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 78599899
Conc: 42.08 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 134486752
Conc: 45.38 ng/ml



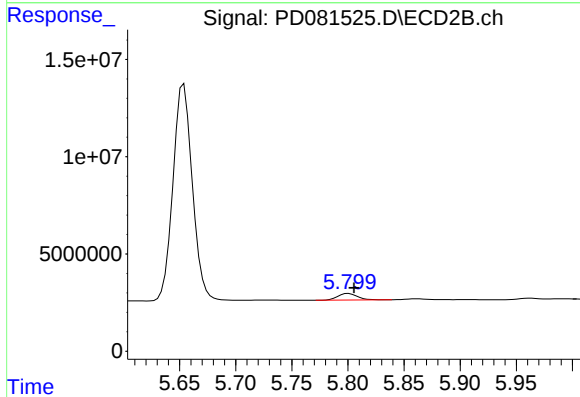
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 2476055
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

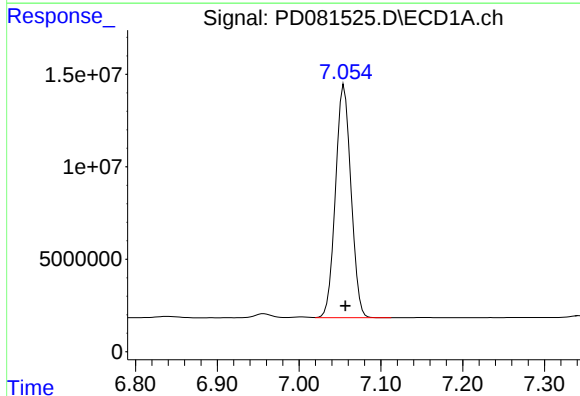
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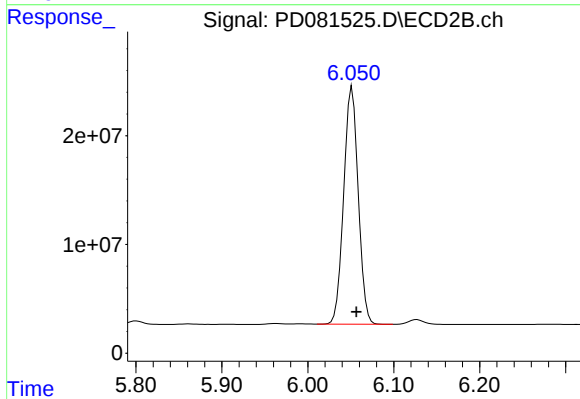
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 4067130
Conc: 1.55 ng/ml



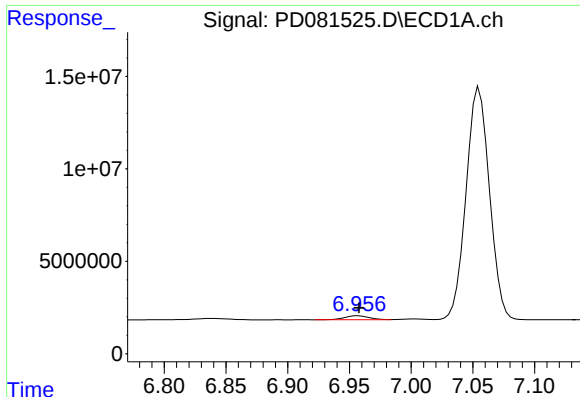
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 165659731
Conc: 93.02 ng/ml



#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 257260083
Conc: 96.97 ng/ml



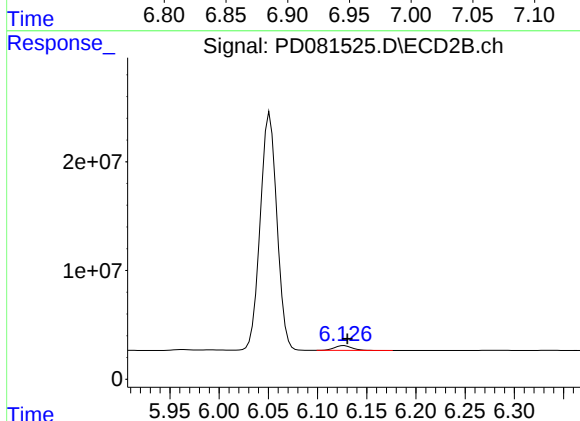
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 3001104
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

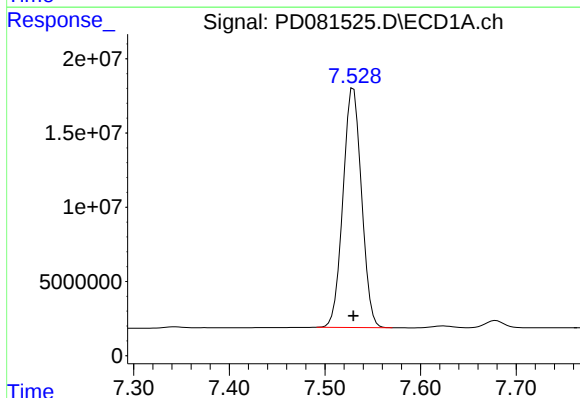
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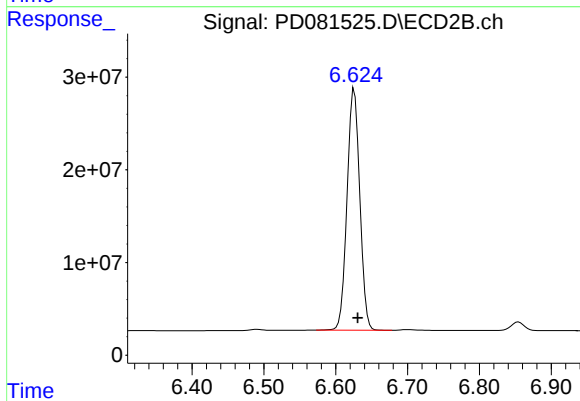
#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 5484430
Conc: 2.43 ng/ml



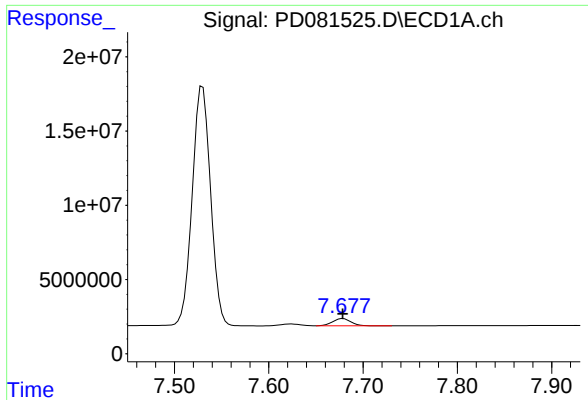
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 218041881
Conc: 211.84 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 320718108
Conc: 204.90 ng/ml



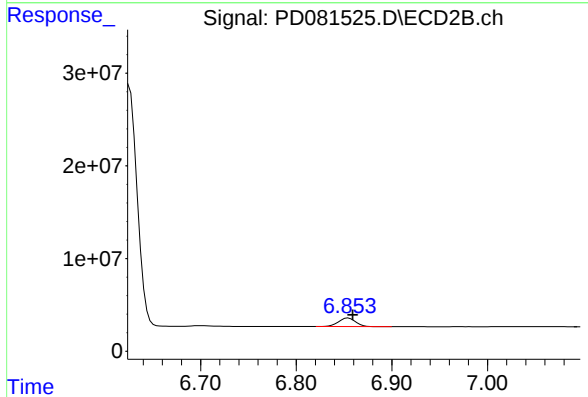
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 6566737
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

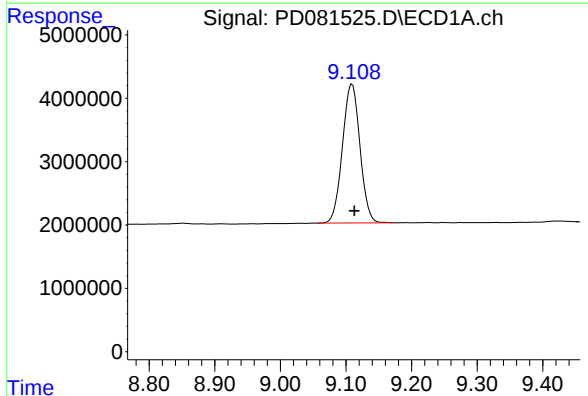
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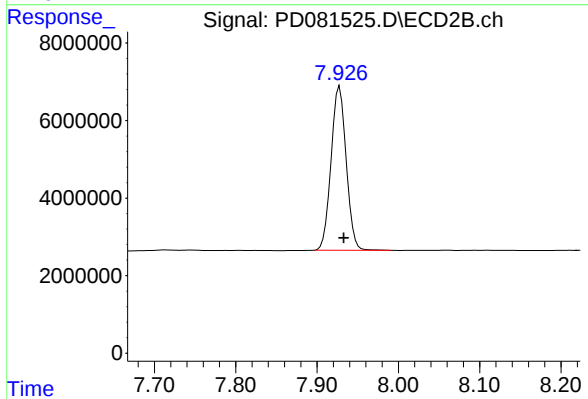
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 11489782
Conc: 3.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.004 min
Response: 40689503
Conc: 20.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.005 min
Response: 54763167
Conc: 20.56 ng/ml