

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020624\
 Data File : PD081111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2024 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2024
 Supervised By : Ankita Jodhani 02/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 20:49:18 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...	3.567	2.795	29783402	51911734	20.981	21.701
28)	SA Decachlor...	9.113	7.932	41461135	57284814	20.602	21.506
Target Compounds							
2)	A alpha-BHC	4.023	3.296	23605456	39544634	9.504	10.306
3)	MA gamma-BHC...	4.357	3.626	23293154	36942788	9.517	9.881
6)	B beta-BHC	4.551	3.921	11252080	17861836	11.120	11.431
12)	B 4,4'-DDE	6.227	5.252	230434	770109	0.113	0.251m#
14)	MA Endrin	6.612	5.658	79471966	136.2E6	42.549	45.975
16)	A 4,4'-DDD	6.743	5.805	2877834	4752457	1.751	1.810
17)	MA 4,4'-DDT	7.059	6.056	168.5E6	269.1E6	94.630	101.422
18)	B Endrin al...	6.960	6.131	3890825	6974100	2.558	3.093
20)	A Methoxychlor	7.533	6.630	220.3E6	338.2E6	214.047	216.085
21)	B Endrin ke...	7.681	6.858	7546004	13642611	3.608	4.228

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

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Acq On : 06 Feb 2024 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

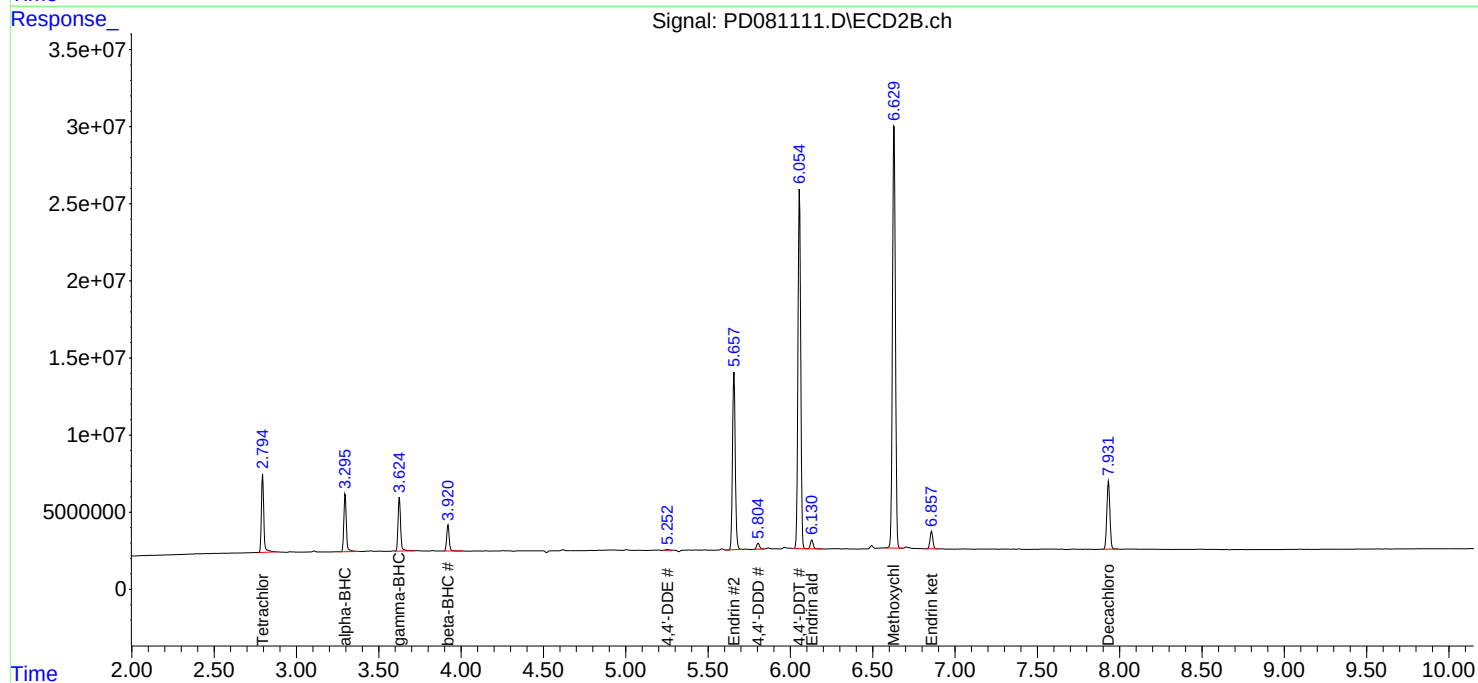
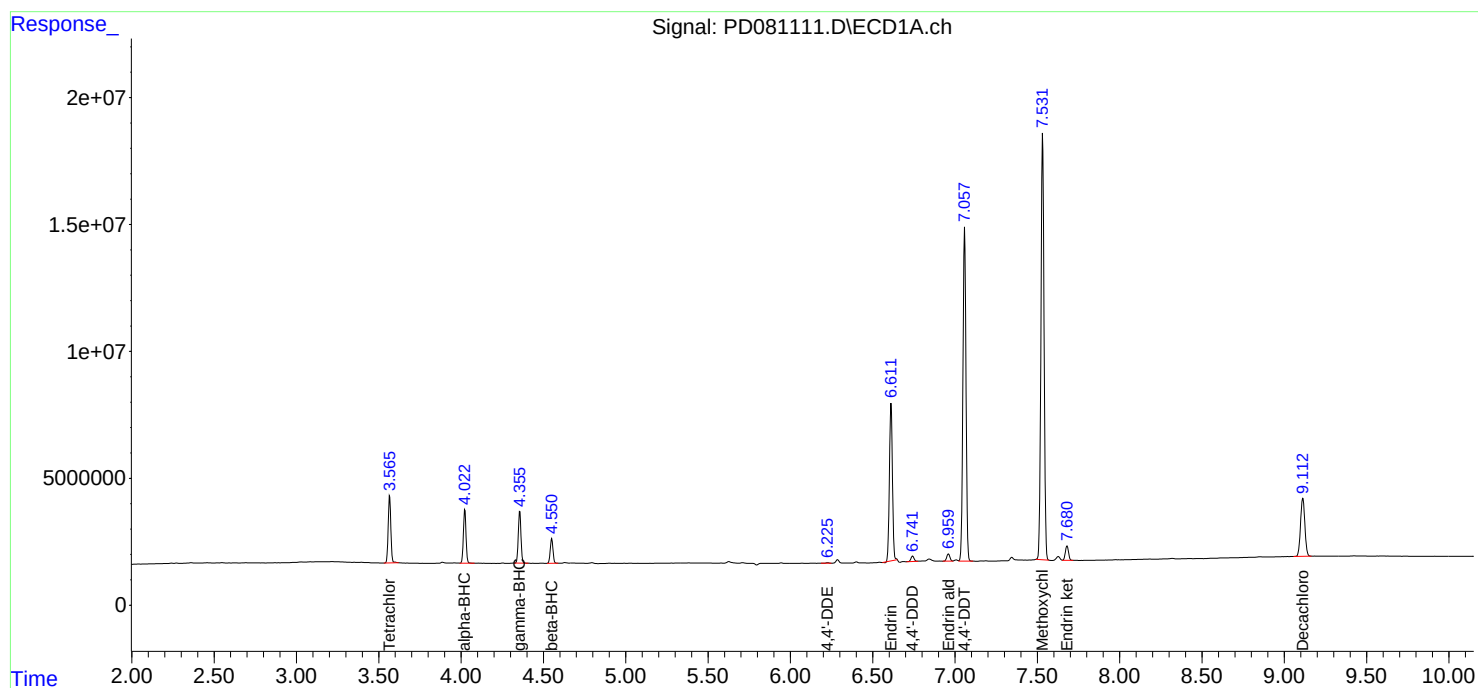
Instrument :
ECD_D
ClientSampleId :
PEM

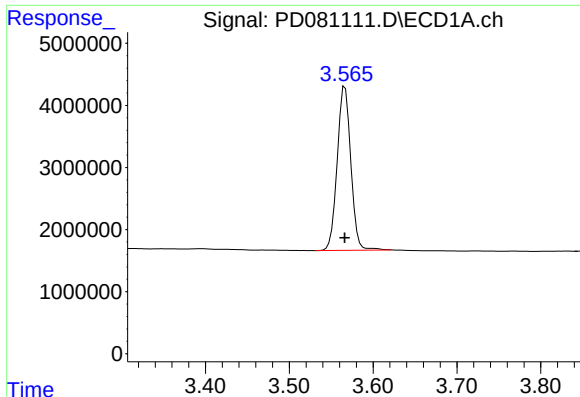
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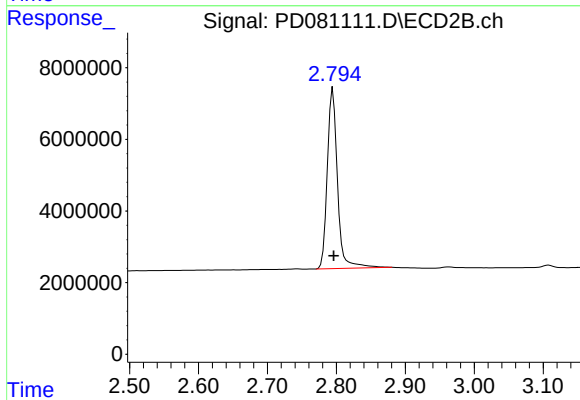
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 29783402
Conc: 20.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

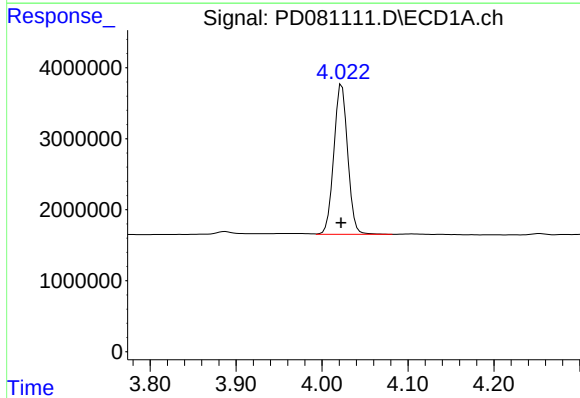
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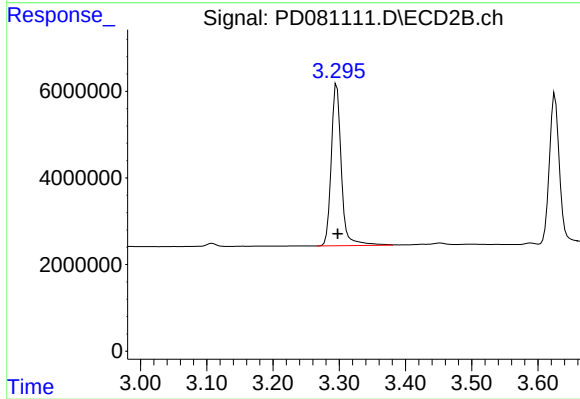
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 51911734
Conc: 21.70 ng/ml



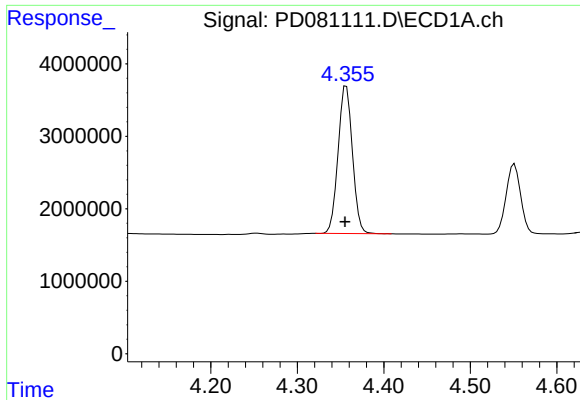
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 23605456
Conc: 9.50 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 39544634
Conc: 10.31 ng/ml



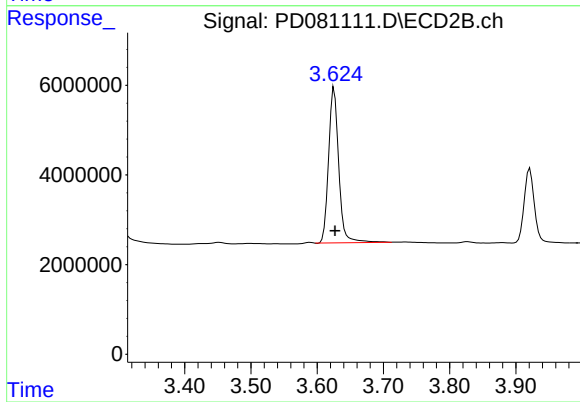
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 23293154
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

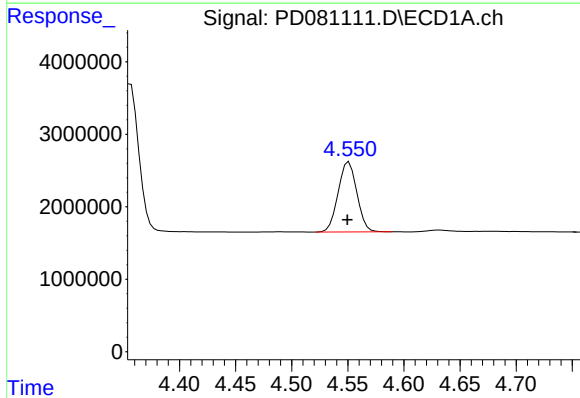
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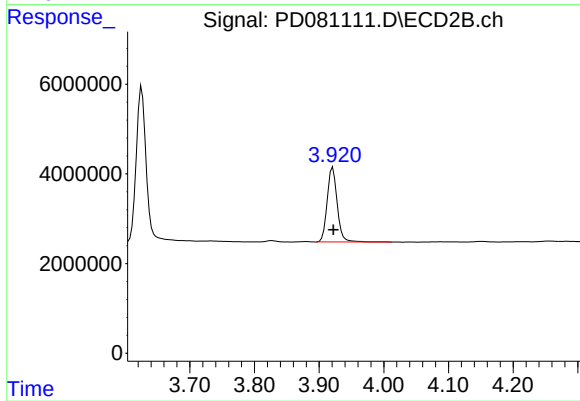
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 36942788
Conc: 9.88 ng/ml



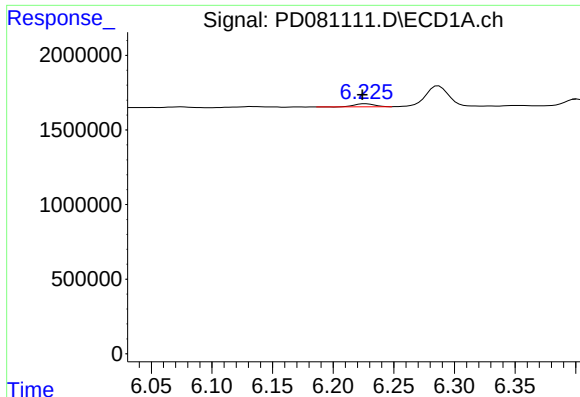
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11252080
Conc: 11.12 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 17861836
Conc: 11.43 ng/ml



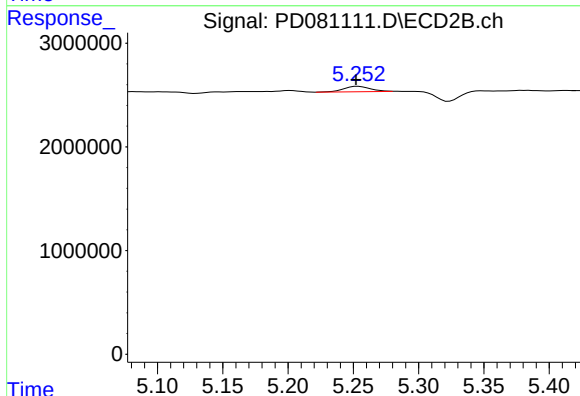
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 230434
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

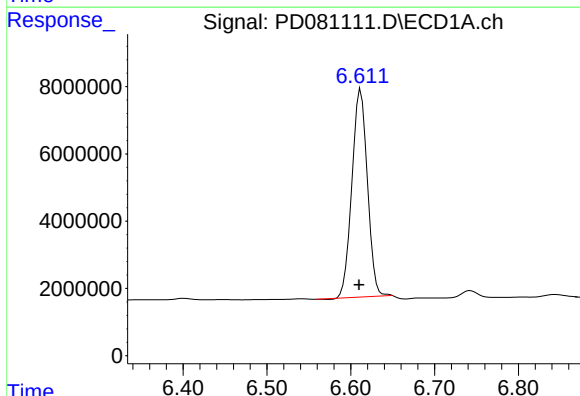
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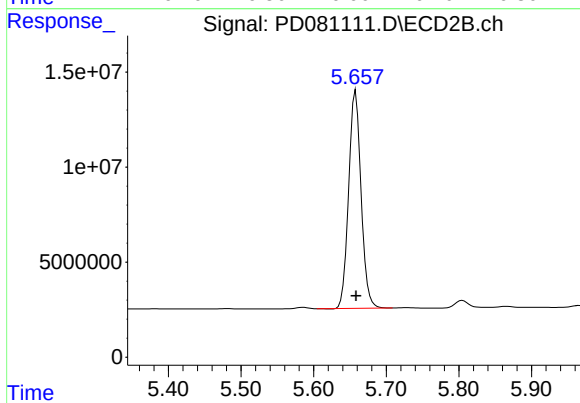
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 770109
Conc: 0.25 ng/ml m



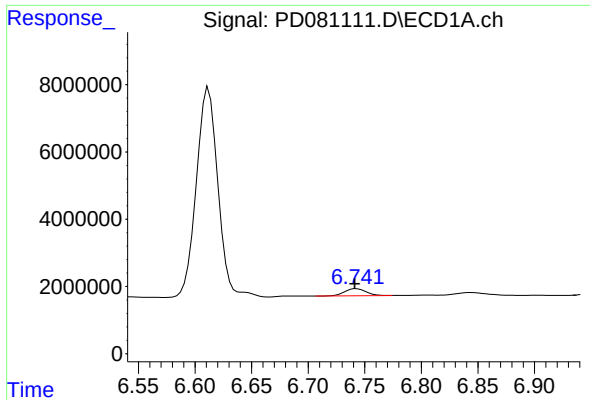
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 79471966
Conc: 42.55 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 136241547
Conc: 45.97 ng/ml



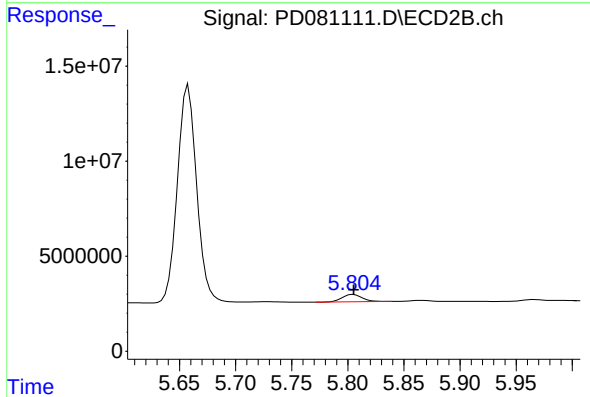
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 2877834
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

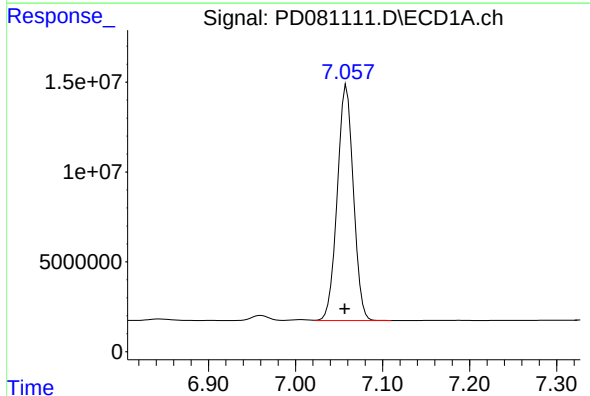
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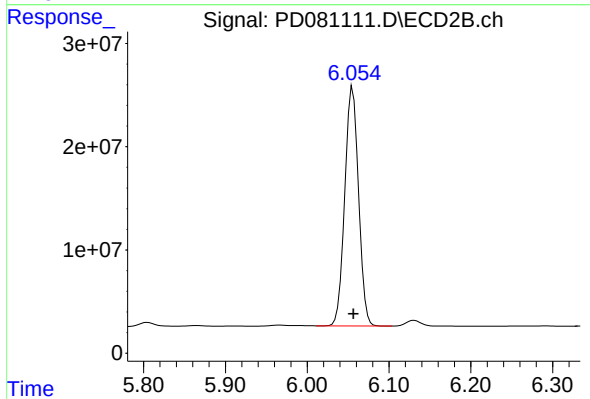
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 4752457
Conc: 1.81 ng/ml



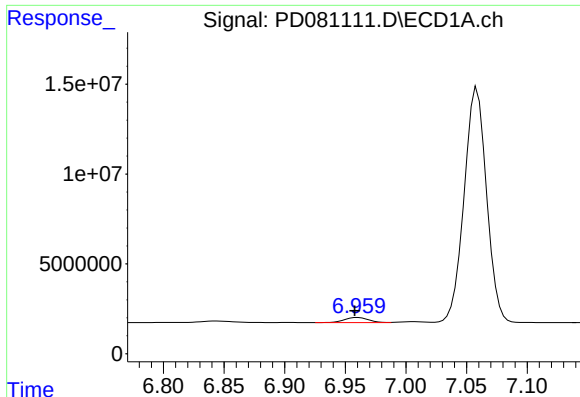
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 168525823
Conc: 94.63 ng/ml



#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 269078413
Conc: 101.42 ng/ml



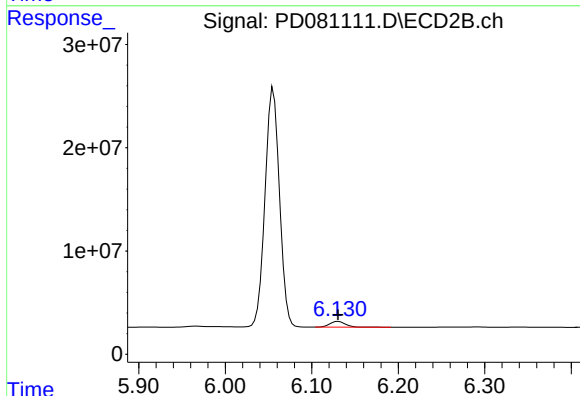
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.003 min
Response: 3890825
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

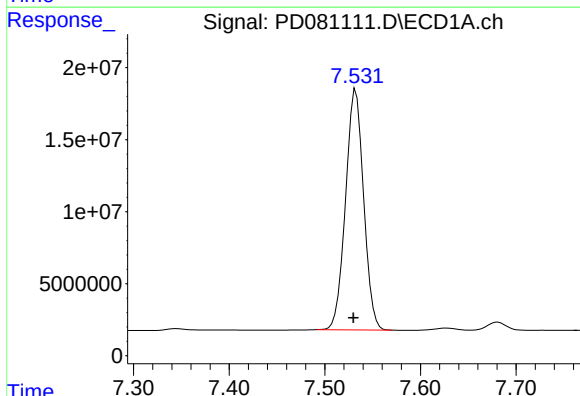
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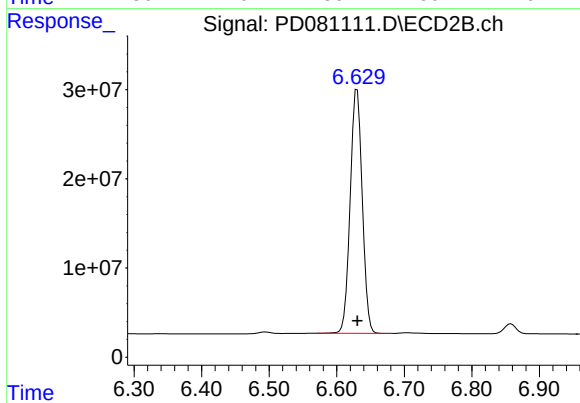
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 6974100
Conc: 3.09 ng/ml



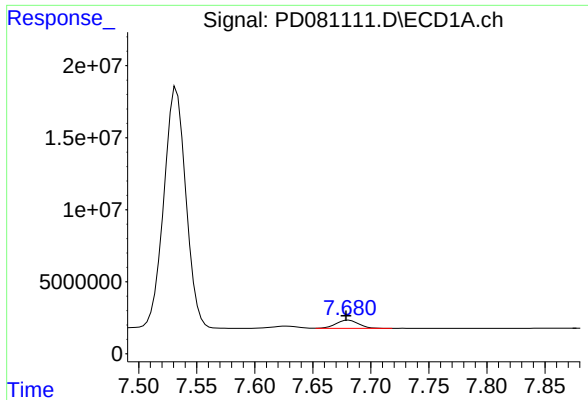
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 220313918
Conc: 214.05 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 338229231
Conc: 216.09 ng/ml



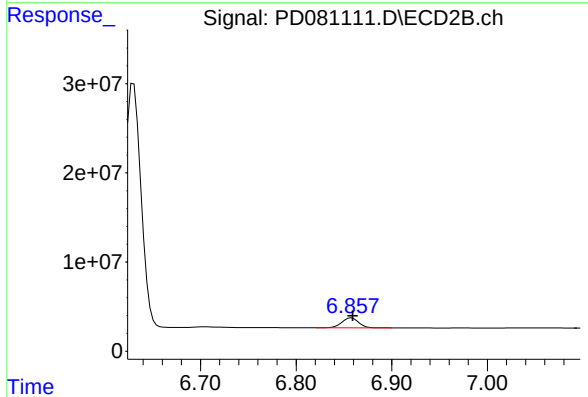
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 7546004
Conc: 3.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

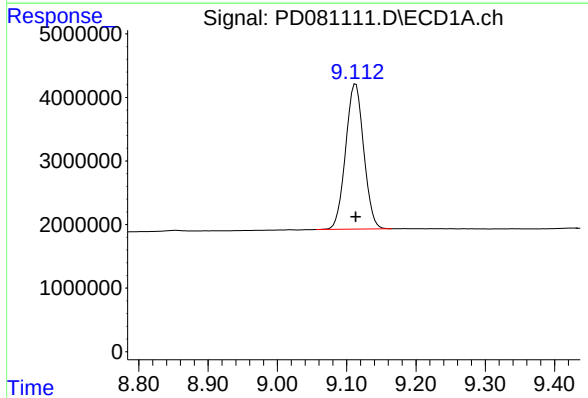
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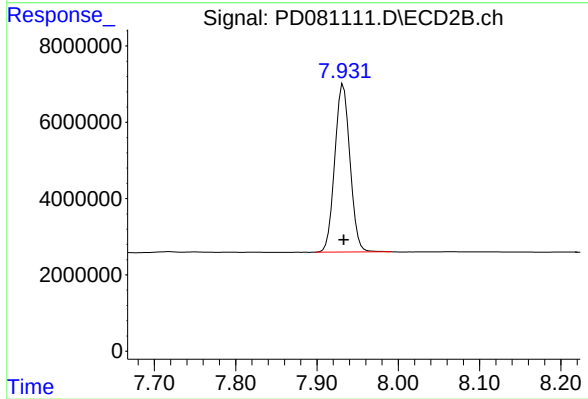
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 13642611
Conc: 4.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 41461135
Conc: 20.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 57284814
Conc: 21.51 ng/ml