

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
 Data File : PD081457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2024 09:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2024
 Supervised By : Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 13:03:06 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...	3.566	2.794	30407793	56089118	21.421	23.447
28)	SA Decachlor...	9.116	7.932	42095569	57416589	20.918	21.556
Target Compounds							
2)	A alpha-BHC	4.023	3.295	23704859	42805131	9.544	11.156
3)	MA gamma-BHC...	4.356	3.625	23806272	39940374	9.726	10.682
6)	B beta-BHC	4.551	3.921	11144208	18805227	11.014	12.035
14)	MA Endrin	6.613	5.658	95167203	154.4E6	50.953	52.100
16)	A 4,4'-DDD	6.745	5.805	915646	1737332	0.557	0.662
17)	MA 4,4'-DDT	7.060	6.055	193.9E6	289.0E6	108.903	108.933
18)	B Endrin al...	6.961	6.129	2517599	4629453	1.655	2.053m
20)	A Methoxychlor	7.535	6.629	239.8E6	361.2E6	232.950	230.774
21)	B Endrin ke...	7.682	6.858	4893648	8753165	2.340	2.712

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

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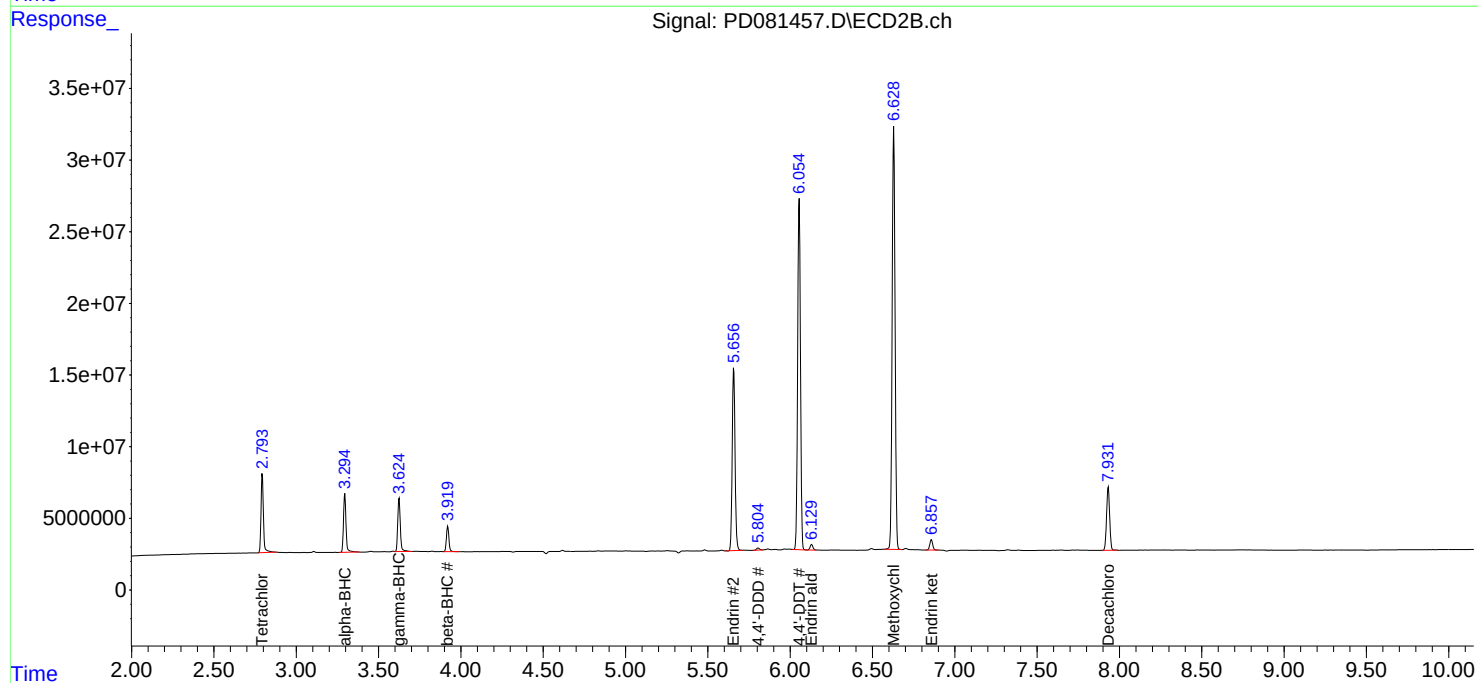
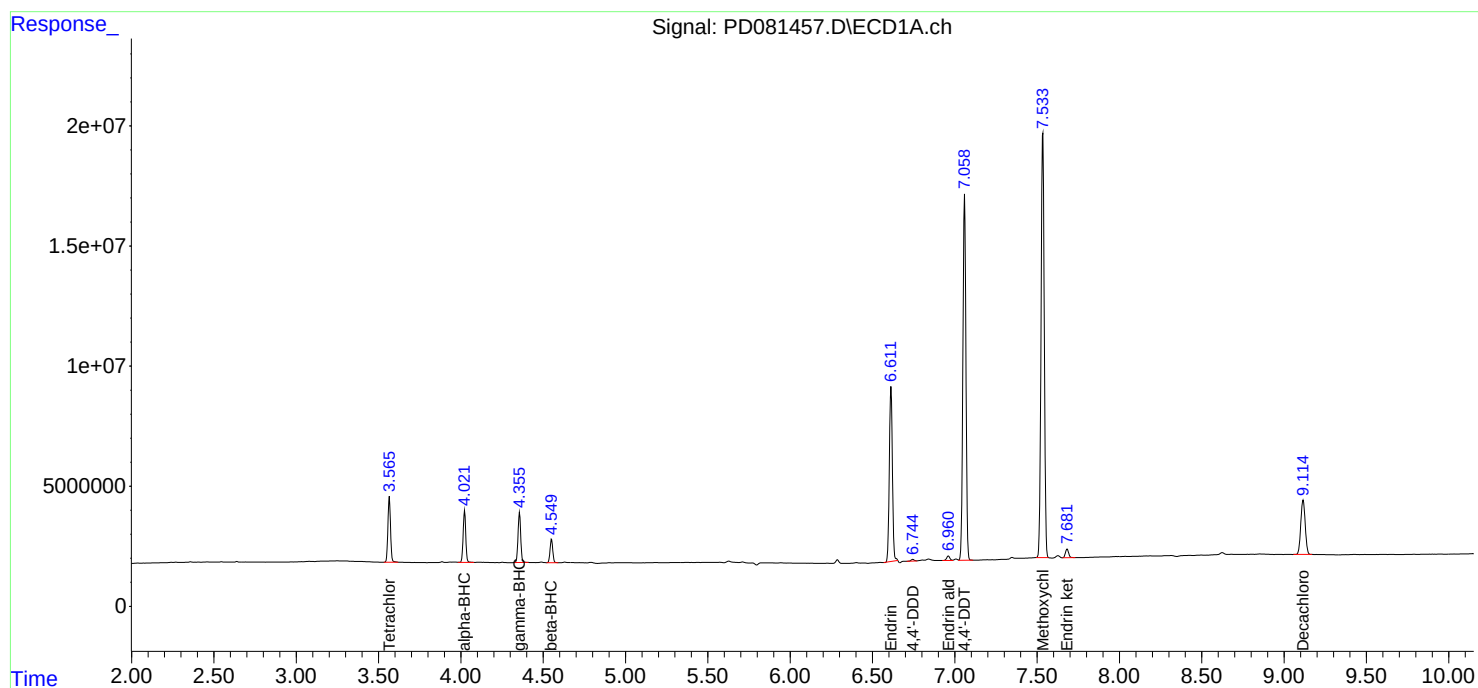
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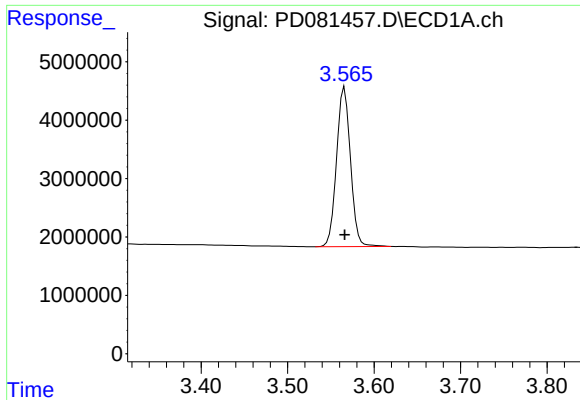
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
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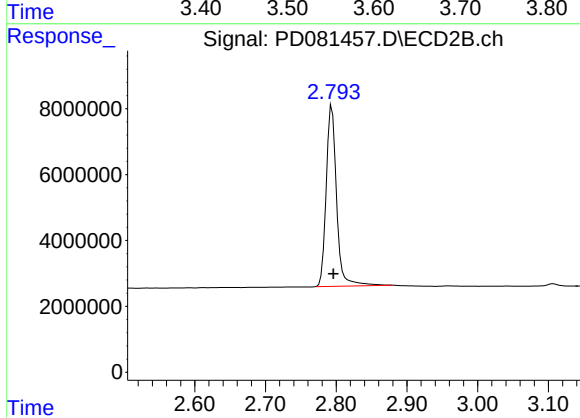
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 30407793
Conc: 21.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

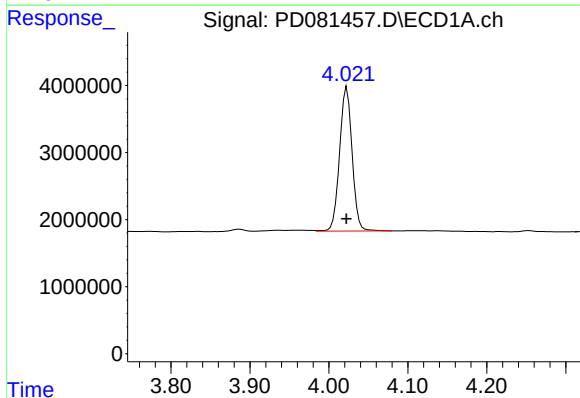
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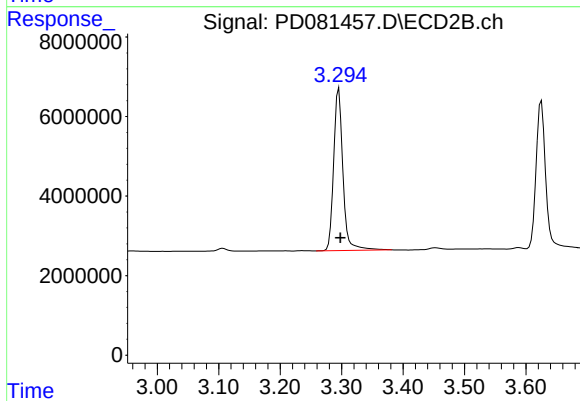
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 56089118
Conc: 23.45 ng/ml



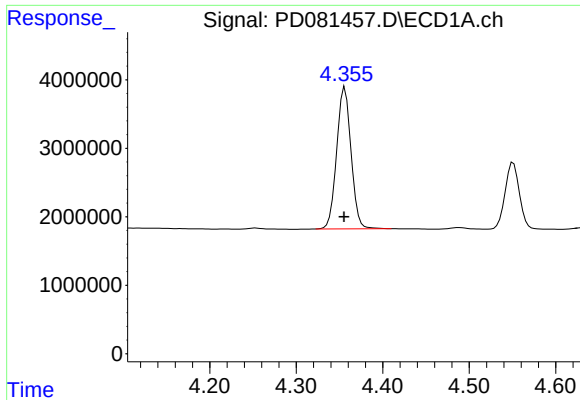
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 23704859
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 42805131
Conc: 11.16 ng/ml



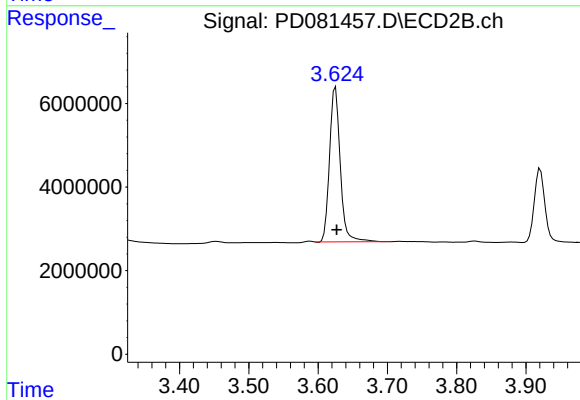
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 23806272
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

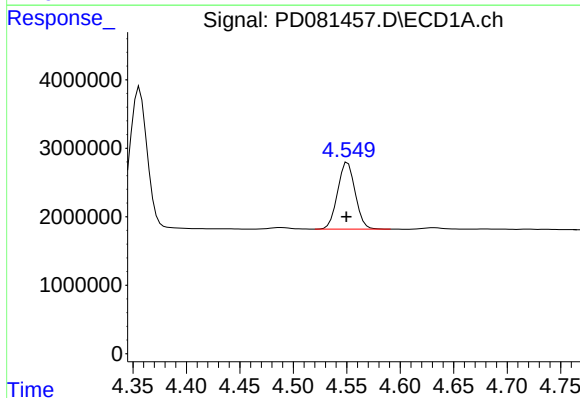
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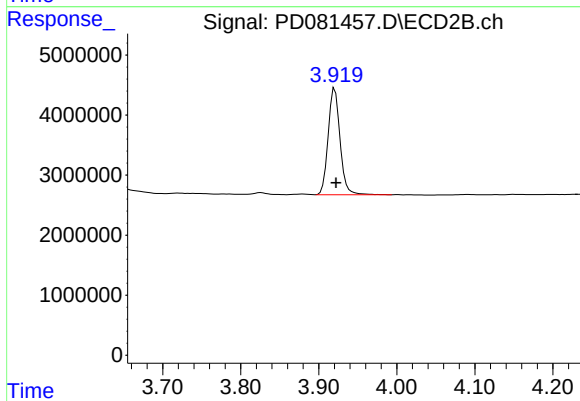
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 39940374
Conc: 10.68 ng/ml



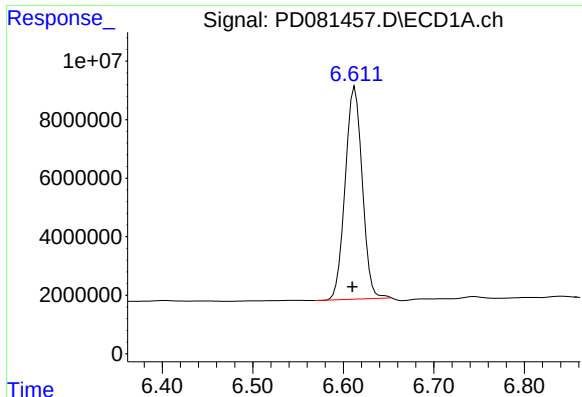
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11144208
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 18805227
Conc: 12.03 ng/ml



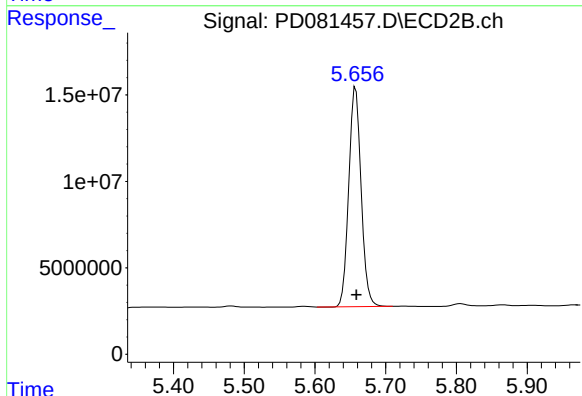
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 95167203
Conc: 50.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

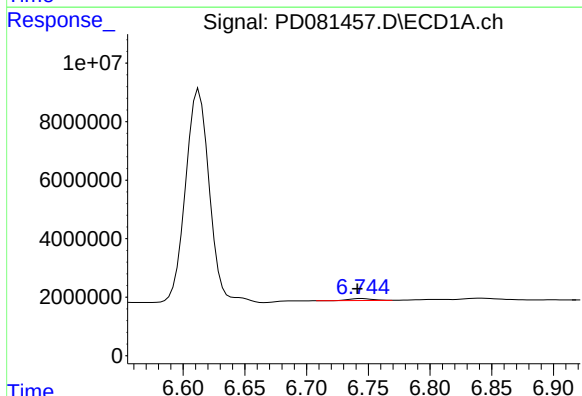
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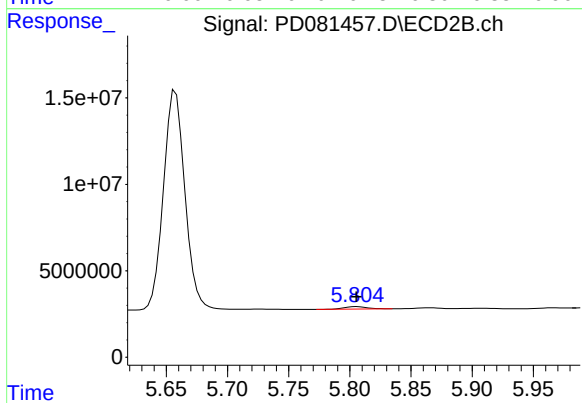
#14 Endrin

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 154392608
Conc: 52.10 ng/ml



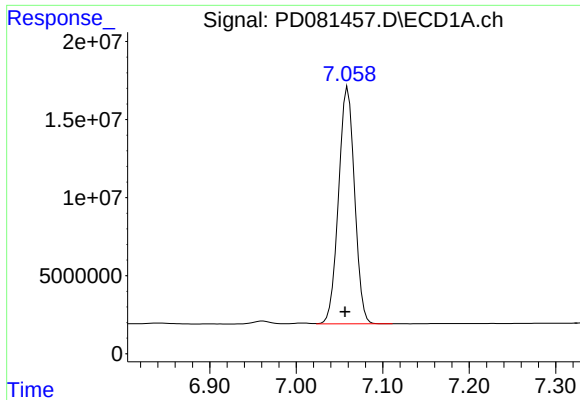
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.004 min
Response: 915646
Conc: 0.56 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 1737332
Conc: 0.66 ng/ml



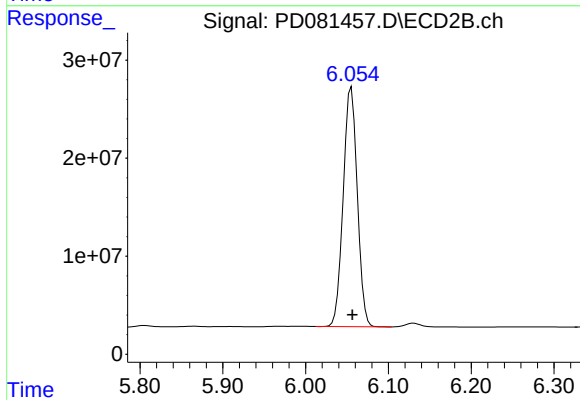
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 193944568
Conc: 108.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

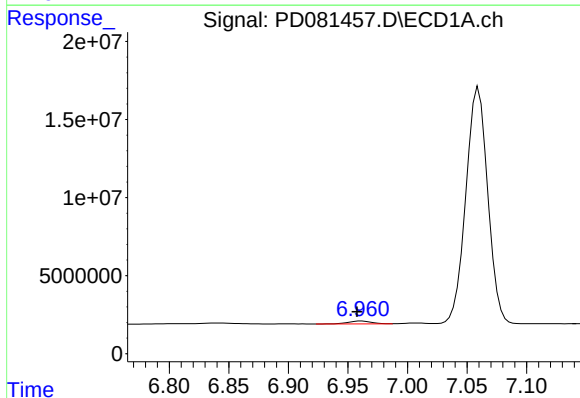
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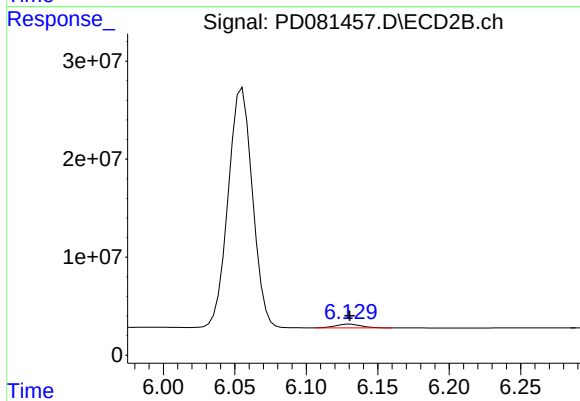
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 289006417
Conc: 108.93 ng/ml



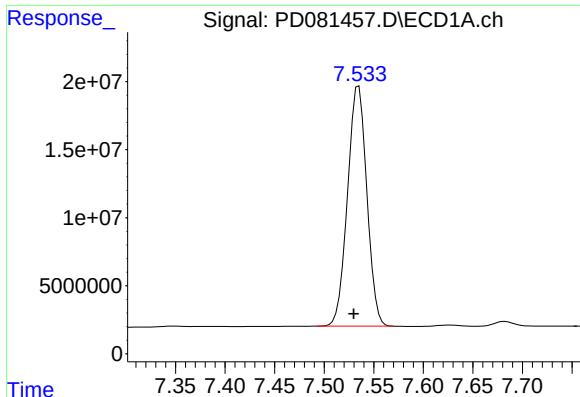
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.004 min
Response: 2517599
Conc: 1.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 4629453
Conc: 2.05 ng/ml m



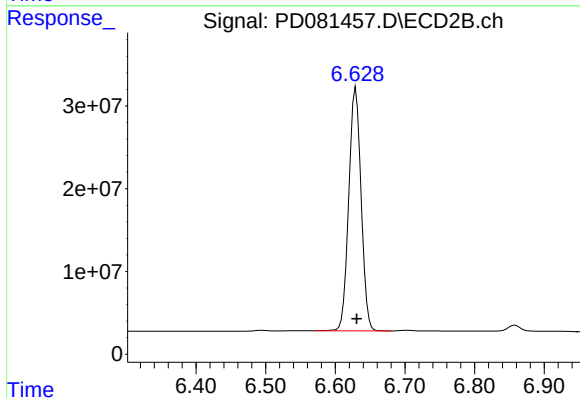
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 239770768
Conc: 232.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

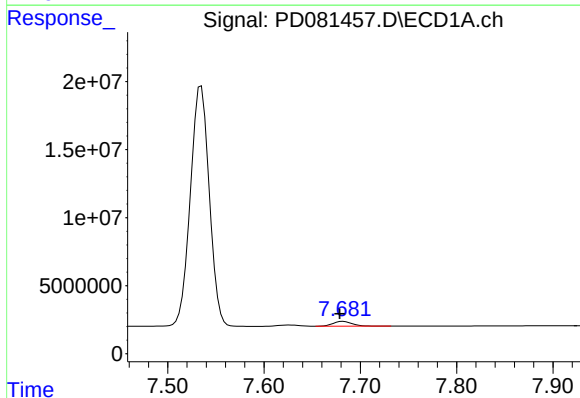
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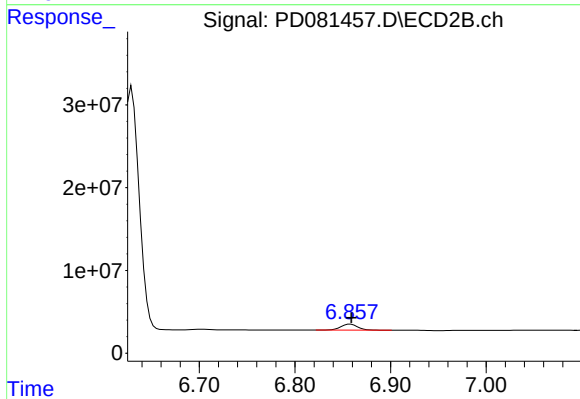
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 361221102
Conc: 230.77 ng/ml



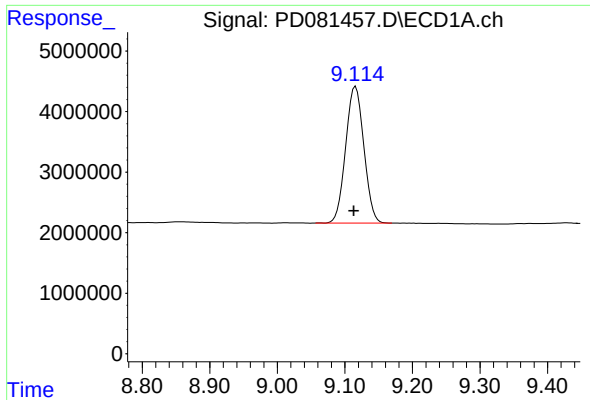
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 4893648
Conc: 2.34 ng/ml



#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 8753165
Conc: 2.71 ng/ml



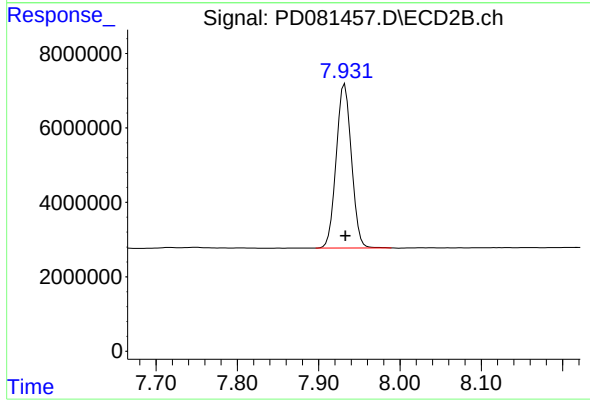
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 42095569
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 57416589
Conc: 21.56 ng/ml