

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042924\
 Data File : PD082643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 10:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 14:46:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 14:45:05 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	2.775	30408768	74351344	19.976	19.473
28)	SA Decachlor...	9.122	7.907	40168016	74866892	20.569	19.589
Target Compounds							
2)	A alpha-BHC	4.022	3.276	24476921	56310552	9.158	9.334
3)	MA gamma-BHC...	4.356	3.604	24129752	50739928	9.350	8.679
6)	B beta-BHC	4.553	3.901	10384316	23598221	10.148	10.136
14)	MA Endrin	6.616	5.633	81421504	197.6E6	44.671	45.443
16)	A 4,4'-DDD	6.747	5.781	244790	935109	0.158m	0.253m#
17)	MA 4,4'-DDT	7.063	6.031	164.9E6	384.3E6	100.529	100.831
18)	B Endrin al...	6.964	6.108	1594737	4961743	1.145m	1.560 #
20)	A Methoxychlor	7.540	6.606	215.3E6	456.0E6	243.439	220.108
21)	B Endrin ke...	7.688	6.834	3400550	9066448	1.833	2.003

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

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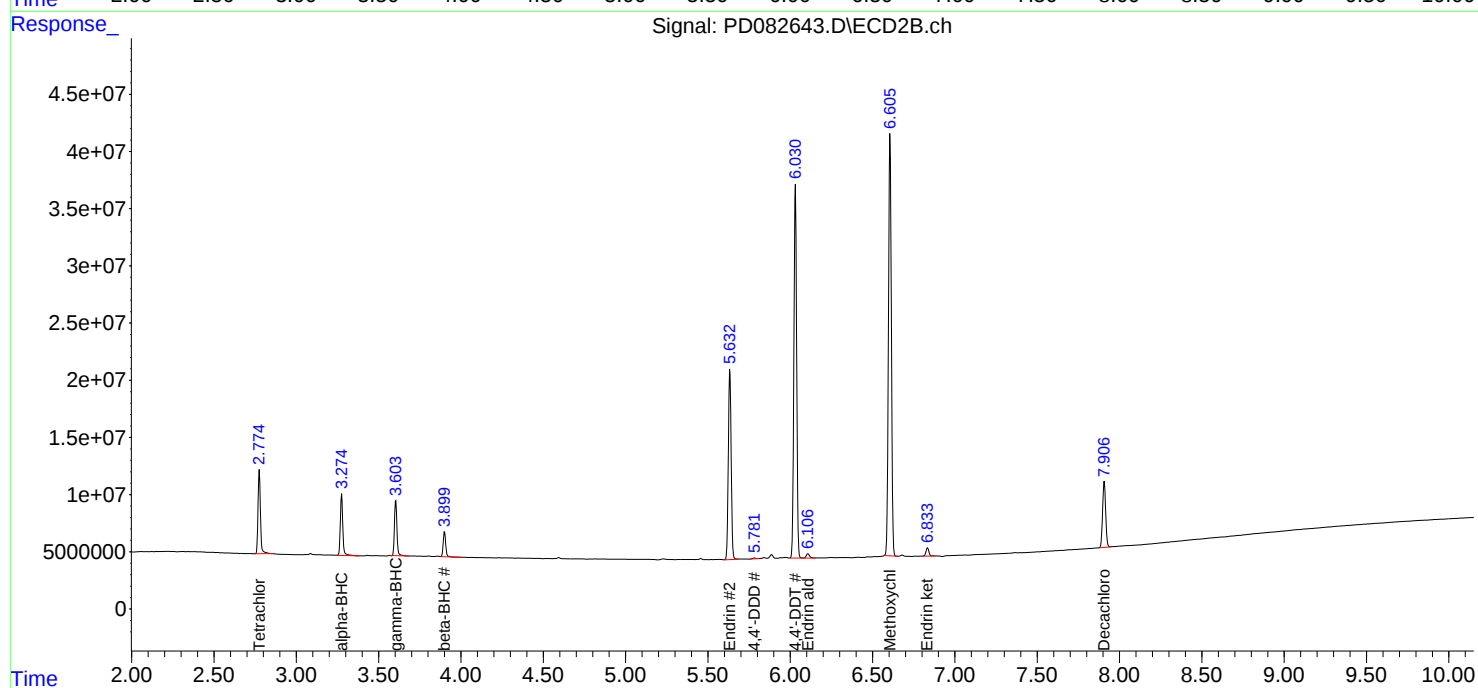
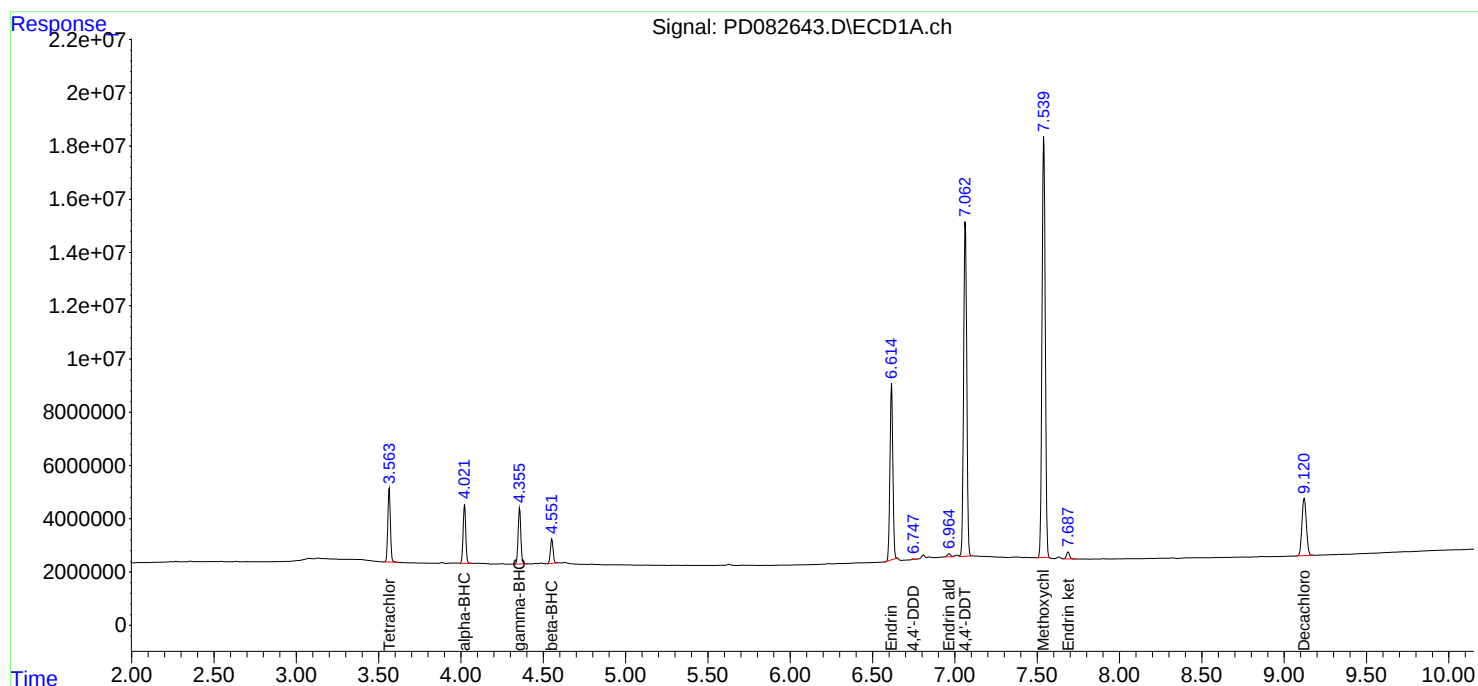
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ECD_D
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PEM

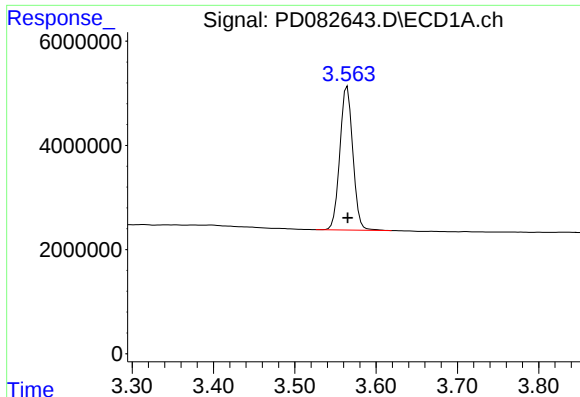
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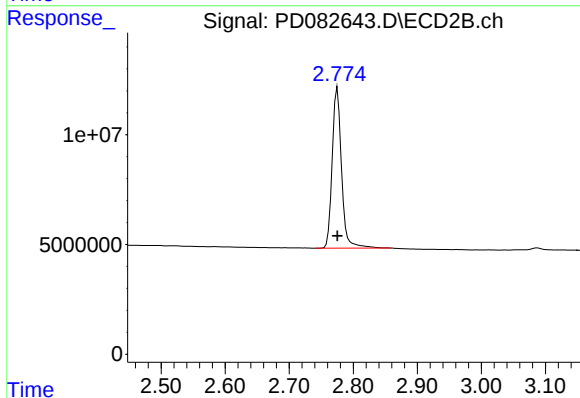
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 30408768
Conc: 19.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

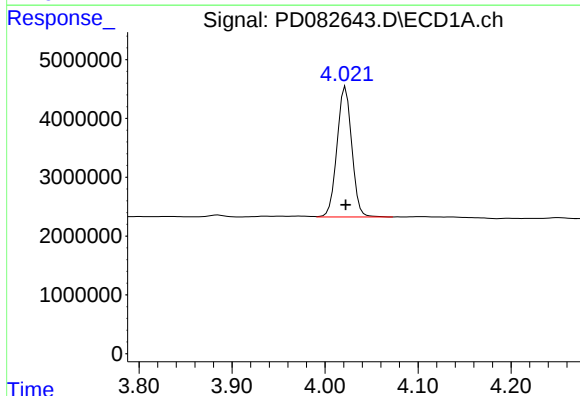
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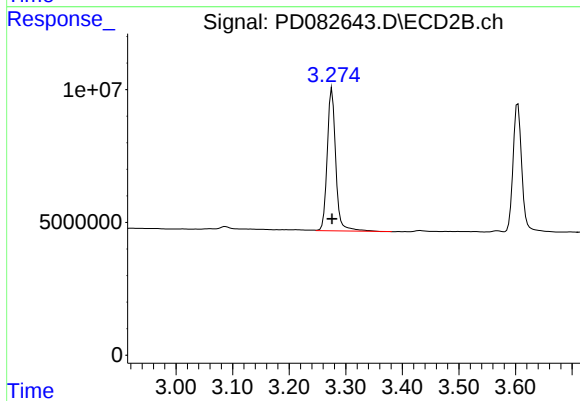
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 74351344
Conc: 19.47 ng/ml



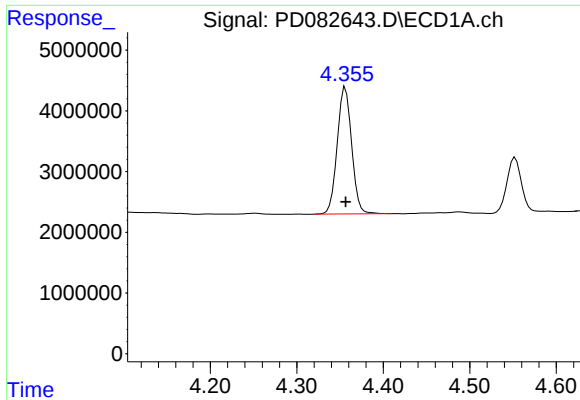
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 24476921
Conc: 9.16 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 56310552
Conc: 9.33 ng/ml



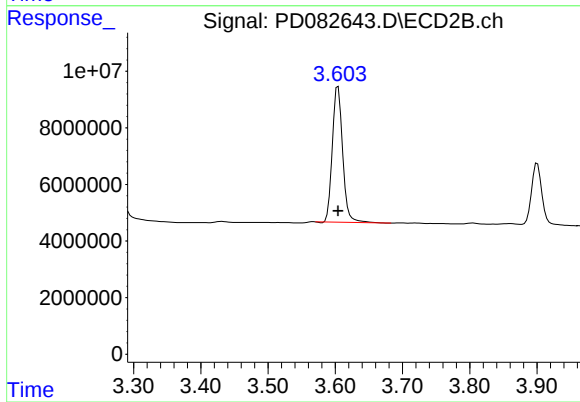
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24129752
Conc: 9.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

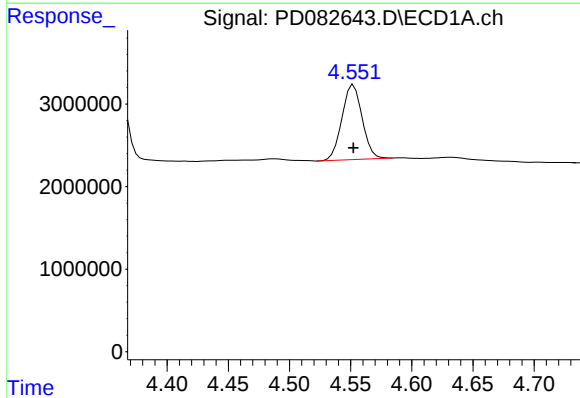
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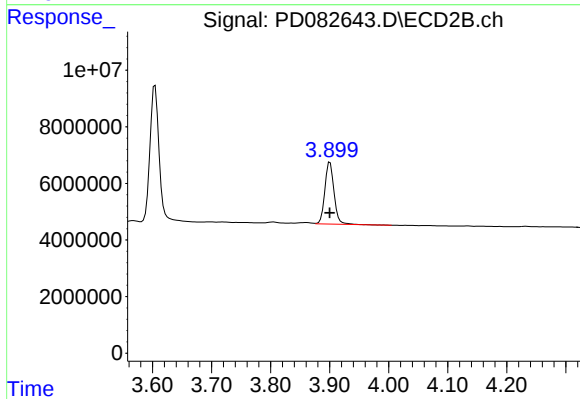
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 50739928
Conc: 8.68 ng/ml



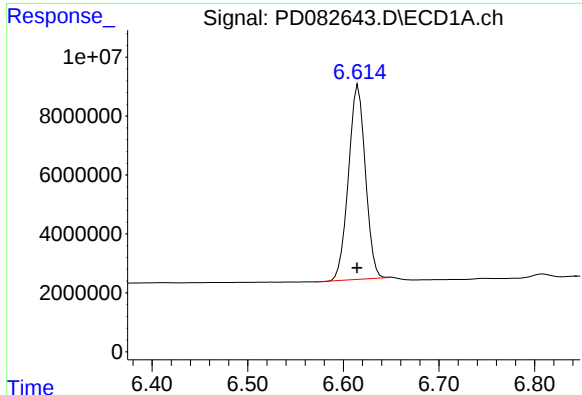
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 10384316
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 23598221
Conc: 10.14 ng/ml



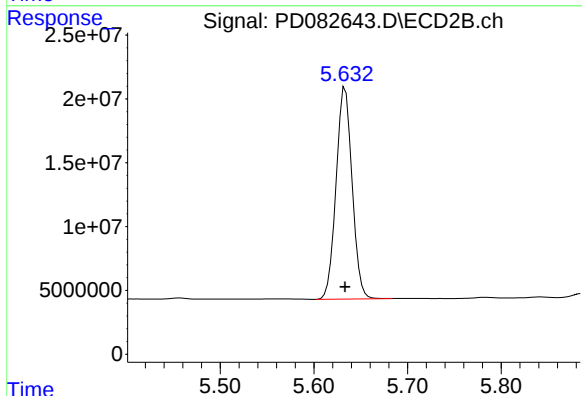
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 81421504
Conc: 44.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

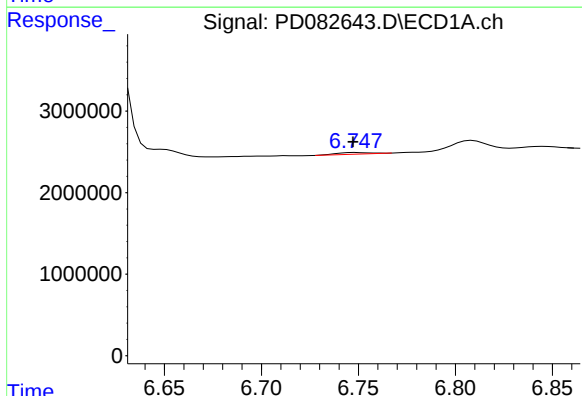
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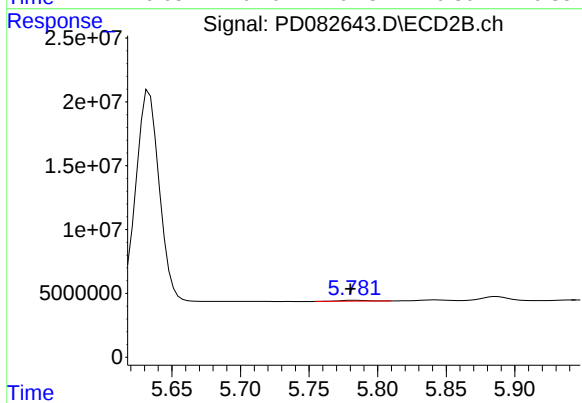
#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 197589510
Conc: 45.44 ng/ml



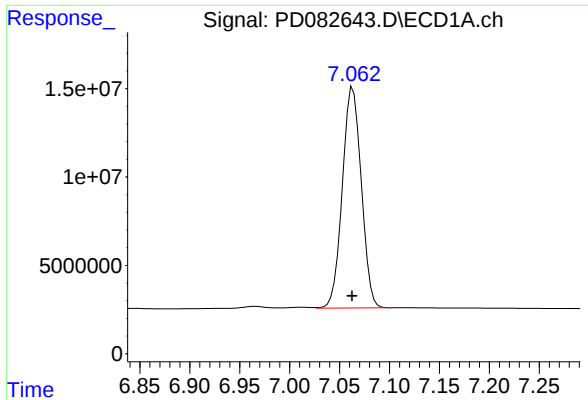
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 244790
Conc: 0.16 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 935109
Conc: 0.25 ng/ml m



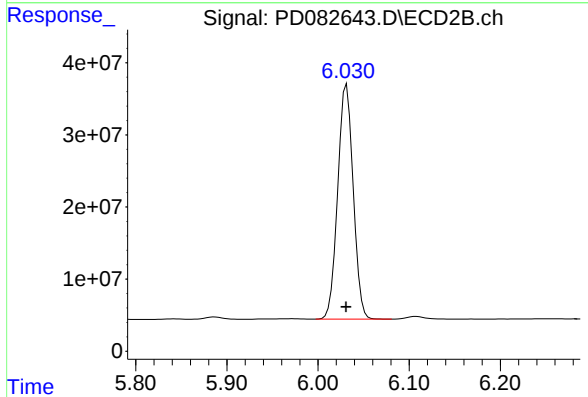
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 164919475
Conc: 100.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

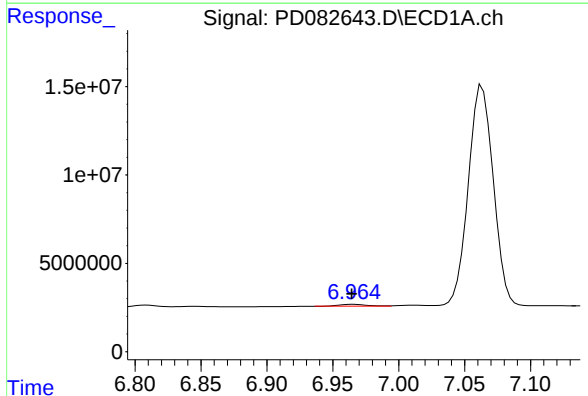
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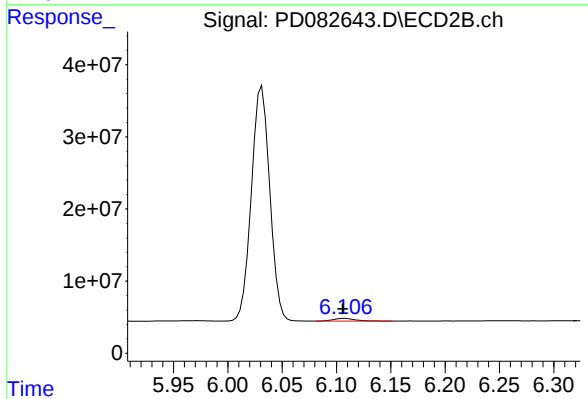
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 384314993
Conc: 100.83 ng/ml



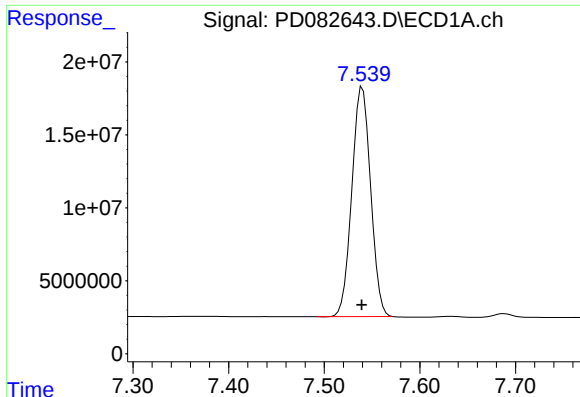
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 1594737
Conc: 1.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 4961743
Conc: 1.56 ng/ml



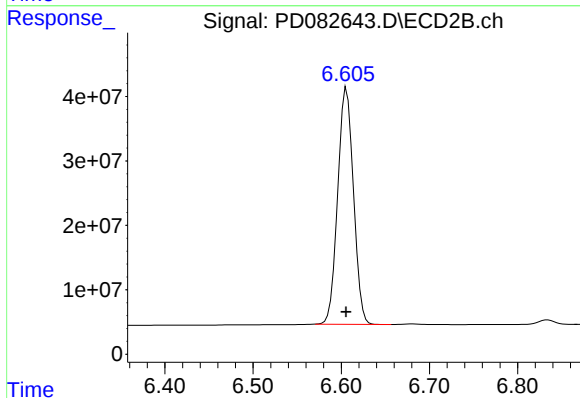
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 215330795
Conc: 243.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

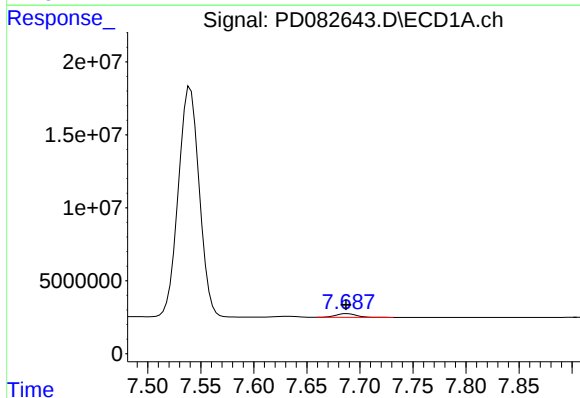
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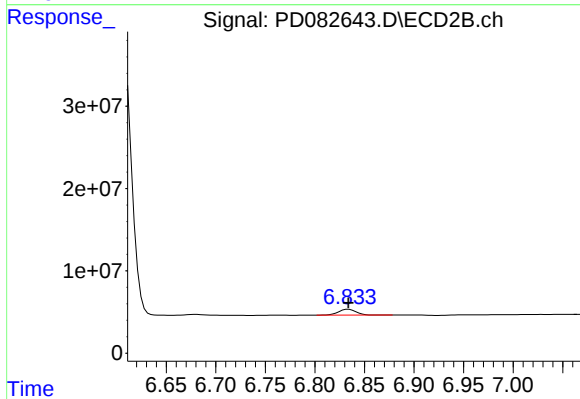
#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 455962353
Conc: 220.11 ng/ml



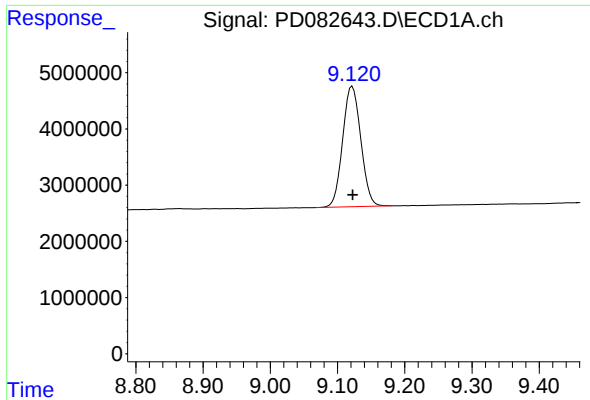
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 3400550
Conc: 1.83 ng/ml



#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 9066448
Conc: 2.00 ng/ml



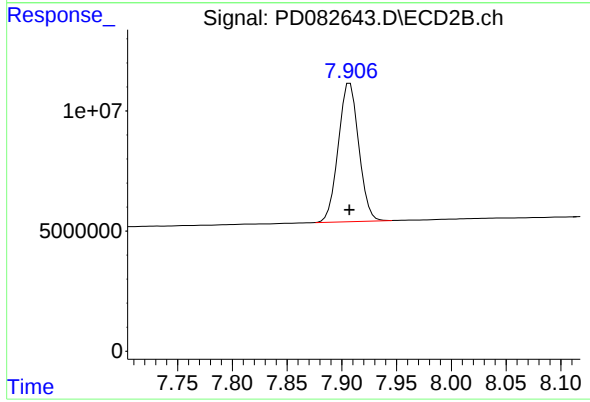
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 40168016
Conc: 20.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 74866892
Conc: 19.59 ng/ml