

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032224\
 Data File : PD082206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2024 11:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2024
 Supervised By : Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 14:39:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 14:38:25 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	2.776	29598101	48257856	20.661	19.636
28)	SA Decachlor...	9.117	7.910	40638146	43715914	21.410	20.082
Target Compounds							
2)	A alpha-BHC	4.023	3.276	23870409	34915662	9.607	9.306
3)	MA gamma-BHC...	4.357	3.605	23460302	31413869	9.614	8.913
6)	B beta-BHC	4.552	3.901	10685825	15592674	10.537	10.546
14)	MA Endrin	6.614	5.634	81813311	111.5E6	45.851	45.962
16)	A 4,4'-DDD	6.745	5.782	372533	582666	0.243m	0.279m
17)	MA 4,4'-DDT	7.062	6.032	161.3E6	216.5E6	101.225	102.869
18)	B Endrin al...	6.963	6.108	1666258	3010504	1.204	1.641 #
20)	A Methoxychlor	7.537	6.607	207.3E6	266.2E6	233.554	233.048
21)	B Endrin ke...	7.685	6.834	3630573	5497719	2.008	2.071

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

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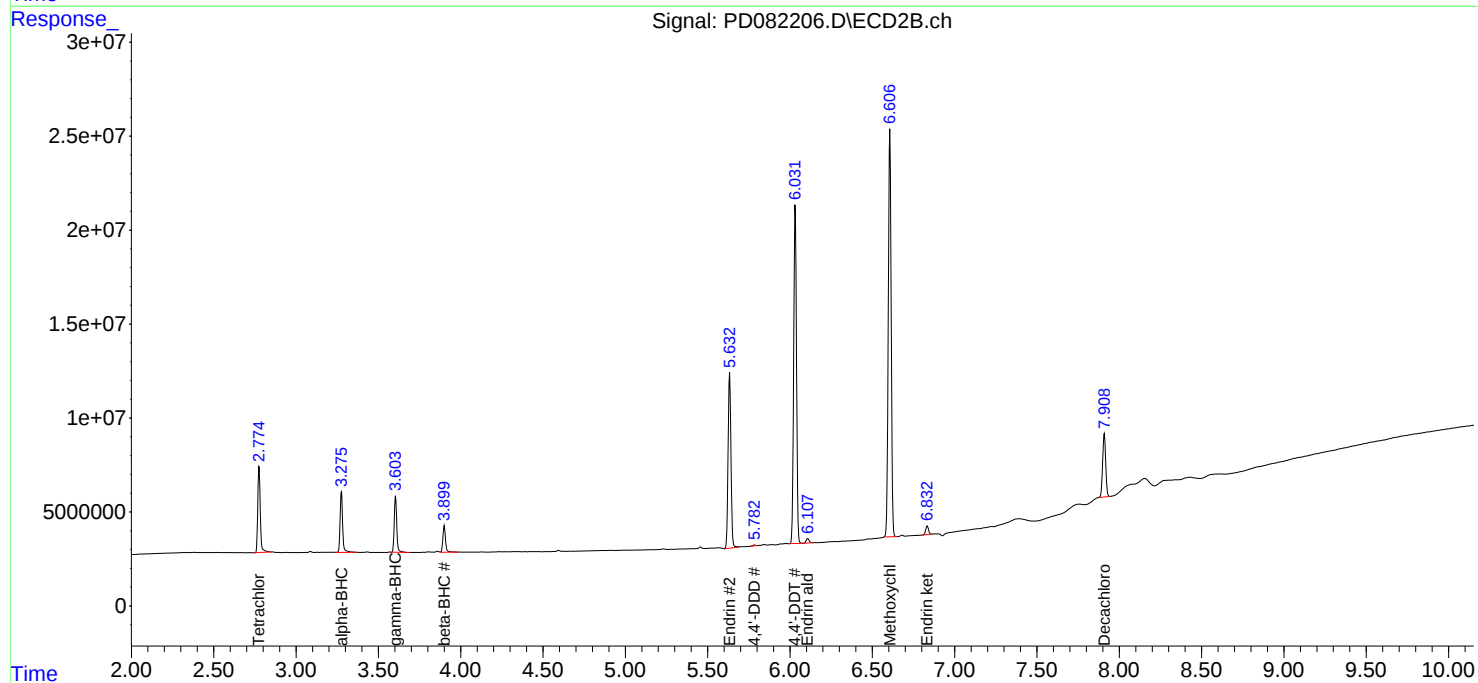
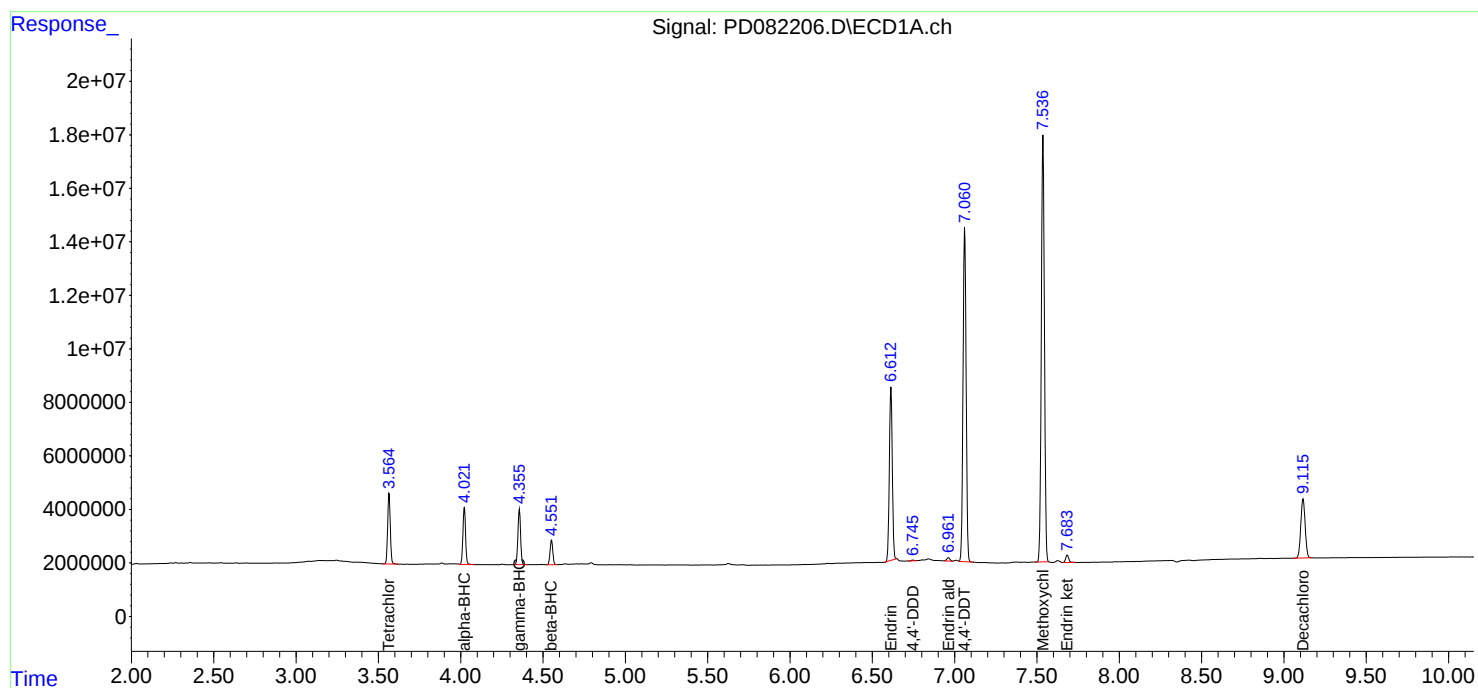
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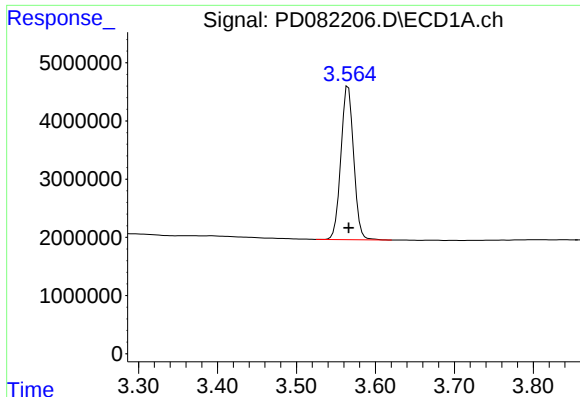
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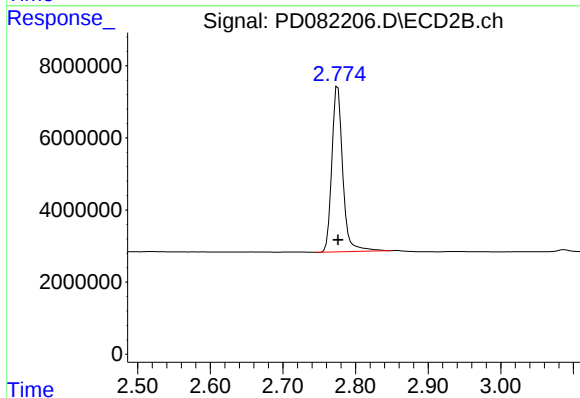
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 29598101
Conc: 20.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

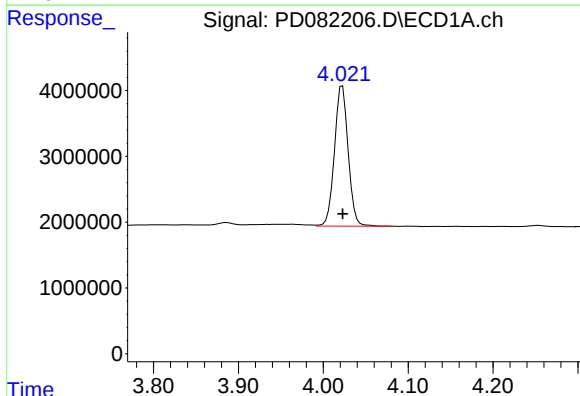
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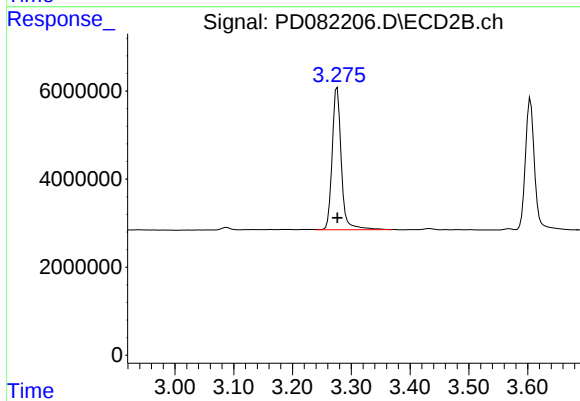
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 48257856
Conc: 19.64 ng/ml



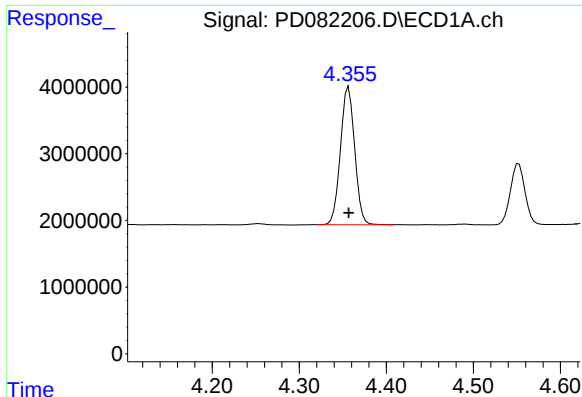
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 23870409
Conc: 9.61 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 34915662
Conc: 9.31 ng/ml



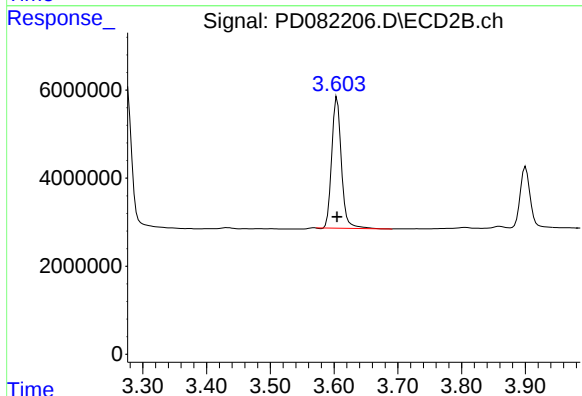
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 23460302
Conc: 9.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

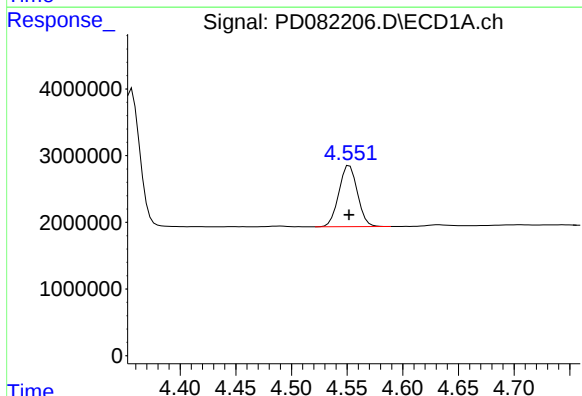
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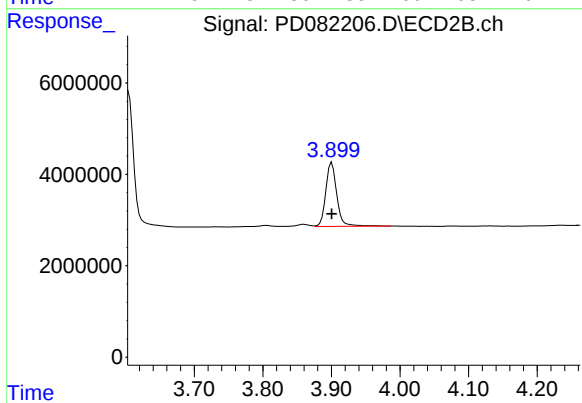
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 31413869
Conc: 8.91 ng/ml



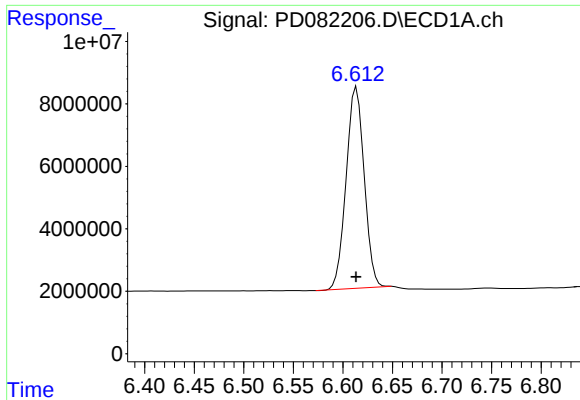
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 10685825
Conc: 10.54 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 15592674
Conc: 10.55 ng/ml



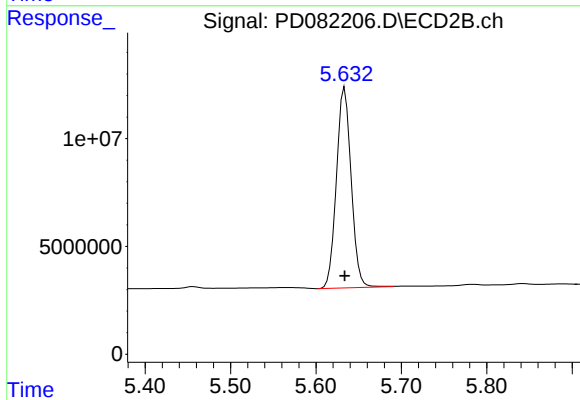
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 81813311
Conc: 45.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

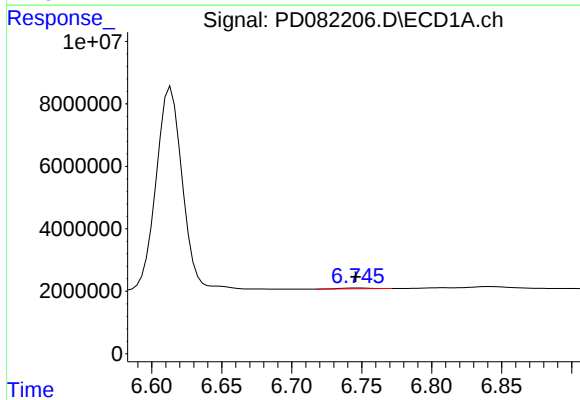
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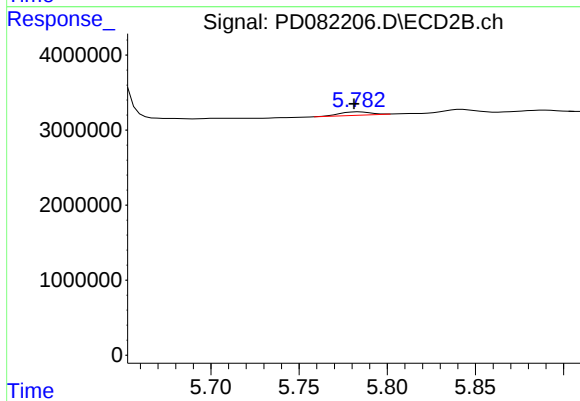
#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 111528183
Conc: 45.96 ng/ml



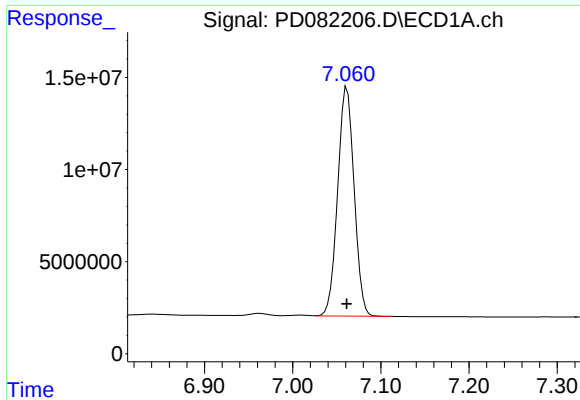
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 372533
Conc: 0.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 582666
Conc: 0.28 ng/ml m



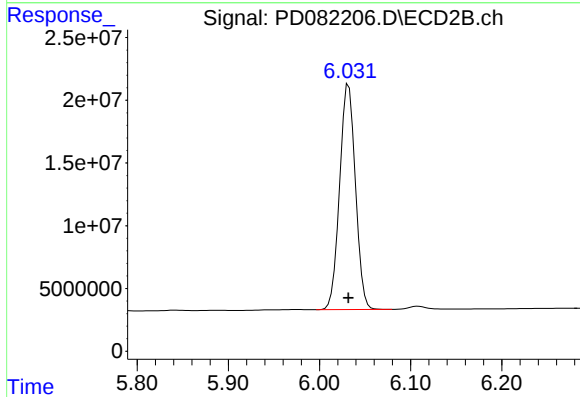
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 161303391
Conc: 101.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

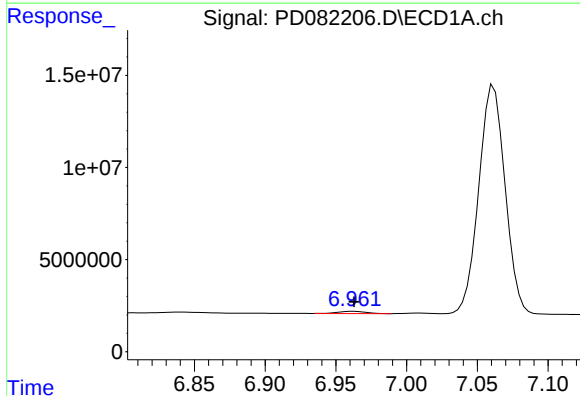
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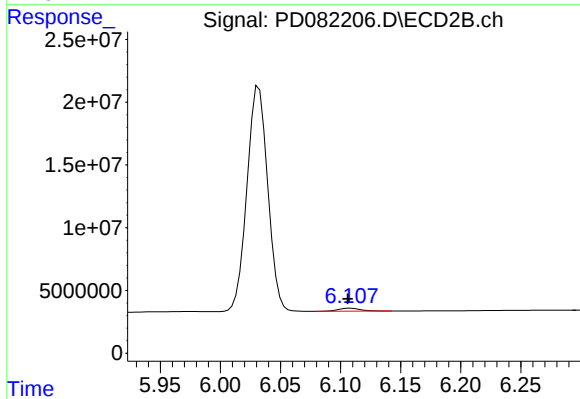
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 216461076
Conc: 102.87 ng/ml



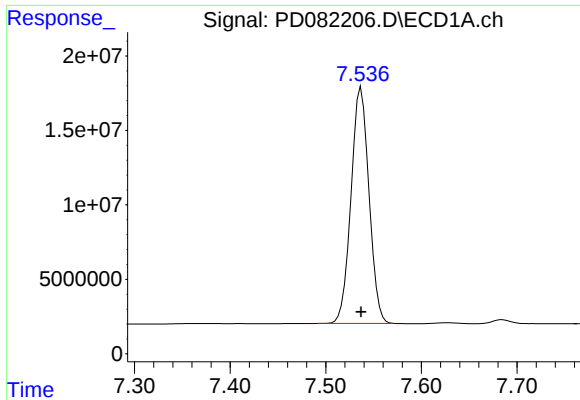
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 1666258
Conc: 1.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 3010504
Conc: 1.64 ng/ml



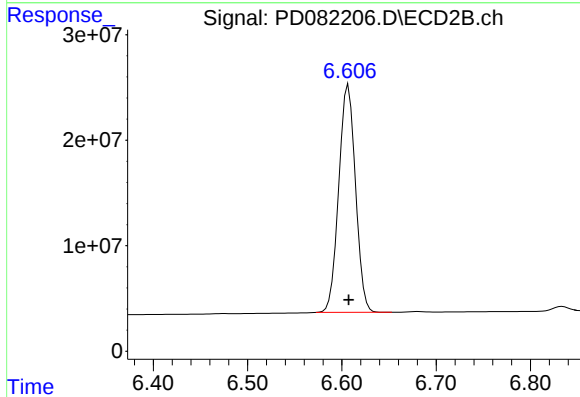
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 207338308
Conc: 233.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

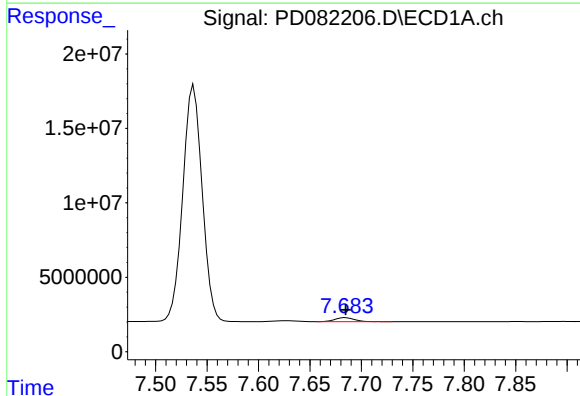
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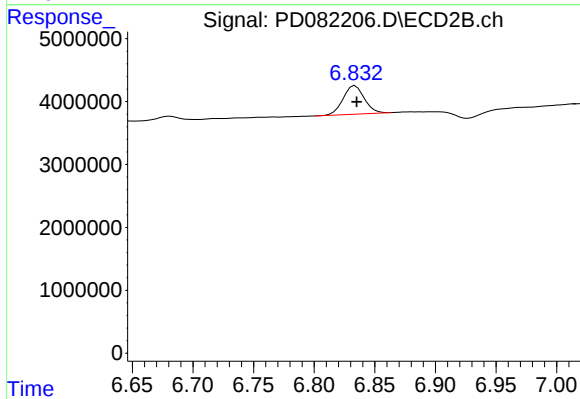
#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 266248673
Conc: 233.05 ng/ml



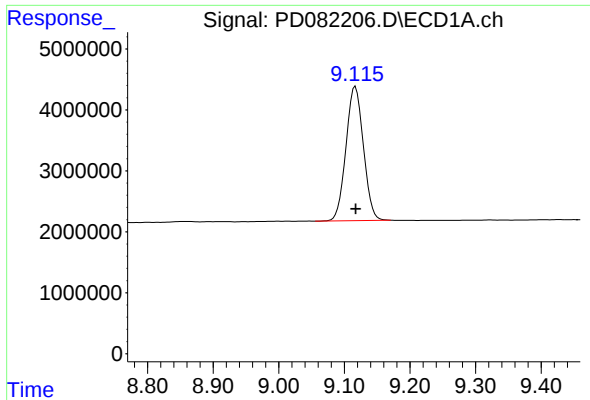
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 3630573
Conc: 2.01 ng/ml



#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 5497719
Conc: 2.07 ng/ml



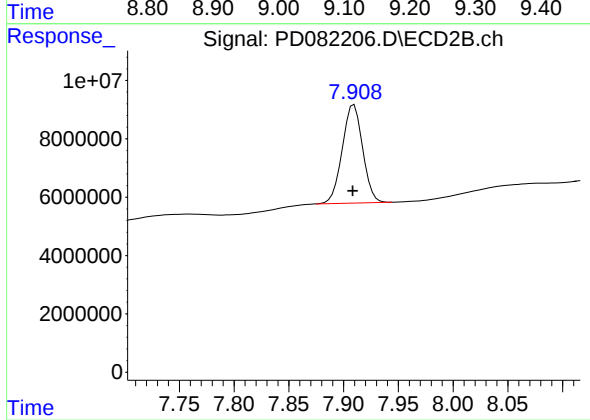
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 40638146
Conc: 21.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.001 min
Response: 43715914
Conc: 20.08 ng/ml