

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
 Data File : PD087800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 10:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/11/2025
 Supervised By : Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:22:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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 x 0.5 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...	3.554	2.880	44180319	276.6E6	22.175	22.996
28)	SA Decachlor...	9.079	8.079	65348878	304.9E6	21.426	21.576
Target Compounds							
2)	A alpha-BHC	4.003	3.394	41937647	224.3E6	10.421	12.003
3)	MA gamma-BHC...	4.333	3.731	41307939	204.8E6	10.380m	11.533
6)	B beta-BHC	4.519	4.027	18470229	95544847	11.700	12.527
12)	B 4,4'-DDE	6.202	5.380	835118	4972722	0.277	0.316
14)	MA Endrin	6.579	5.793	129.6E6	646.2E6	44.710	43.385
16)	A 4,4'-DDD	6.710	5.934	11011598	67012854	4.575	5.068
17)	MA 4,4'-DDT	7.026	6.188	251.9E6	1181.5E6	97.792	87.773
18)	B Endrin al...	6.919	6.262	5407415	33532372	2.334	2.876
20)	A Methoxychlor	7.498	6.759	325.7E6	1249.0E6	221.868	163.426 #
21)	B Endrin ke...	7.635	6.995	11648593	77825256	3.788	4.988 #

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

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Data File : PD087800.D
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Acq On : 10 Feb 2025 10:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

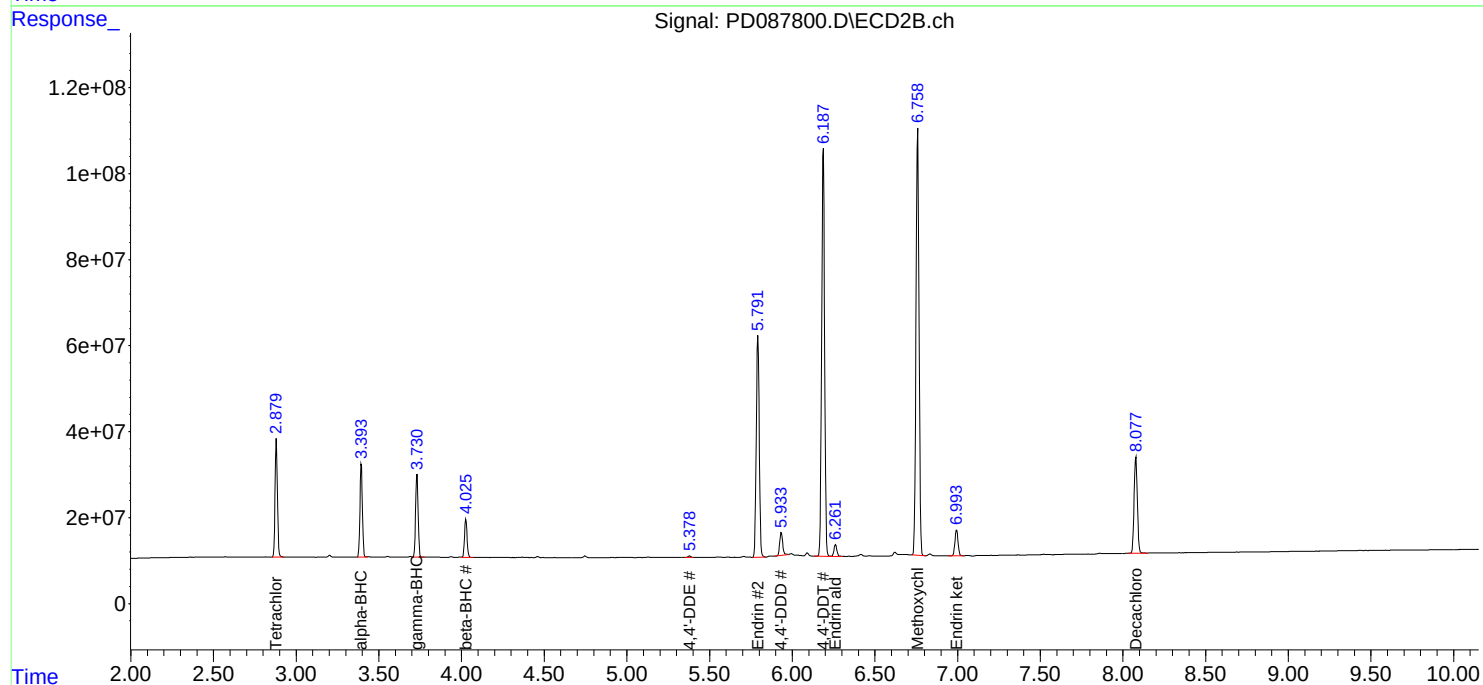
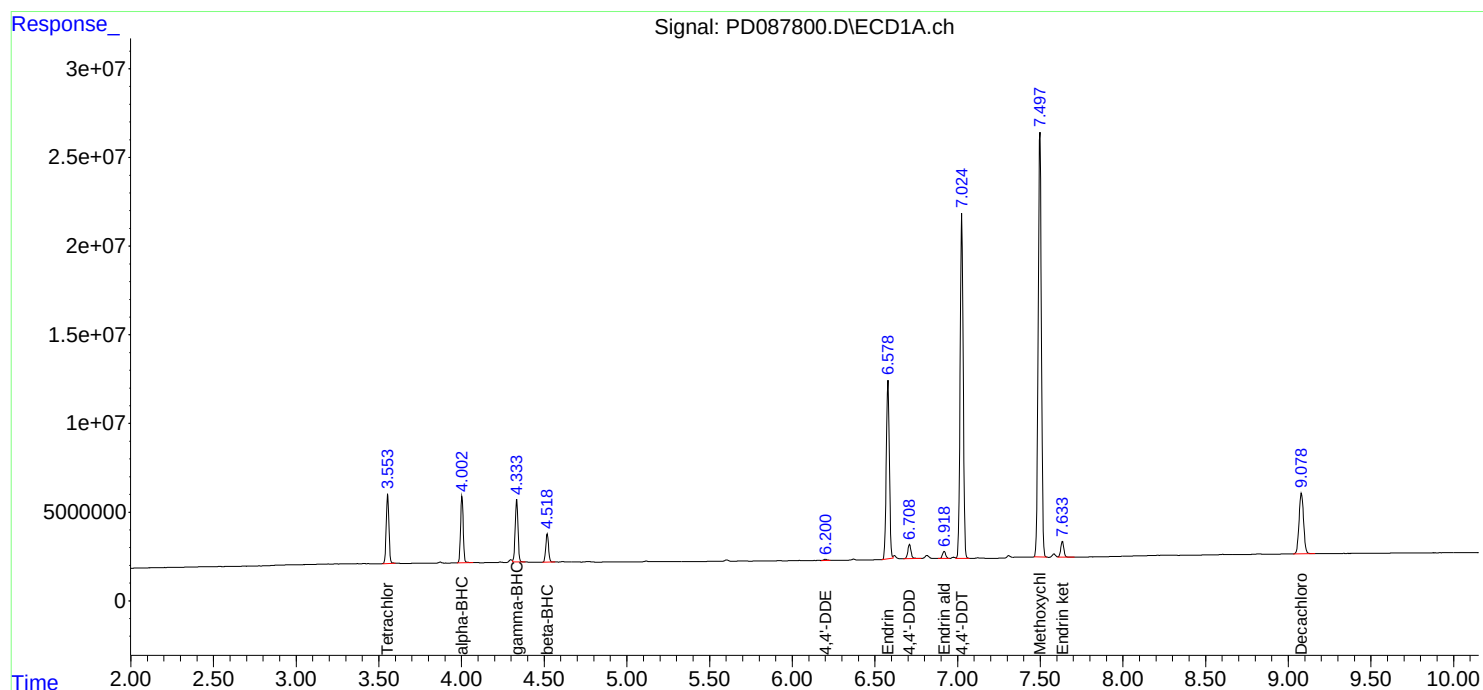
Instrument :
ECD_D
ClientSampleId :
PEM

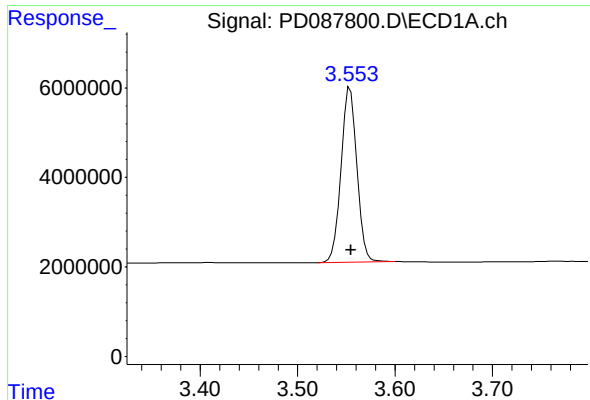
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





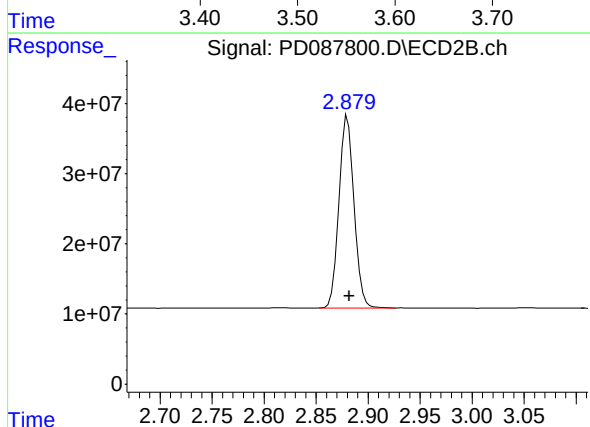
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 44180319
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

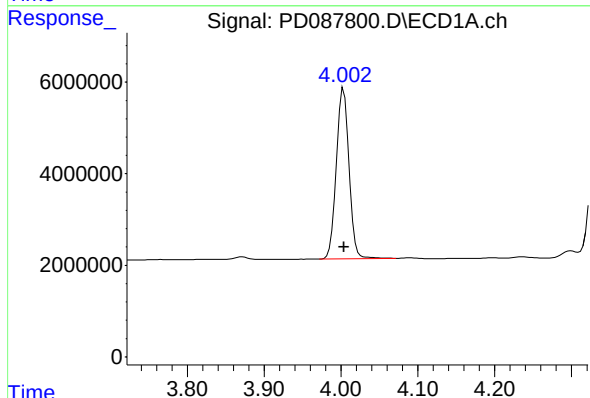
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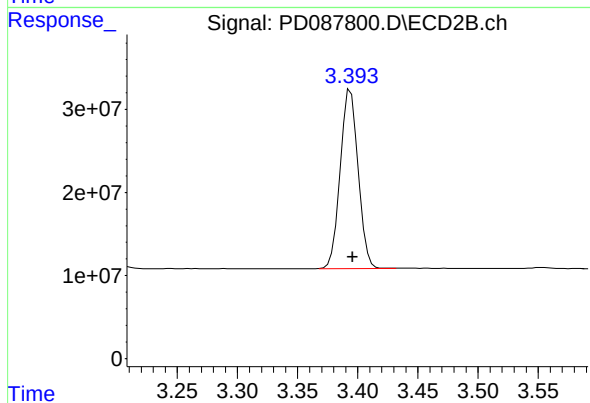
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 276573799
Conc: 23.00 ng/ml



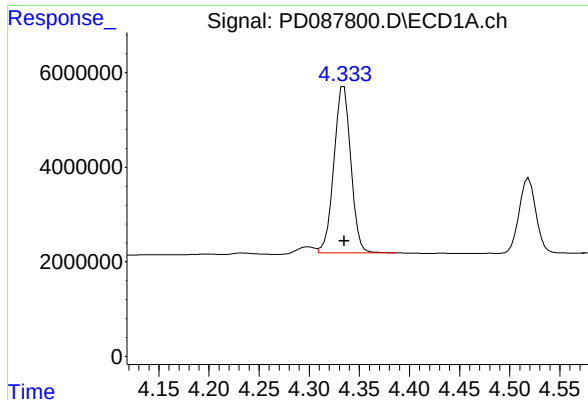
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 41937647
Conc: 10.42 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 224349753
Conc: 12.00 ng/ml



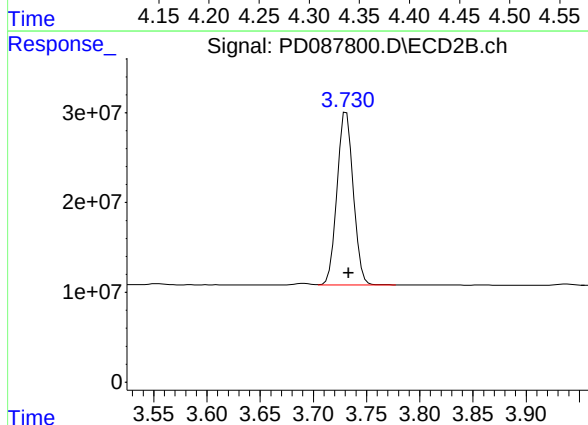
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 41307939
Conc: 10.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

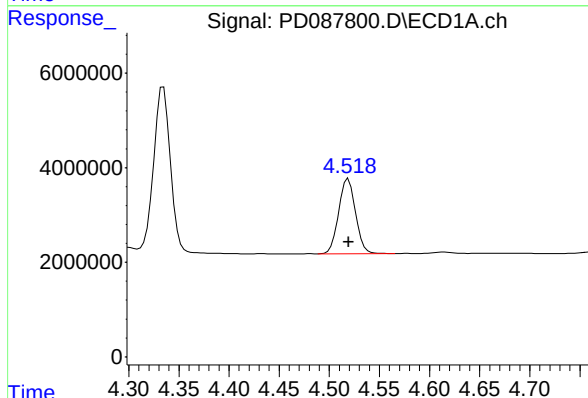
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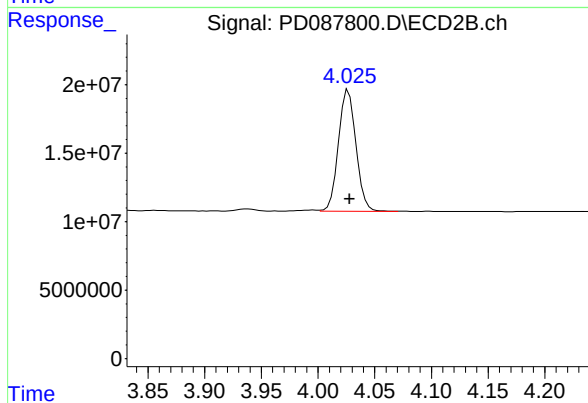
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 204771734
Conc: 11.53 ng/ml



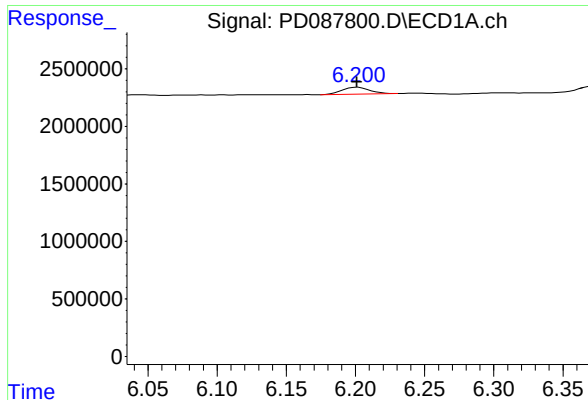
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 18470229
Conc: 11.70 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 95544847
Conc: 12.53 ng/ml



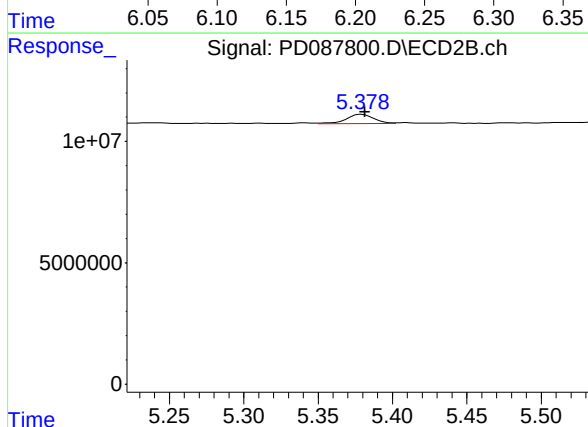
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 835118
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

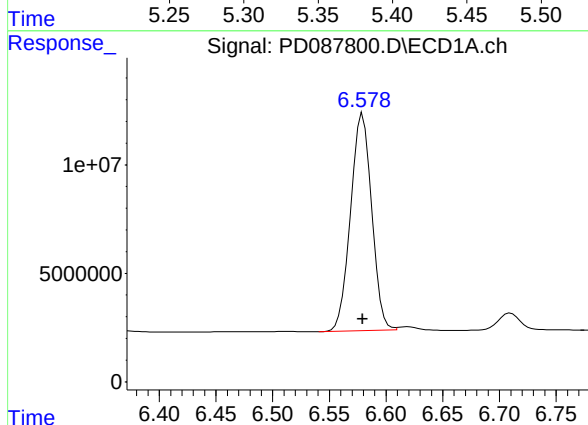
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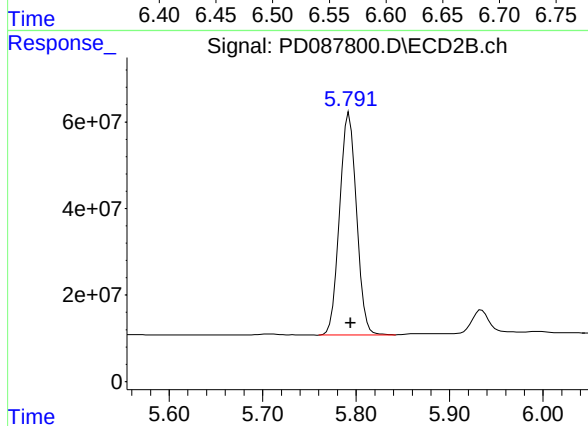
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 4972722
Conc: 0.32 ng/ml



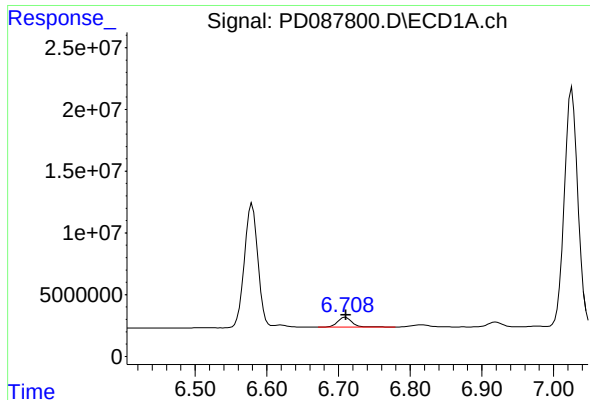
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 129569251
Conc: 44.71 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 646151405
Conc: 43.38 ng/ml



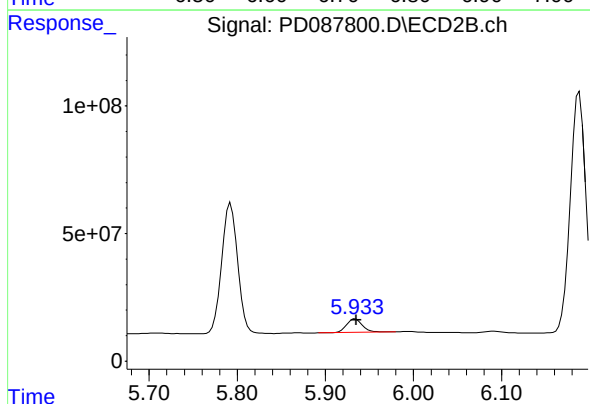
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 11011598
Conc: 4.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

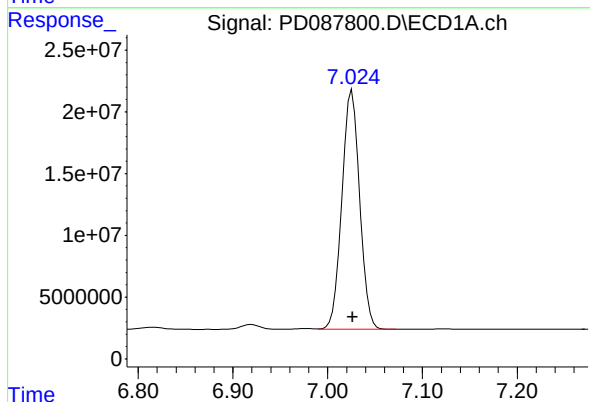
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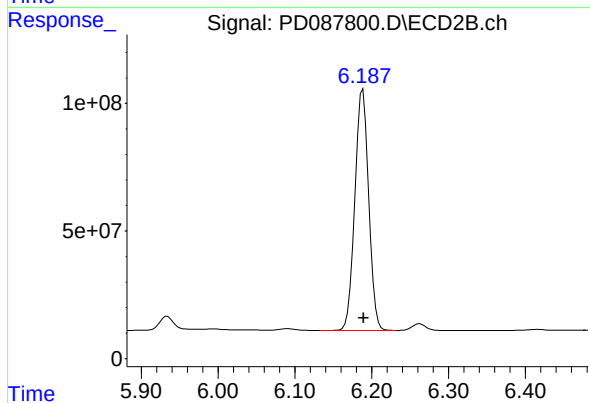
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 67012854
Conc: 5.07 ng/ml



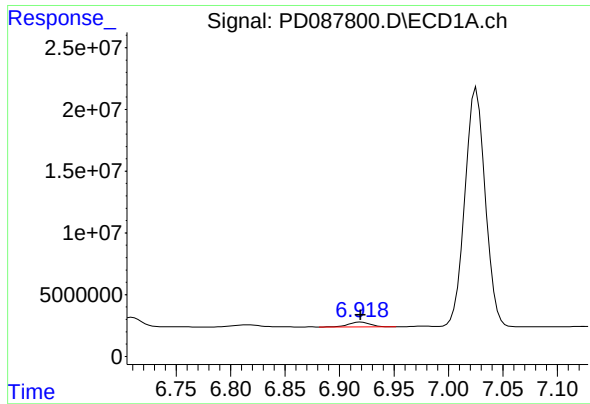
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 251875021
Conc: 97.79 ng/ml



#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 1181468699
Conc: 87.77 ng/ml



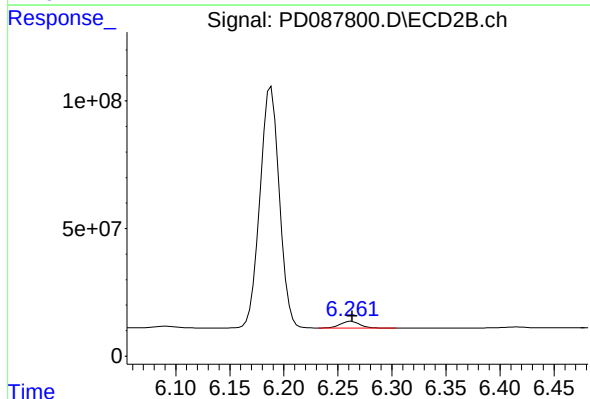
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 5407415
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

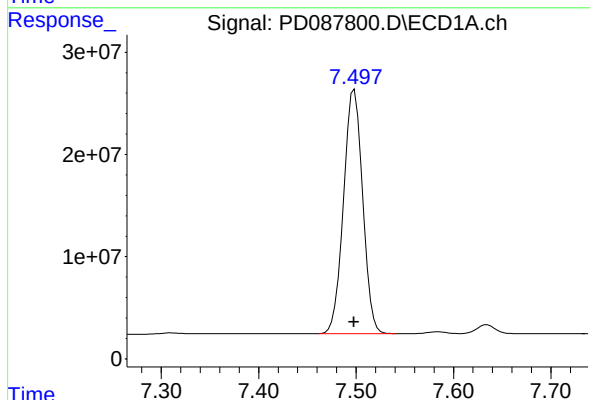
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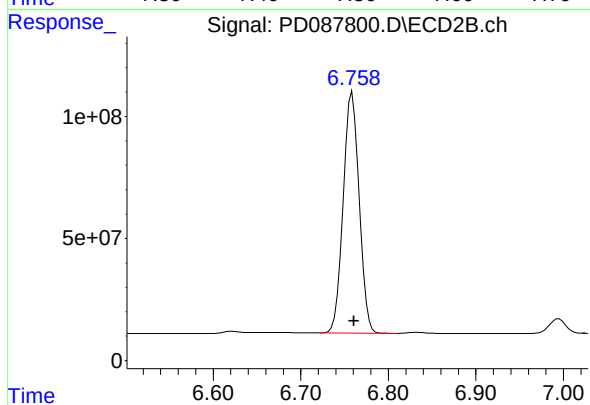
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 33532372
Conc: 2.88 ng/ml



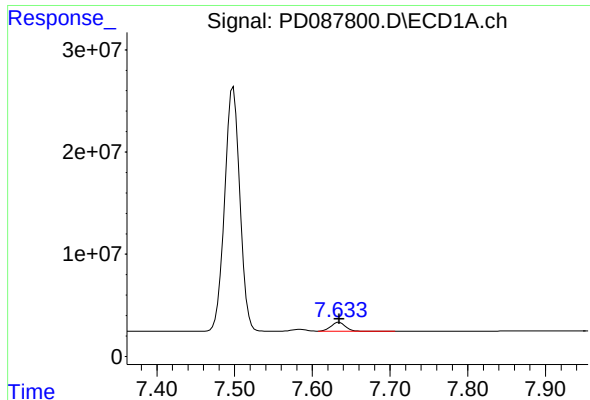
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 325666448
Conc: 221.87 ng/ml



#20 Methoxychlor

R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 1248975357
Conc: 163.43 ng/ml



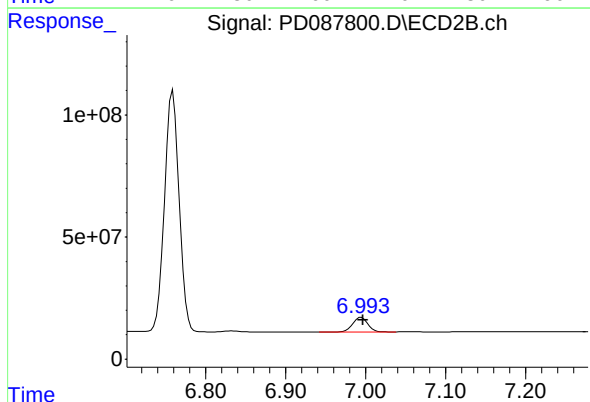
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 11648593
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

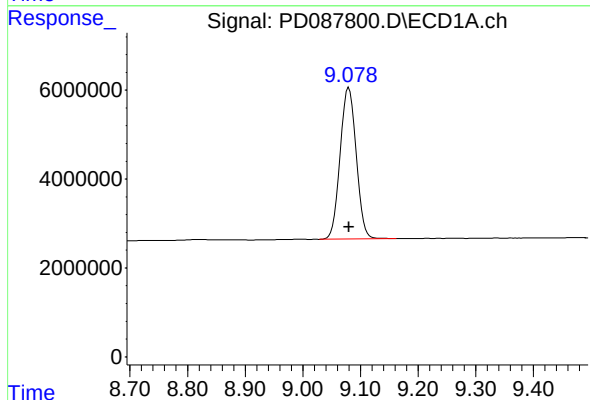
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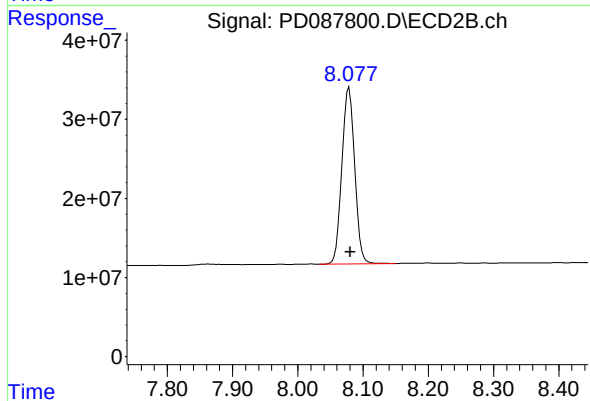
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: -0.002 min
Response: 77825256
Conc: 4.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 65348878
Conc: 21.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 304910917
Conc: 21.58 ng/ml