

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 11:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:06:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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 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...	3.541	2.870	73363461	952.8E6	21.122	24.181
28)	SA Decachlor...	9.063	8.057	95604949	1082.7E6	18.393	26.146 #
Target Compounds							
2)	A alpha-BHC	3.990	3.382	73124732	810.2E6	9.083	11.884 #
3)	MA gamma-BHC...	4.321	3.718	71121622	744.5E6	9.463	13.241 #
6)	B beta-BHC	4.509	4.015	29828783	310.6E6	10.332	12.965 #
14)	MA Endrin	6.565	5.774	265.2E6	2976.5E6	47.296	56.936m
16)	A 4,4'-DDD	6.696	5.916	9864207	140.7E6	2.143m	3.094 #
17)	MA 4,4'-DDT	7.014	6.169	465.5E6	5538.9E6	90.280	116.857 #
18)	B Endrin al...	6.907	6.243	2018887	41685016	0.483m	1.168m#
20)	A Methoxychlor	7.487	6.740	551.0E6	5400.9E6	204.976	228.869
21)	B Endrin ke...	7.623	6.978	9064057	102.7E6	1.609	2.111 #

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

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Acq On : 11 Dec 2025 11:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

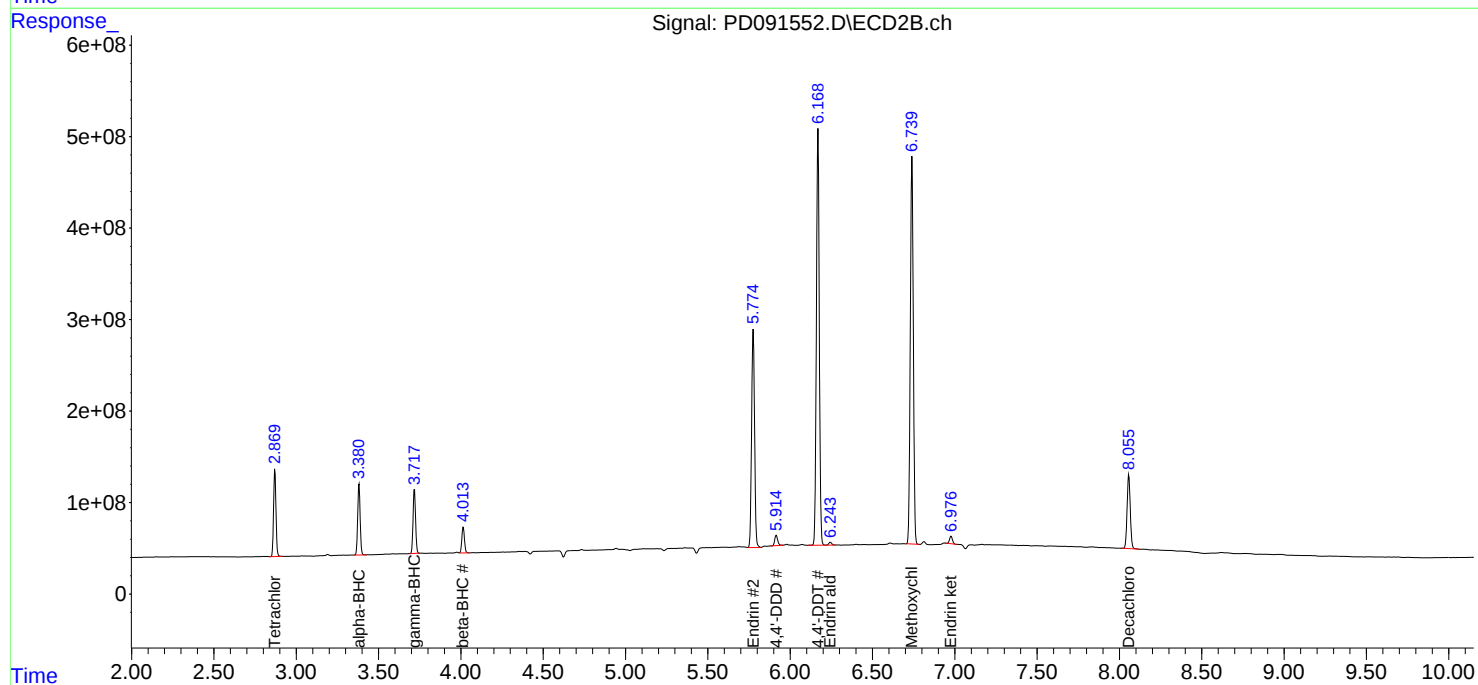
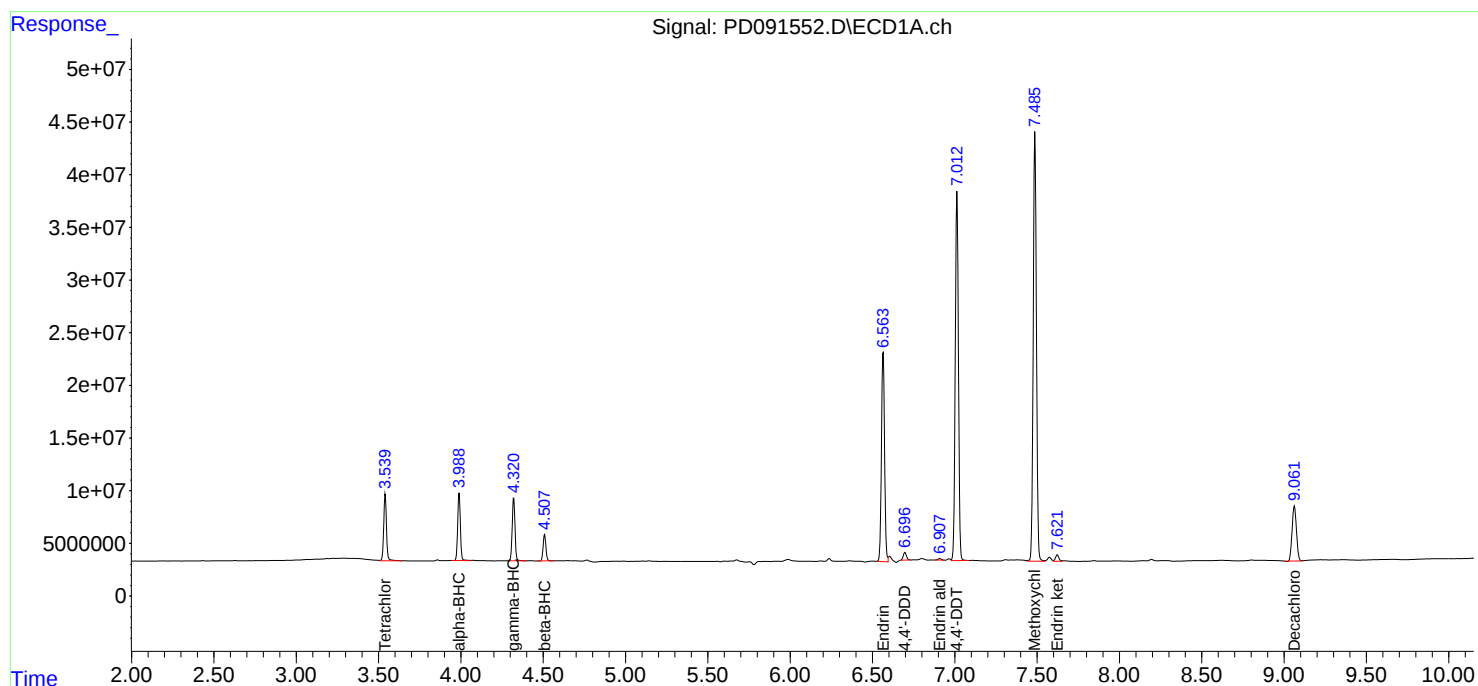
Instrument :
ECD_D
ClientSampleId :
PEM

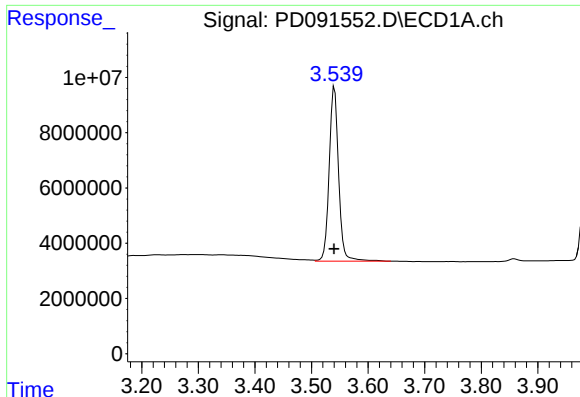
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Integration File signal 1: autoint1.e
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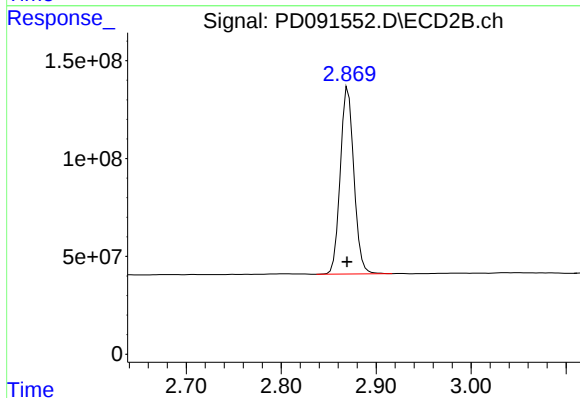
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 73363461
Conc: 21.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

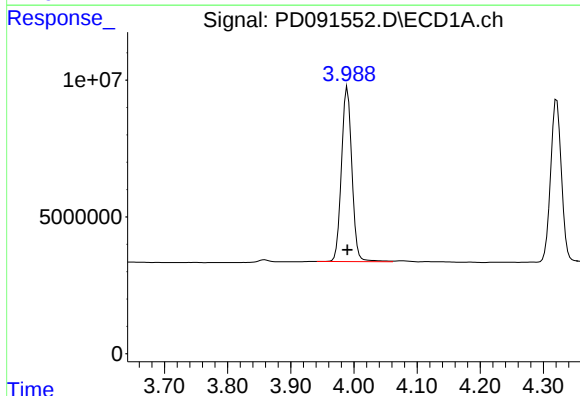
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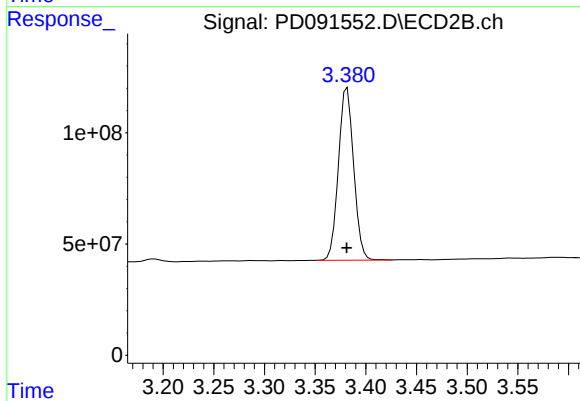
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 952819035
Conc: 24.18 ng/ml



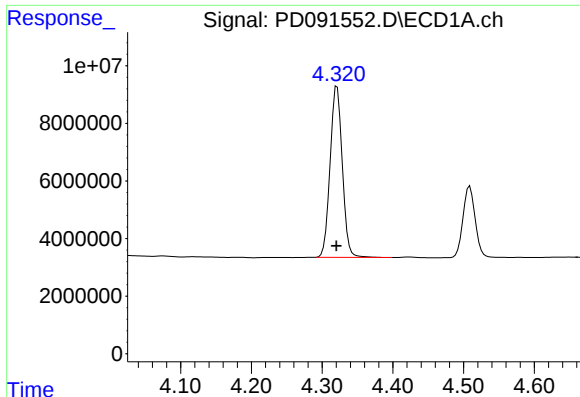
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 73124732
Conc: 9.08 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 810162695
Conc: 11.88 ng/ml



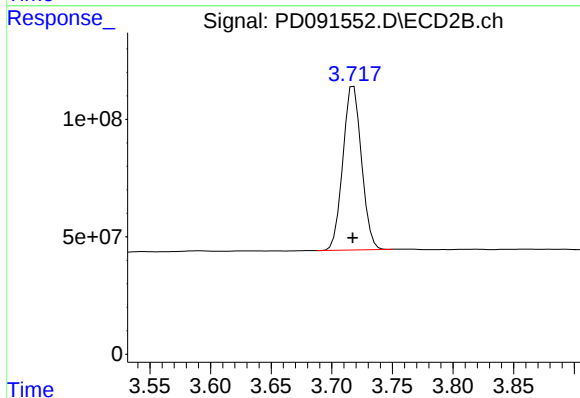
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 71121622
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

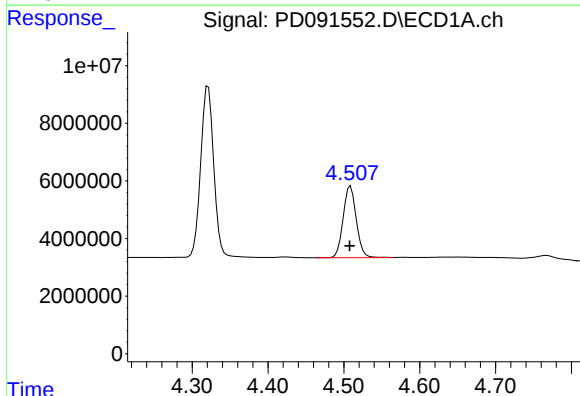
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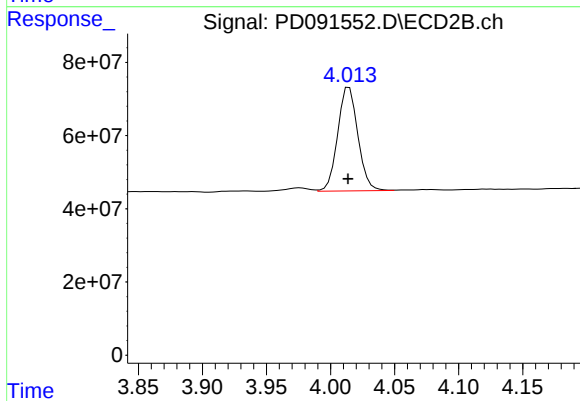
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 744520377
Conc: 13.24 ng/ml



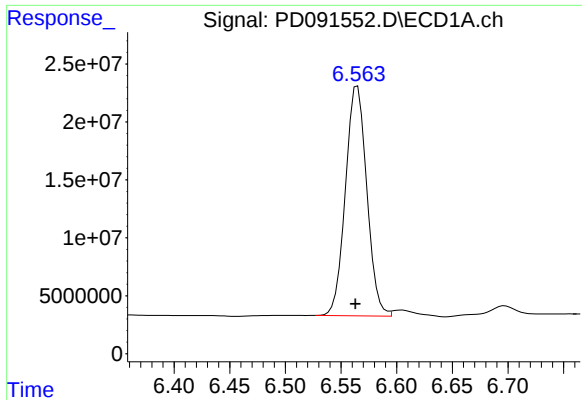
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 29828783
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 310635181
Conc: 12.97 ng/ml



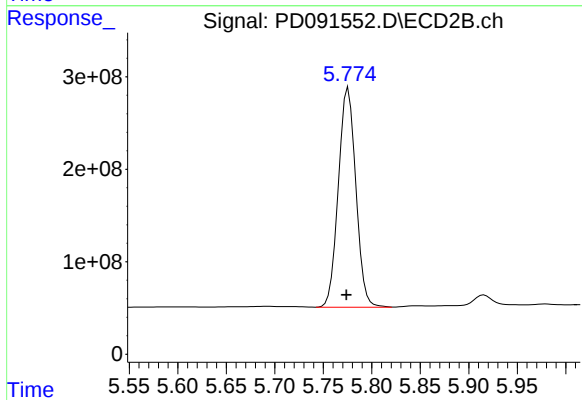
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 265243596
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

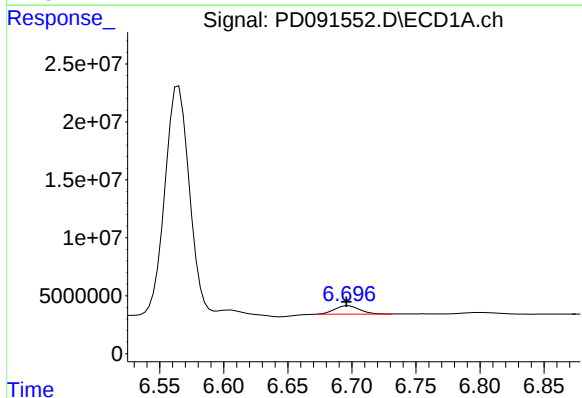
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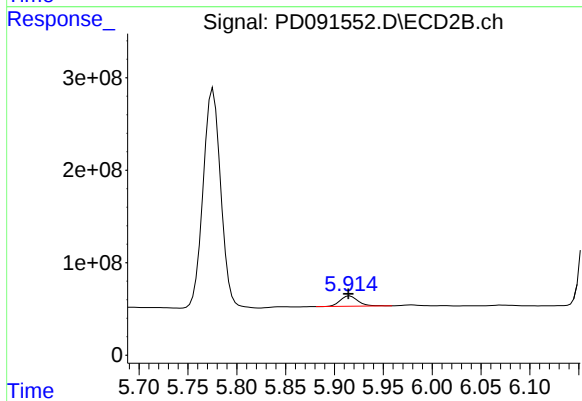
#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2976519480
Conc: 56.94 ng/ml m



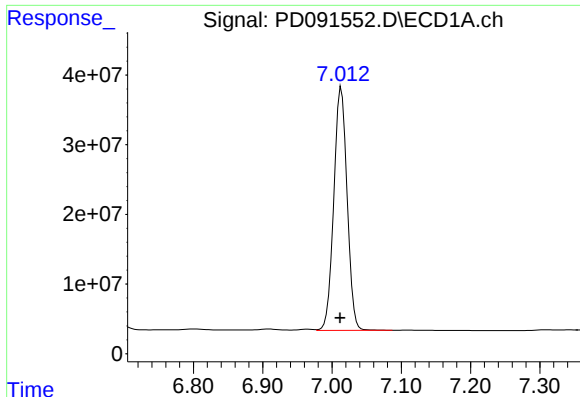
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 9864207
Conc: 2.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 140727645
Conc: 3.09 ng/ml



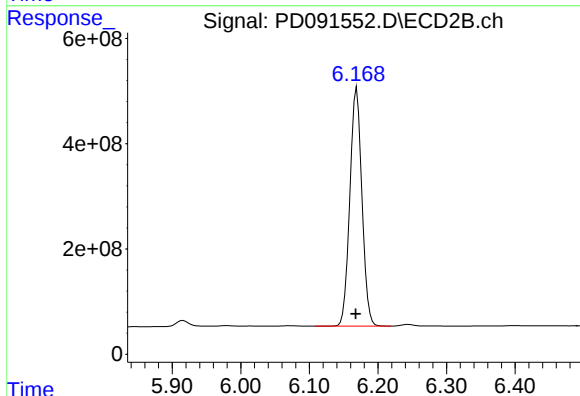
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 465525005
Conc: 90.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

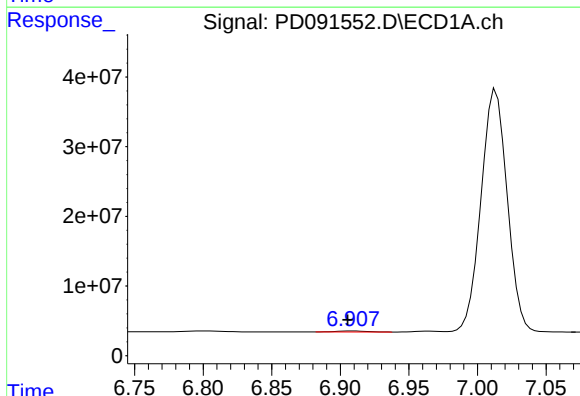
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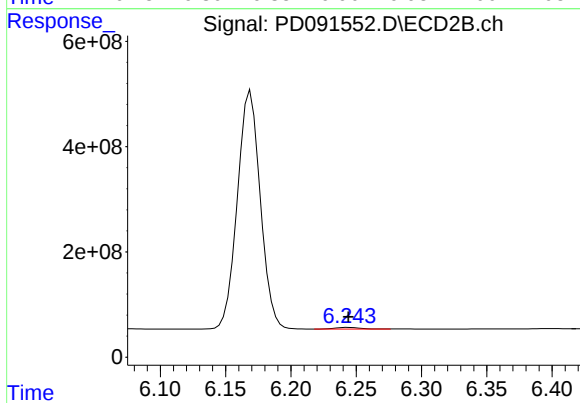
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.001 min
Response: 5538883158
Conc: 116.86 ng/ml



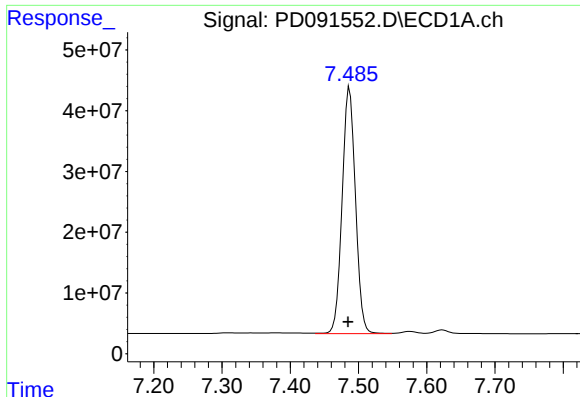
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 2018887
Conc: 0.48 ng/ml m



#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 41685016
Conc: 1.17 ng/ml m



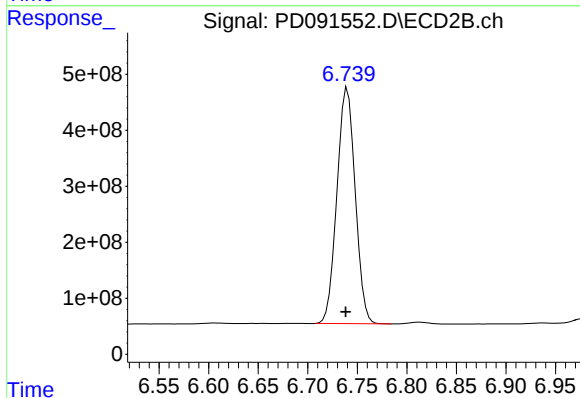
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 550971002
Conc: 204.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

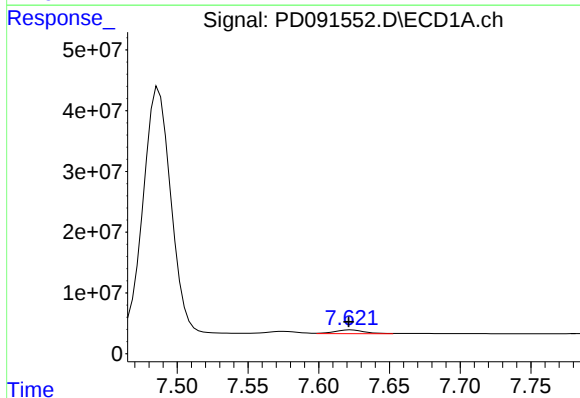
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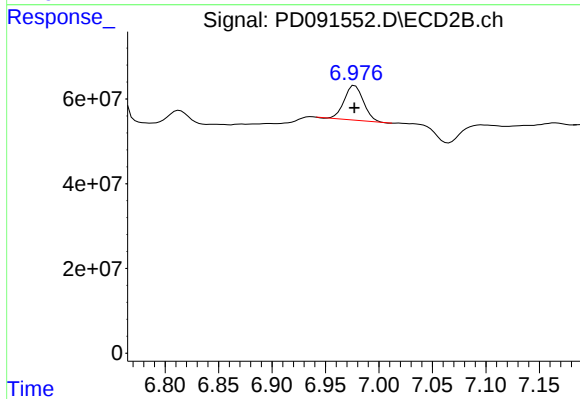
#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.002 min
Response: 5400855260
Conc: 228.87 ng/ml



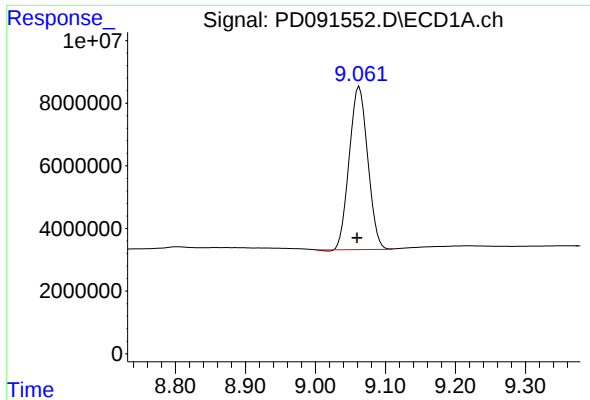
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.002 min
Response: 9064057
Conc: 1.61 ng/ml



#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 102693909
Conc: 2.11 ng/ml



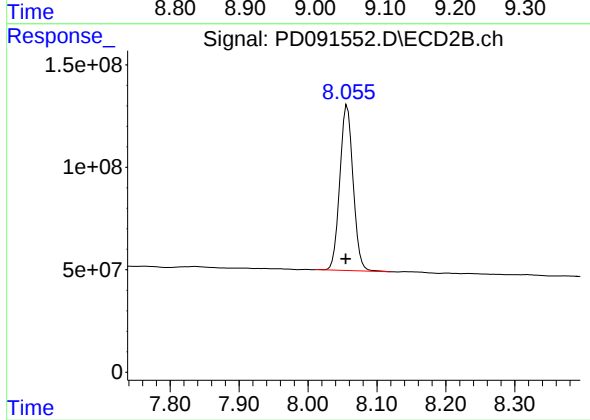
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 95604949
Conc: 18.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 1082718431
Conc: 26.15 ng/ml