

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 12:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 18:18:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 08 18:16:02 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...	3.540	2.870	70631714	792.5E6	20.336	20.113
28)	SA Decachlor...	9.058	8.054	107.5E6	799.4E6	20.683	19.304
Target Compounds							
2)	A alpha-BHC	3.988	3.382	68537050	654.4E6	8.513	9.600
3)	MA gamma-BHC...	4.319	3.717	64983259	467.9E6	8.646	8.321
6)	B beta-BHC	4.507	4.014	27716419	223.4E6	9.600	9.324
14)	MA Endrin	6.563	5.774	256.6E6	2238.5E6	45.746	42.819
16)	A 4,4'-DDD	6.696	5.917	2347282	15854242	0.510	0.349 #
17)	MA 4,4'-DDT	7.010	6.167	483.3E6	4169.3E6	93.729	87.963
18)	B Endrin al...	6.904	6.249	486375	85938876	0.116m	2.408 #
20)	A Methoxychlor	7.484	6.738	582.6E6	4413.2E6	216.760	187.016
21)	B Endrin ke...	7.619	6.976	2577460	30386529	0.457	0.625 #

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

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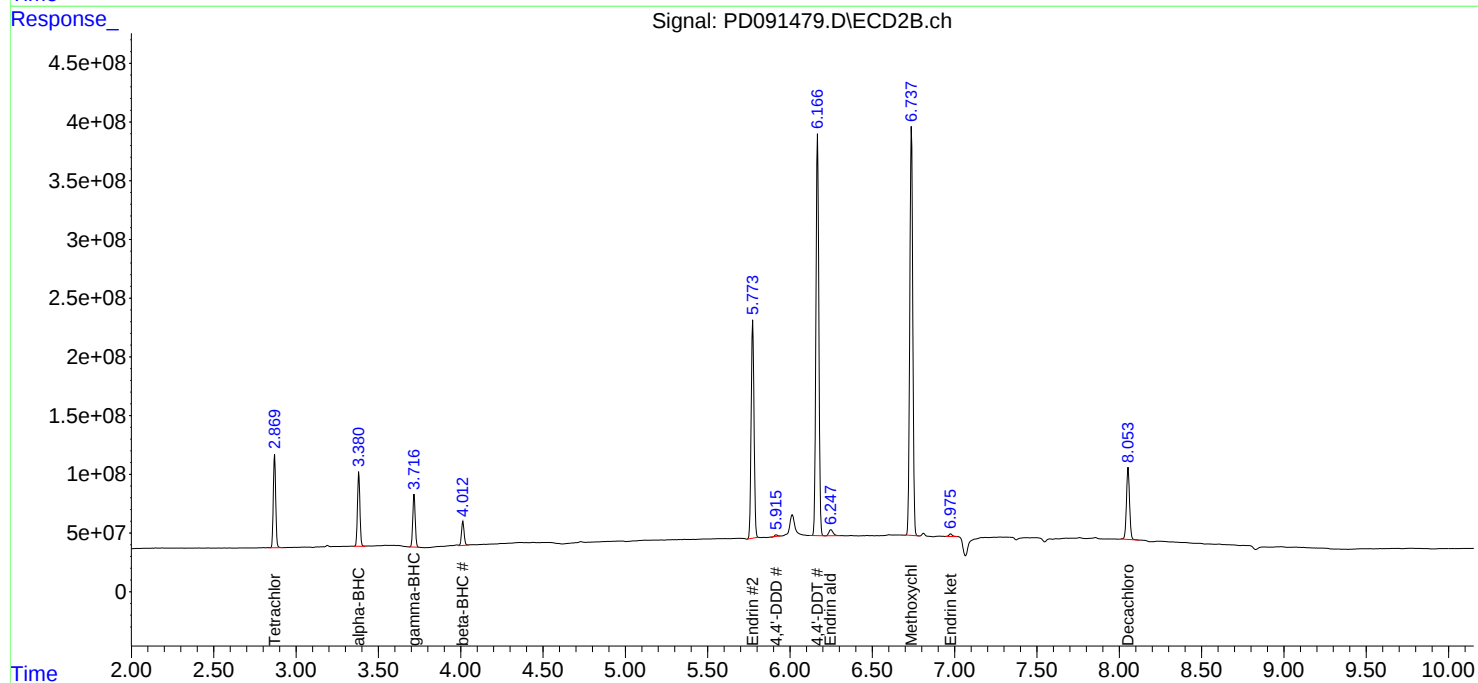
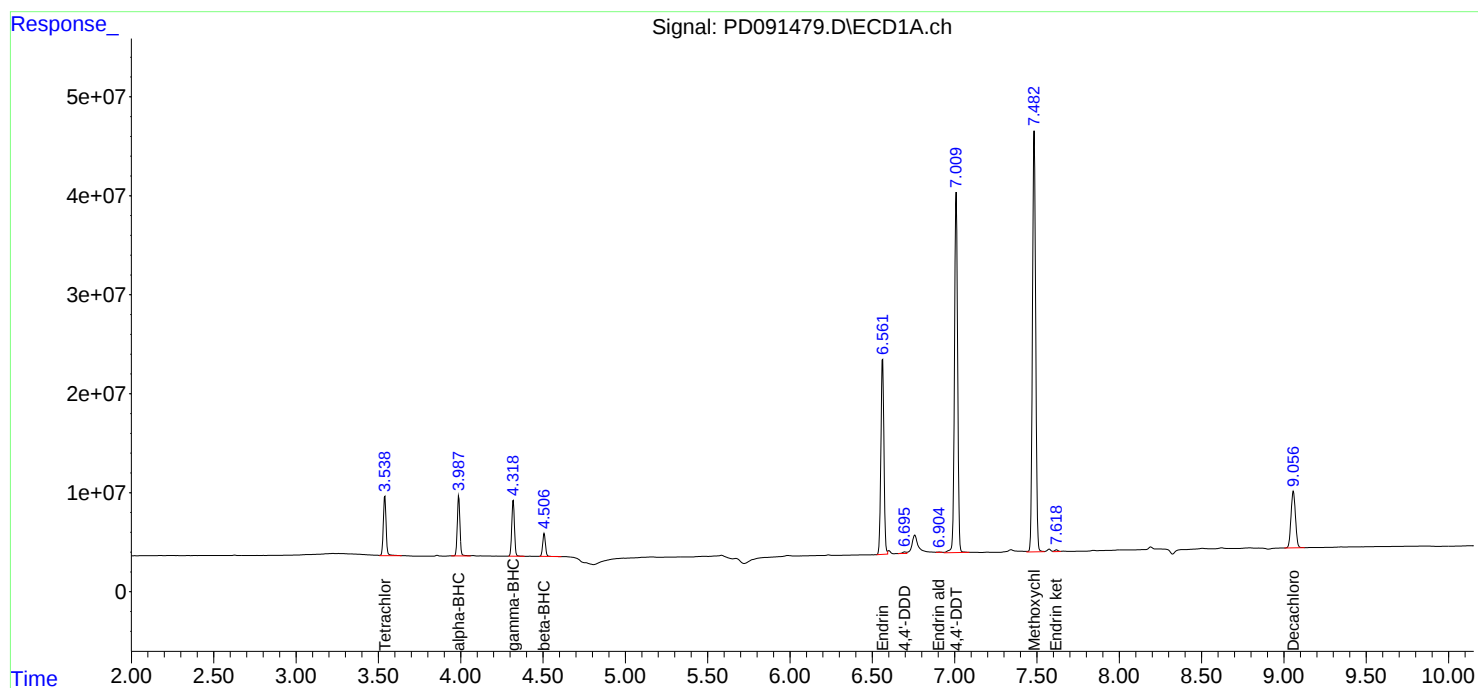
Instrument :
ECD_D
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PEM

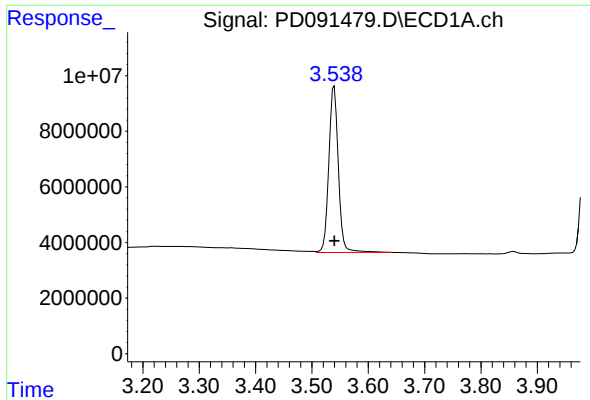
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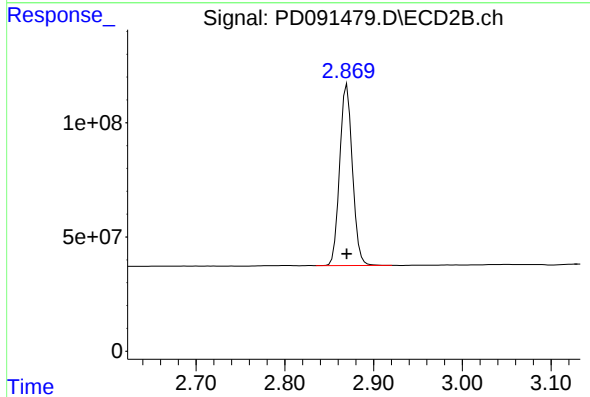
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 70631714
Conc: 20.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

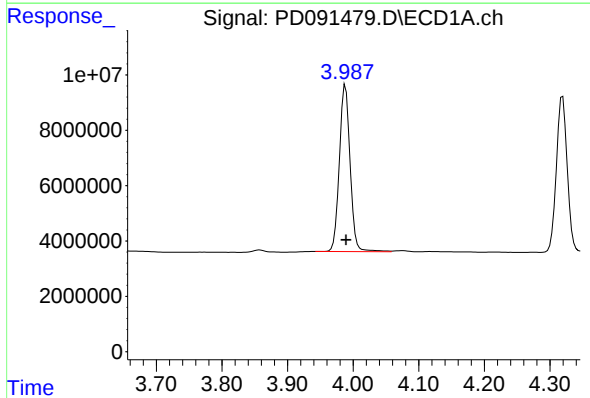
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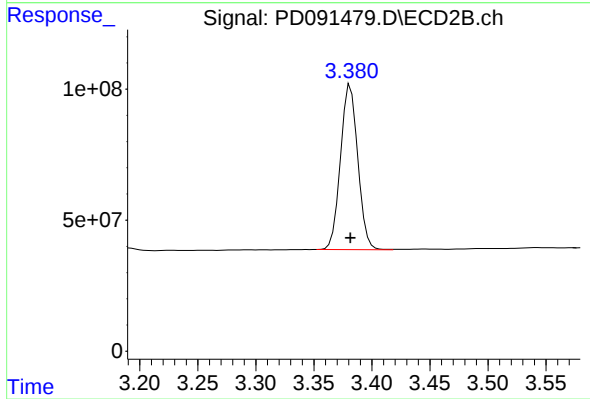
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 792509158
Conc: 20.11 ng/ml



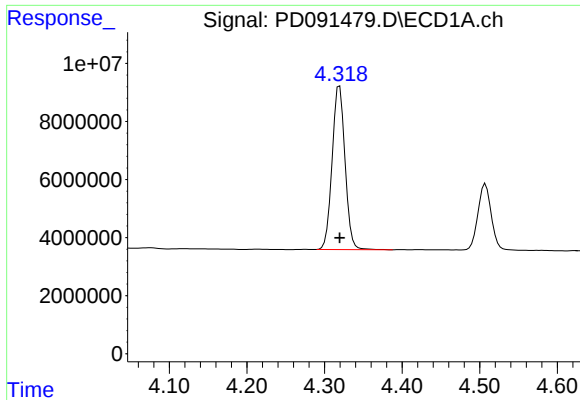
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 68537050
Conc: 8.51 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 654437936
Conc: 9.60 ng/ml



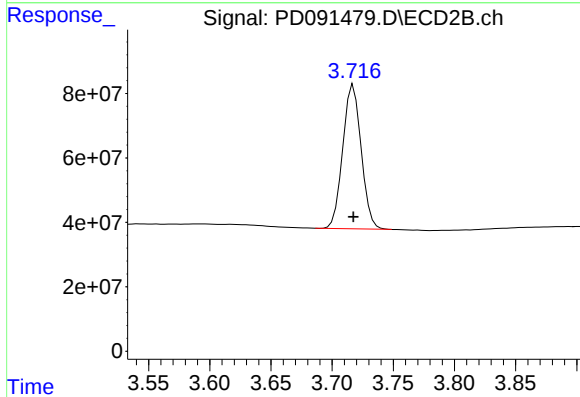
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 64983259
Conc: 8.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

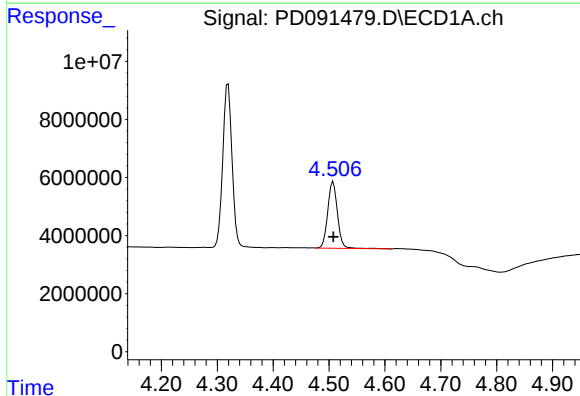
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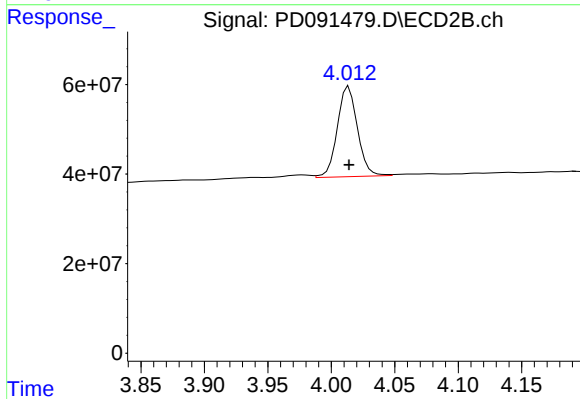
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 467891838
Conc: 8.32 ng/ml



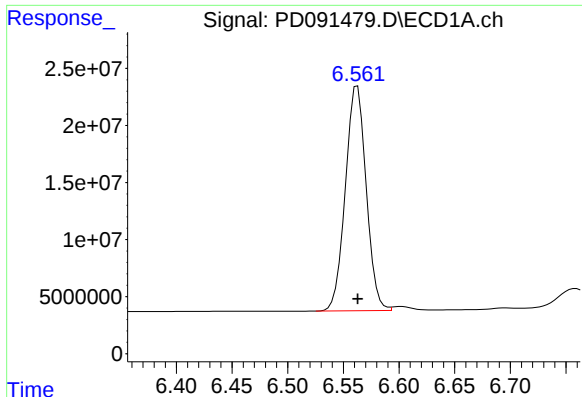
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 27716419
Conc: 9.60 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 223398024
Conc: 9.32 ng/ml



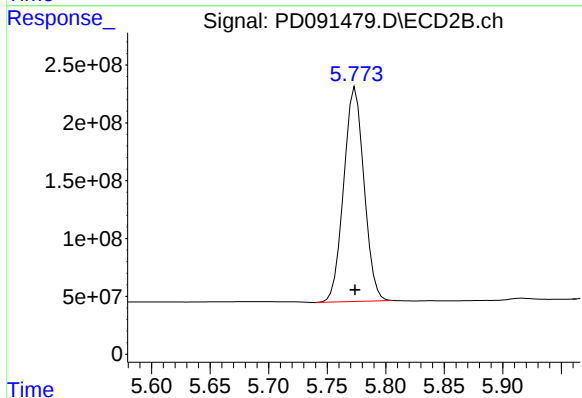
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 256550936
Conc: 45.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

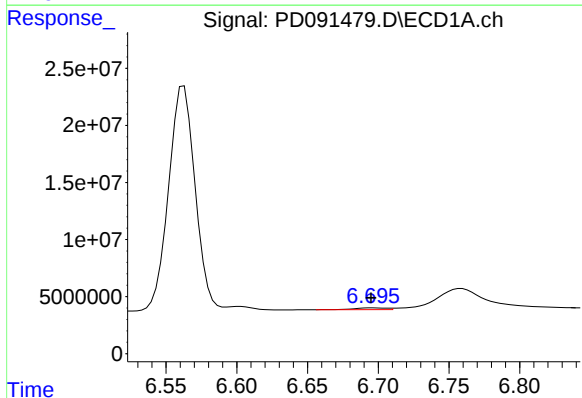
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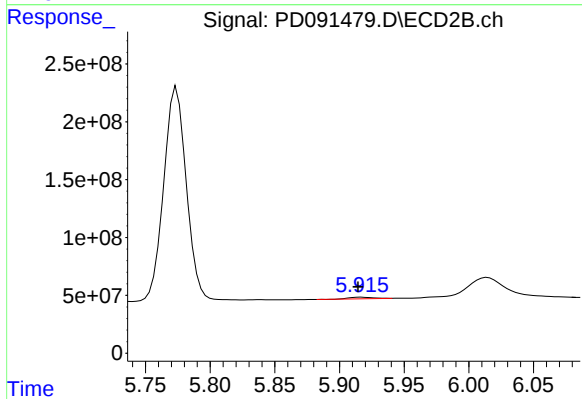
#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2238506951
Conc: 42.82 ng/ml



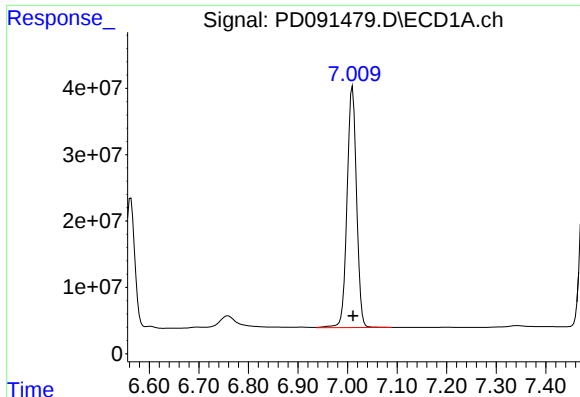
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 2347282
Conc: 0.51 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 15854242
Conc: 0.35 ng/ml



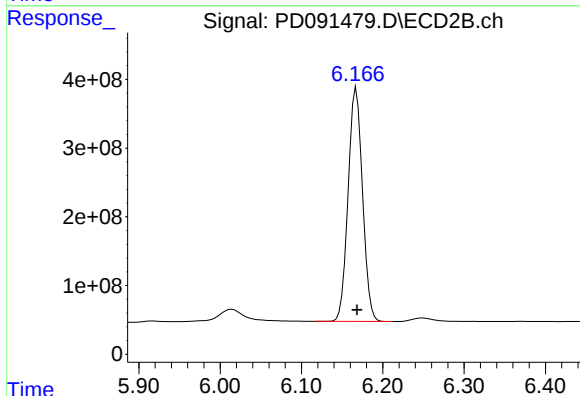
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 483311936
Conc: 93.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

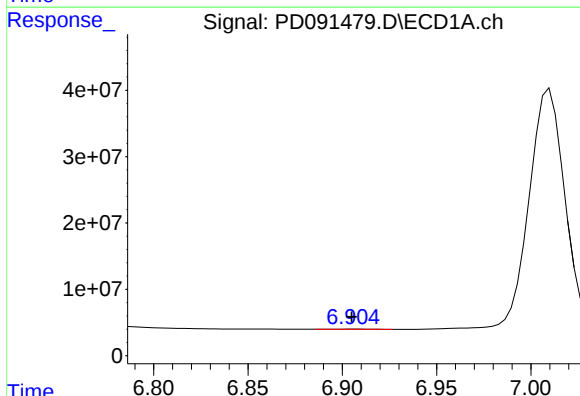
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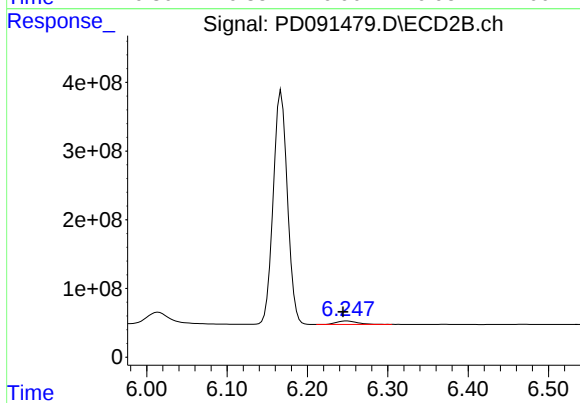
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 4169334374
Conc: 87.96 ng/ml



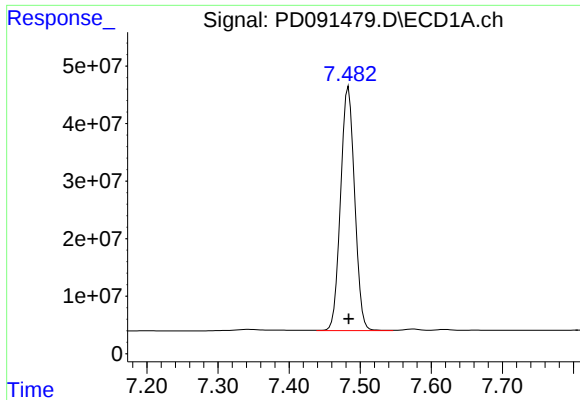
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 486375
Conc: 0.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.004 min
Response: 85938876
Conc: 2.41 ng/ml



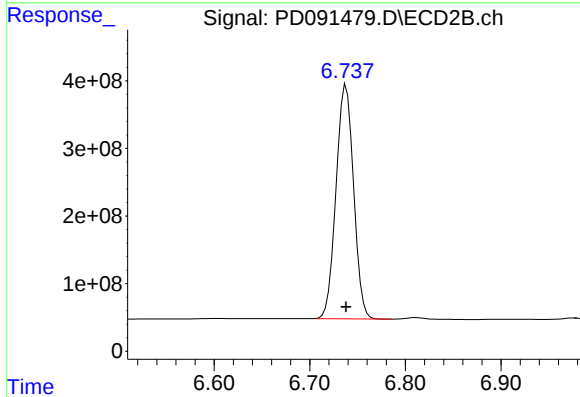
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 582648022
Conc: 216.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

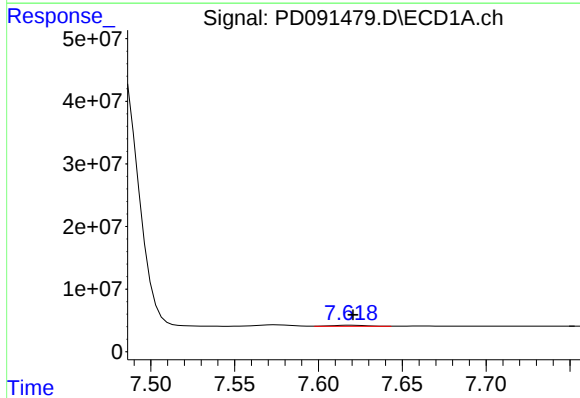
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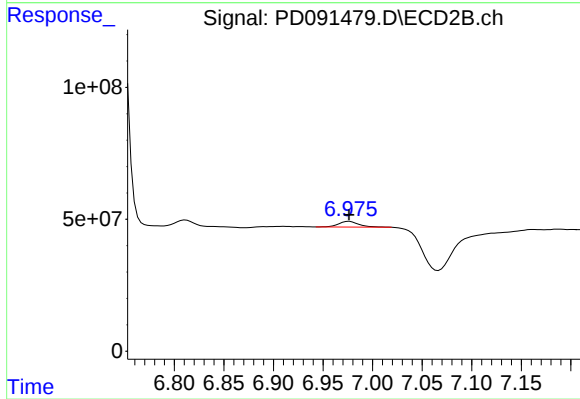
#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 4413207115
Conc: 187.02 ng/ml



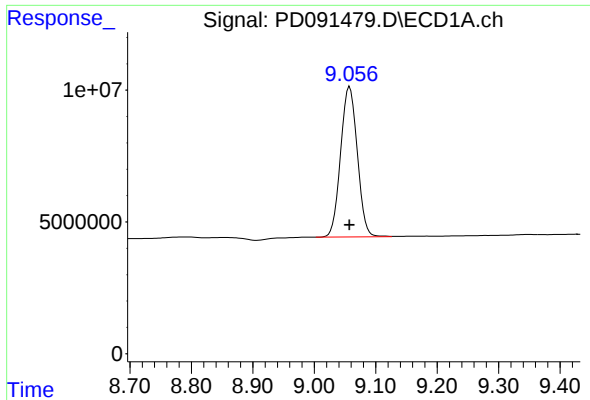
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 2577460
Conc: 0.46 ng/ml



#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 30386529
Conc: 0.62 ng/ml



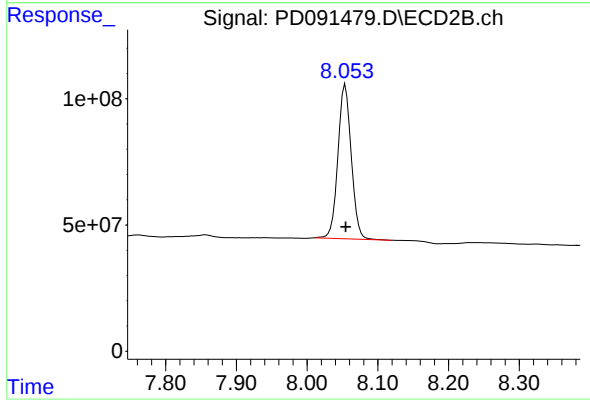
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 107508655
Conc: 20.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 799411454
Conc: 19.30 ng/ml