

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2025 01:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/17/2025
 Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:50:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.544	2.874	70112210	739.9E6	20.330	20.199
28)	SA Decachlor...	9.065	8.059	107.2E6	854.5E6	21.516	21.593
Target Compounds							
2)	A alpha-BHC	3.993	3.385	68406483	617.0E6	8.556	9.763
3)	MA gamma-BHC...	4.323	3.721	65899371	565.0E6	8.818	9.771
6)	B beta-BHC	4.511	4.018	27552592	238.1E6	9.483	9.910
12)	B 4,4'-DDE	6.189	5.363	1127356	10334469	0.194	0.193m
14)	MA Endrin	6.567	5.778	228.8E6	2069.4E6	46.104	45.790
16)	A 4,4'-DDD	6.699	5.918	43689853	425.0E6	8.895	8.697
17)	MA 4,4'-DDT	7.015	6.172	382.8E6	3642.9E6	92.552	93.092
18)	B Endrin al...	6.909	6.247	9471510	76548295	2.274	2.169
20)	A Methoxychlor	7.488	6.742	470.9E6	3916.8E6	216.576	195.339
21)	B Endrin ke...	7.624	6.980	20976394	221.0E6	3.723	4.338

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

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Data File : PD091215.D
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Acq On : 15 Nov 2025 01:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 53 Sample Multiplier: 1

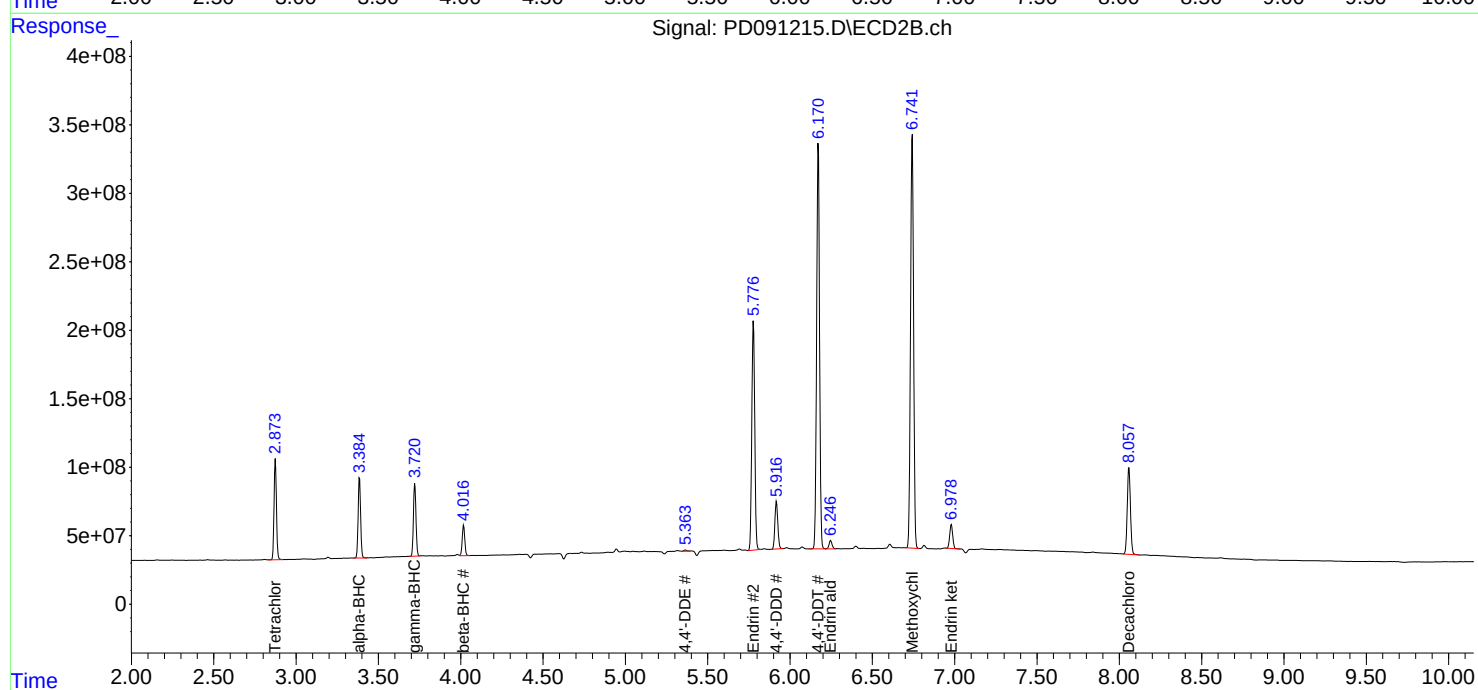
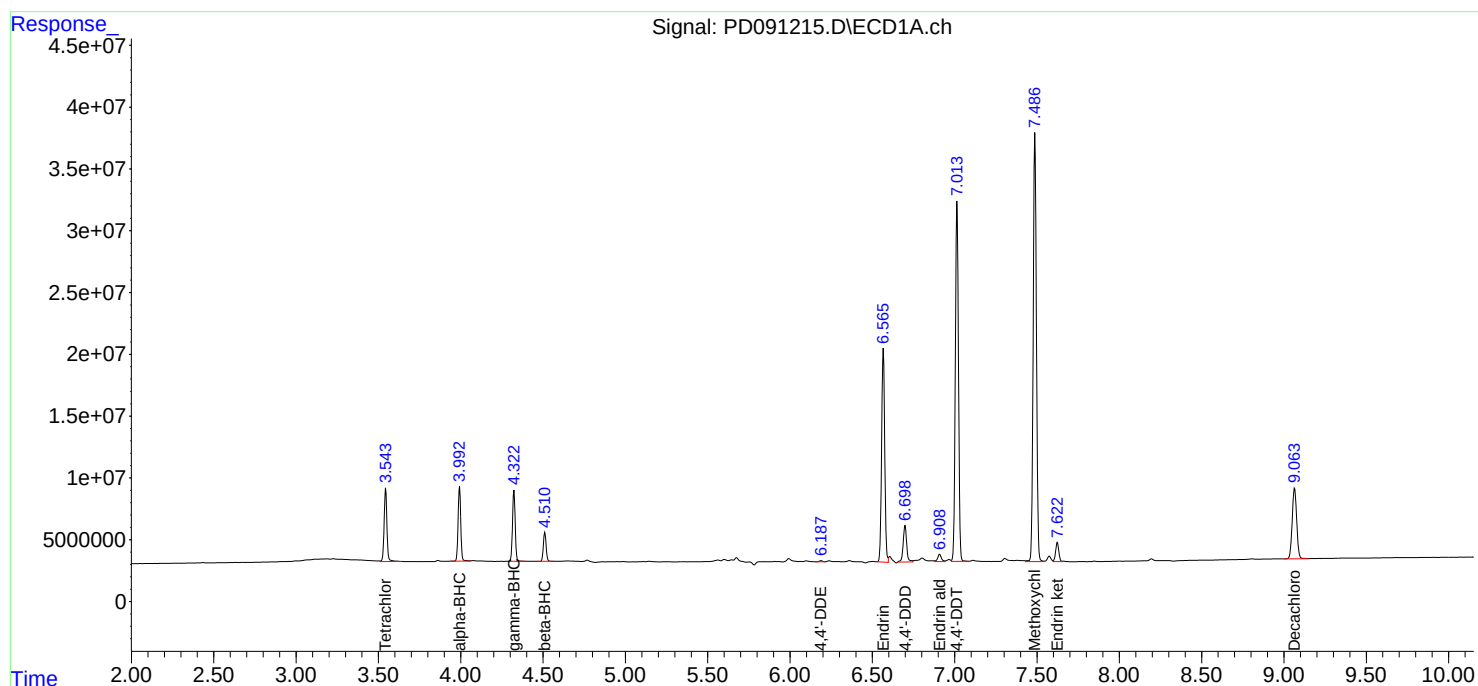
Instrument :
ECD_D
ClientSampleId :
PEM

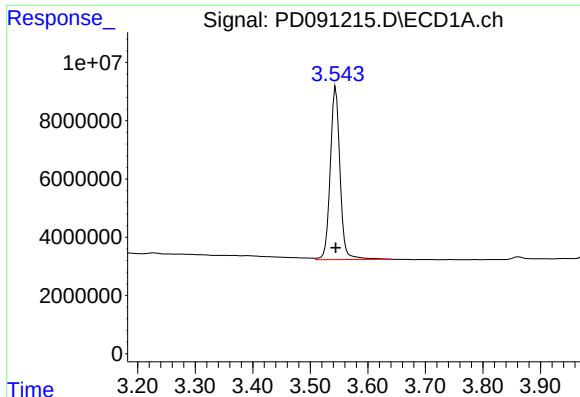
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:50:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
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Integrator: 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





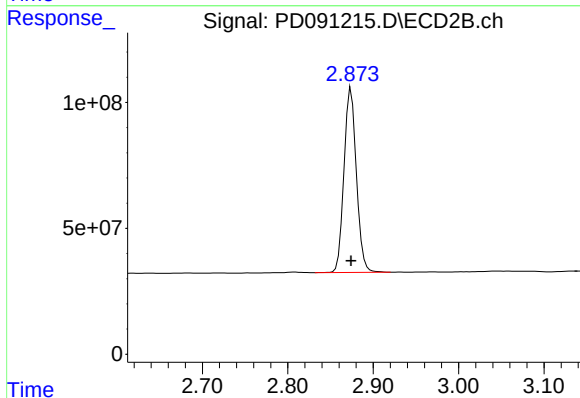
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 70112210
Conc: 20.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

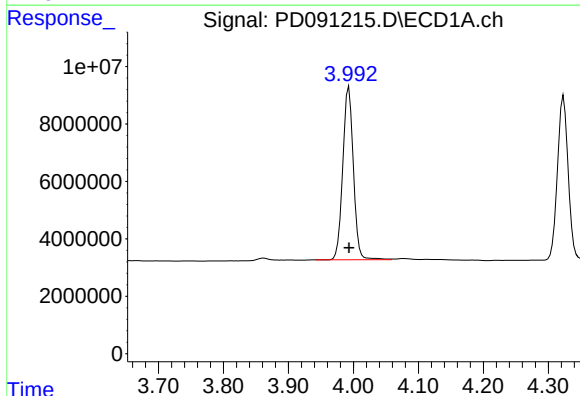
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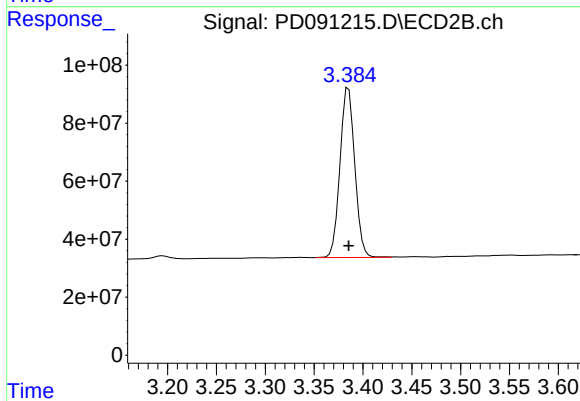
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 739911149
Conc: 20.20 ng/ml



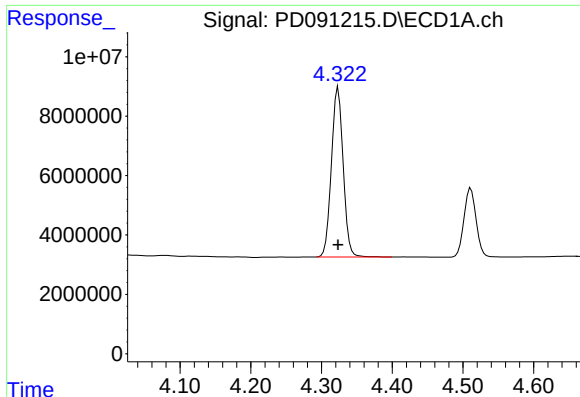
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 68406483
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 617018359
Conc: 9.76 ng/ml



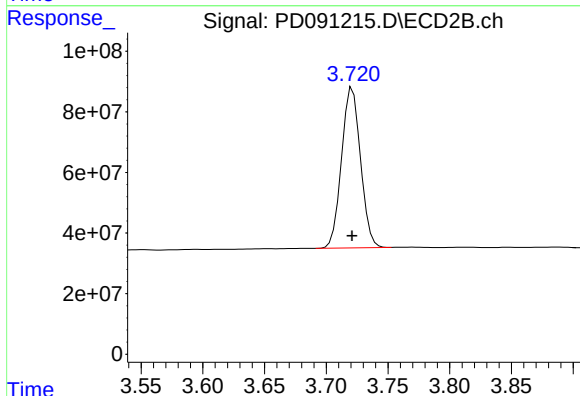
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 65899371
Conc: 8.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

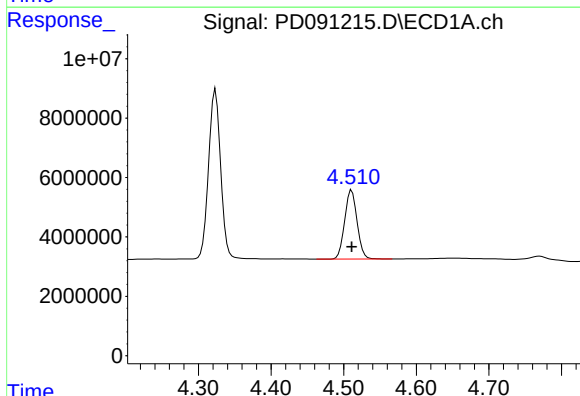
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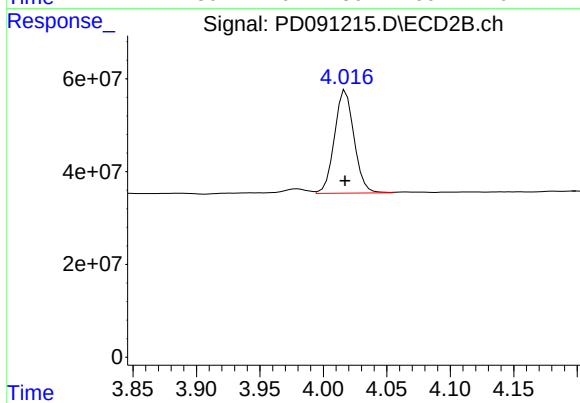
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 564973915
Conc: 9.77 ng/ml



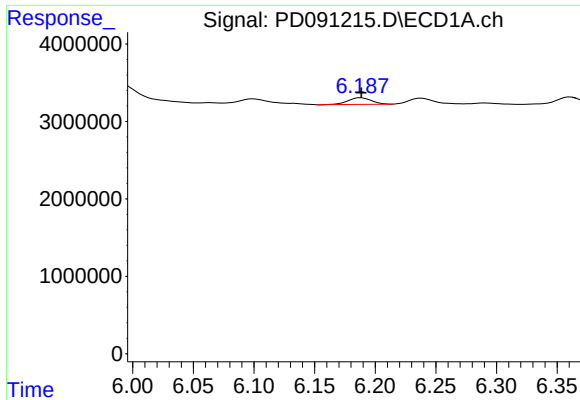
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 27552592
Conc: 9.48 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 238104970
Conc: 9.91 ng/ml



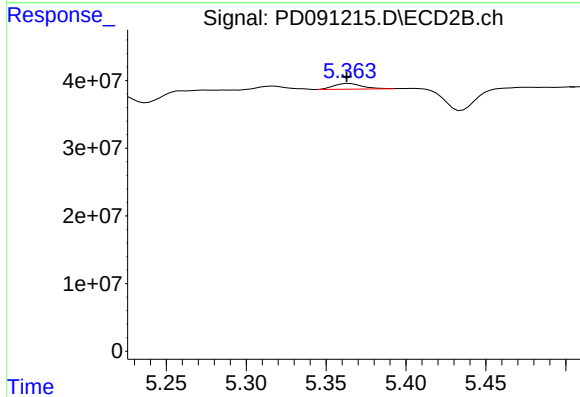
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1127356
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

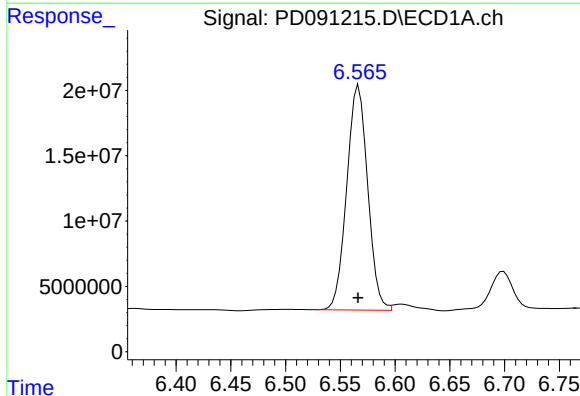
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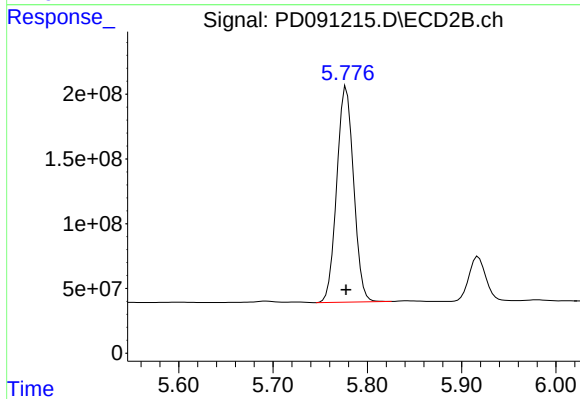
#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 10334469
Conc: 0.19 ng/ml m



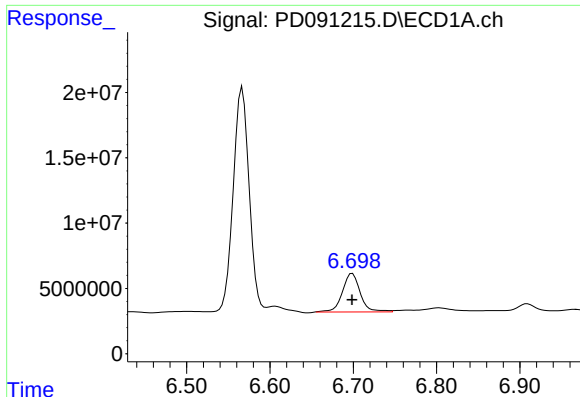
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 228838810
Conc: 46.10 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2069374951
Conc: 45.79 ng/ml



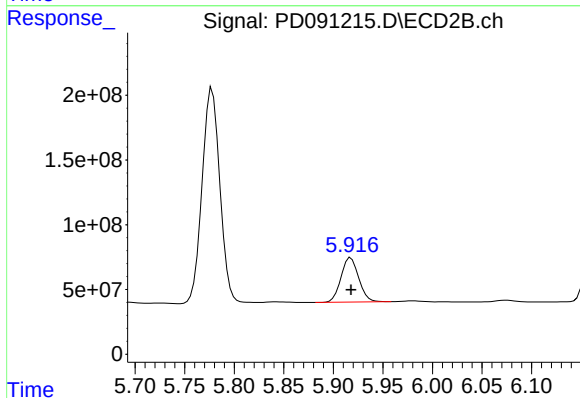
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 43689853
Conc: 8.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

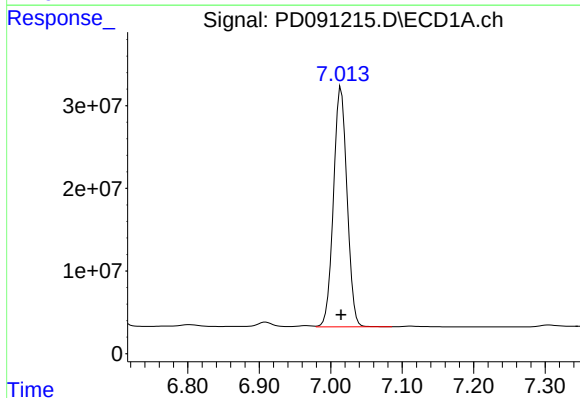
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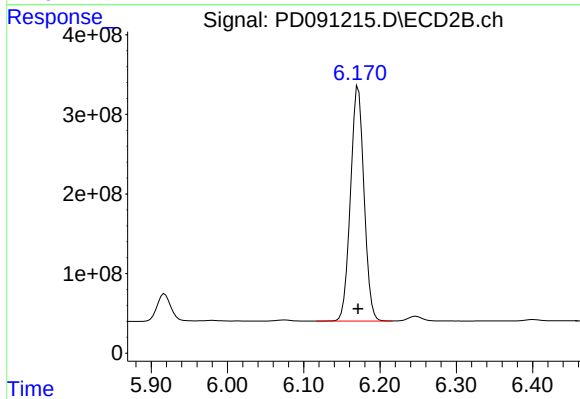
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 424986834
Conc: 8.70 ng/ml



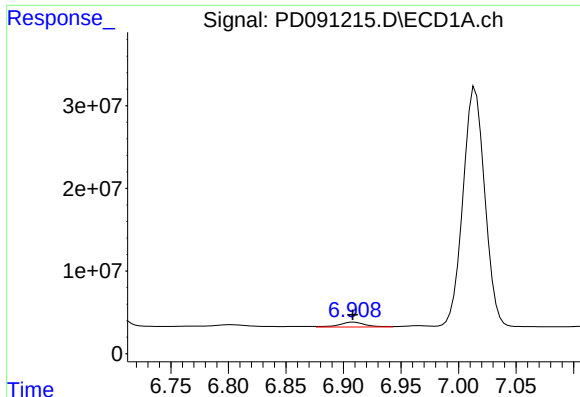
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 382751622
Conc: 92.55 ng/ml



#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 3642911259
Conc: 93.09 ng/ml



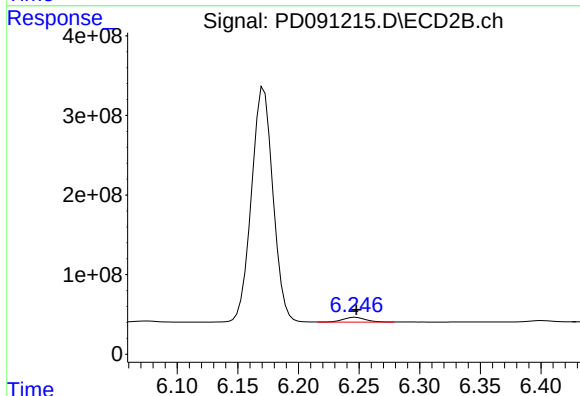
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 9471510
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

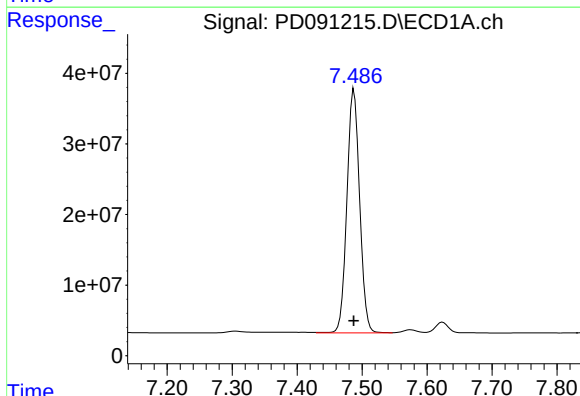
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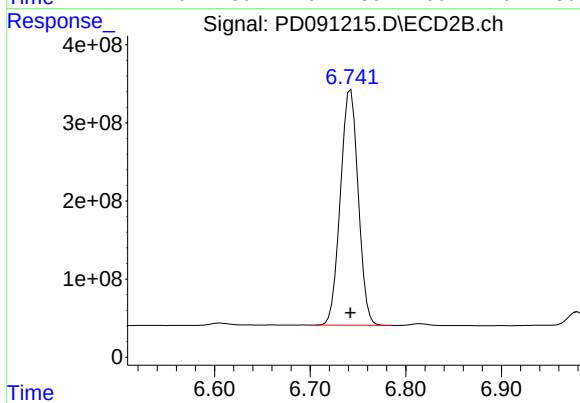
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 76548295
Conc: 2.17 ng/ml



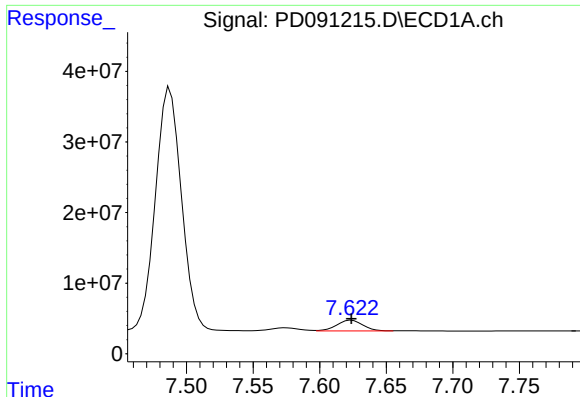
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 470909266
Conc: 216.58 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3916823165
Conc: 195.34 ng/ml



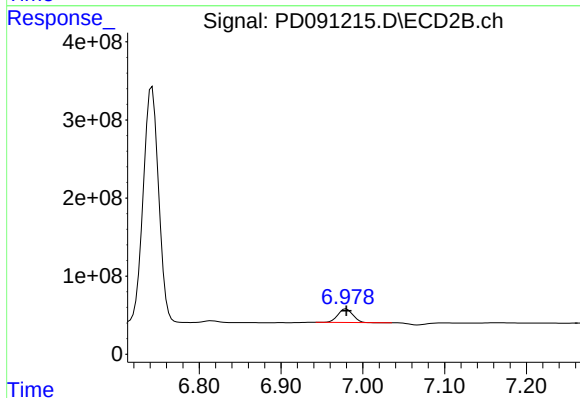
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 20976394
Conc: 3.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

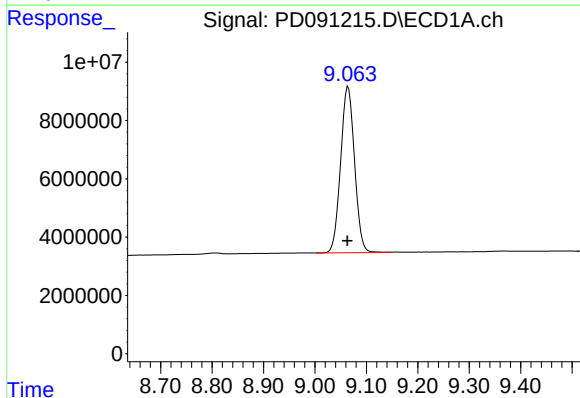
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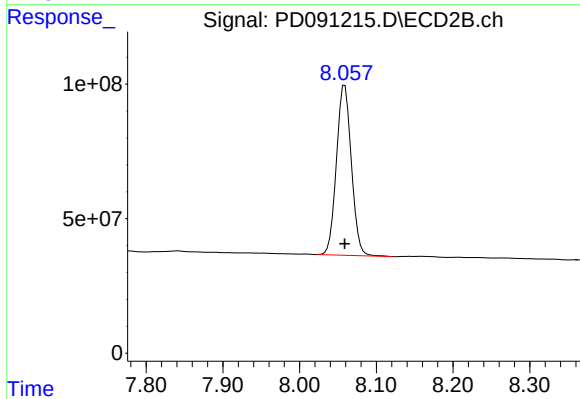
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 221023435
Conc: 4.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 107189796
Conc: 21.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 854531102
Conc: 21.59 ng/ml