

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120924\
 Data File : PD087074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2024 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/10/2024
 Supervised By : Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:43:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.558	2.885	40768164	242.9E6	20.386	21.218
28)	SA Decachlor...	9.088	8.086	61013133	279.9E6	19.180	20.090
Target Compounds							
2)	A alpha-BHC	4.007	3.398	37676047	194.1E6	9.363	11.016
3)	MA gamma-BHC...	4.338	3.735	37031953	179.1E6	9.285	10.663
6)	B beta-BHC	4.522	4.030	16980180	82248840	10.766	11.484
12)	B 4,4'-DDE	6.207	5.384	502853	1565480	0.155m	0.104m#
14)	MA Endrin	6.584	5.798	130.7E6	590.1E6	43.177	42.184
16)	A 4,4'-DDD	6.714	5.939	6679464	38162631	2.569	3.036
17)	MA 4,4'-DDT	7.031	6.194	264.2E6	1128.3E6	93.516	84.616
18)	B Endrin al...	6.924	6.268	4018357	22826777	1.644	2.058 #
20)	A Methoxychlor	7.503	6.766	343.7E6	1176.8E6	214.939	164.057
21)	B Endrin ke...	7.640	7.001	8526376	51703664	2.627	3.431 #

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

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Acq On : 09 Dec 2024 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

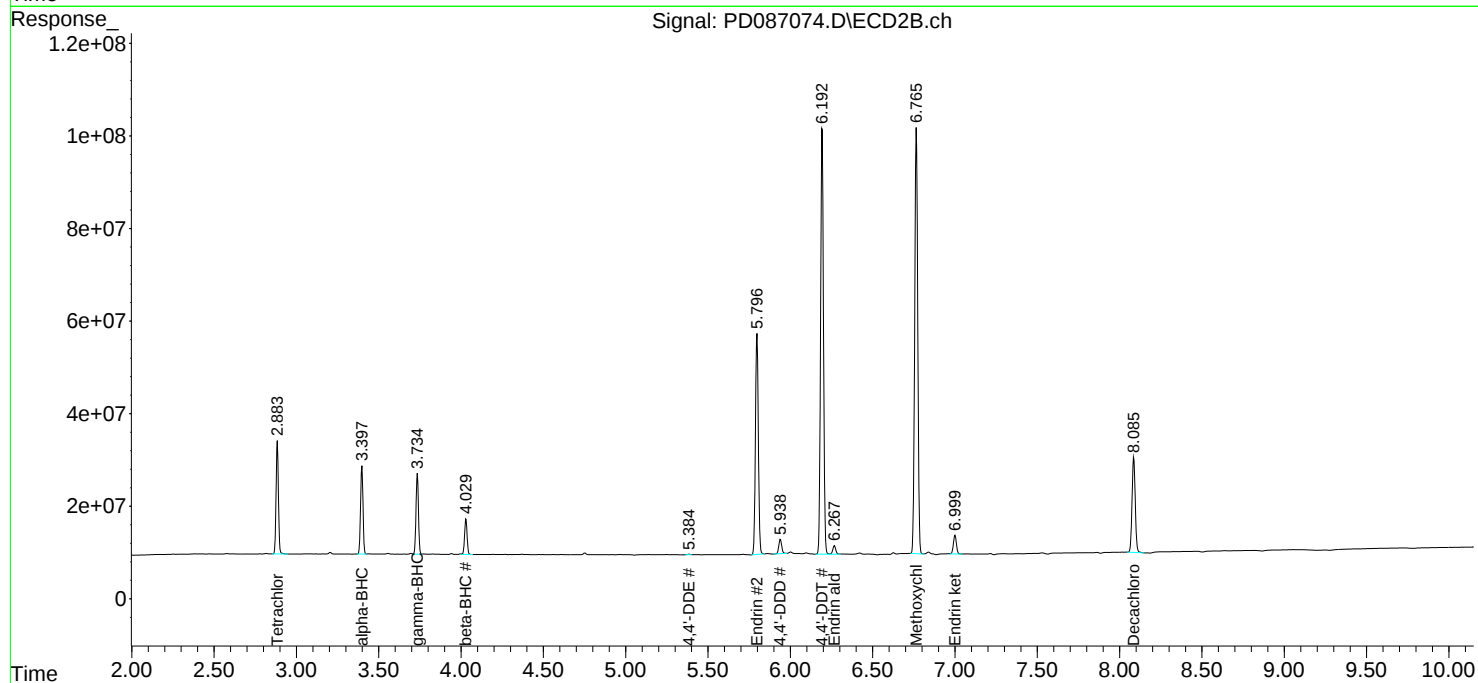
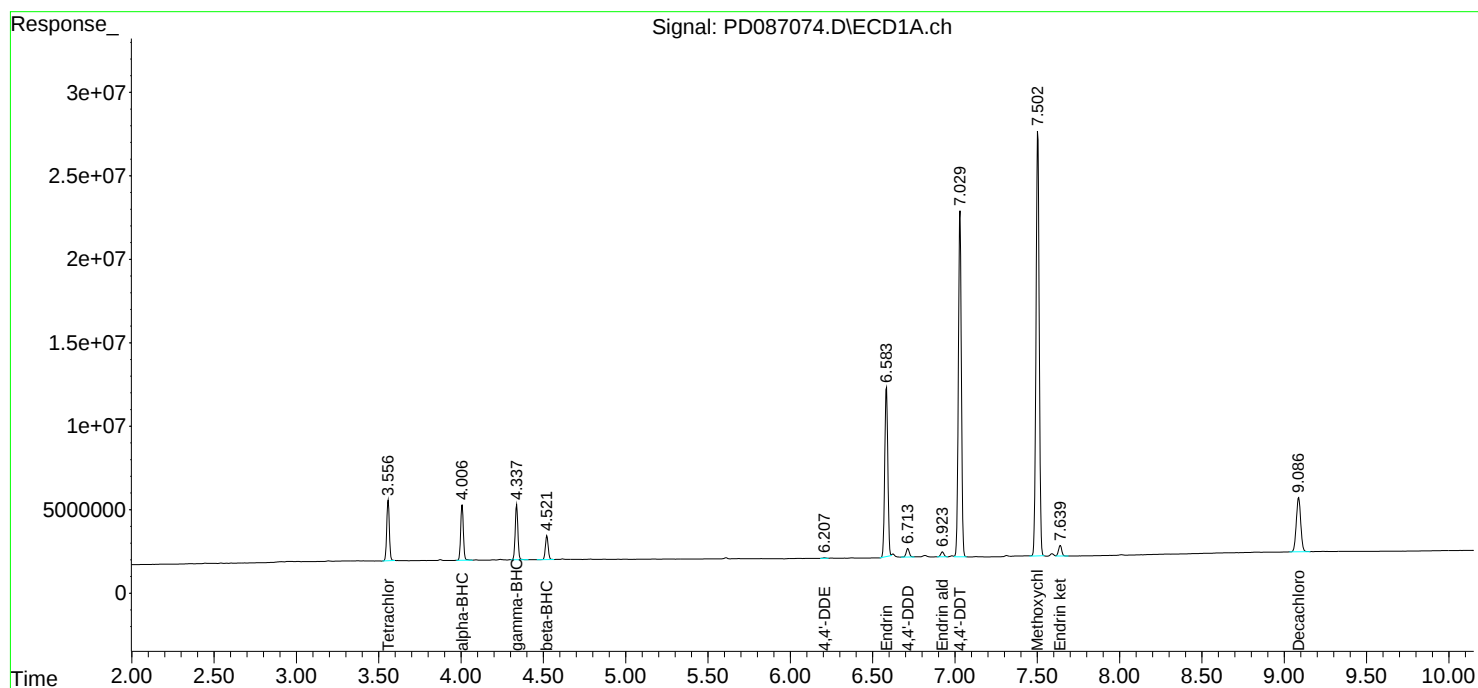
Instrument :
ECD_D
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PEM

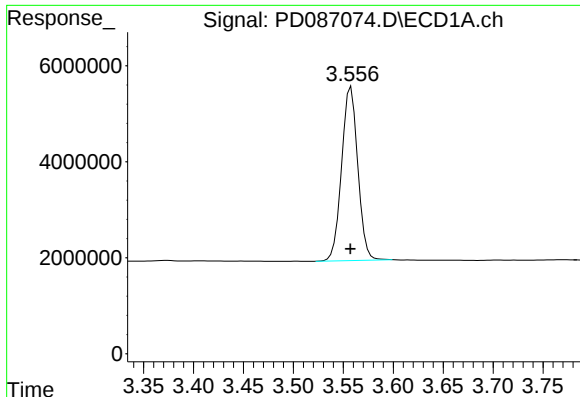
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 40768164
Conc: 20.39 ng/ml

Instrument :

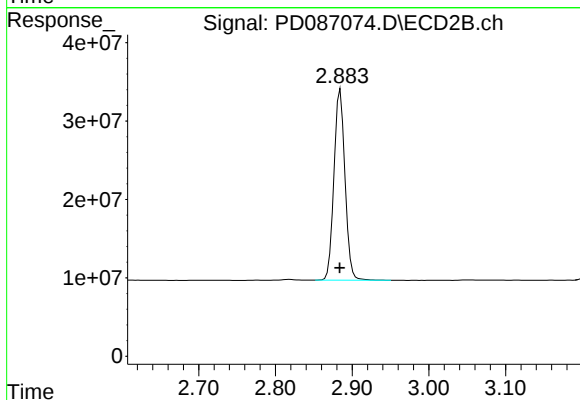
ECD_D

ClientSampleId :

PEM

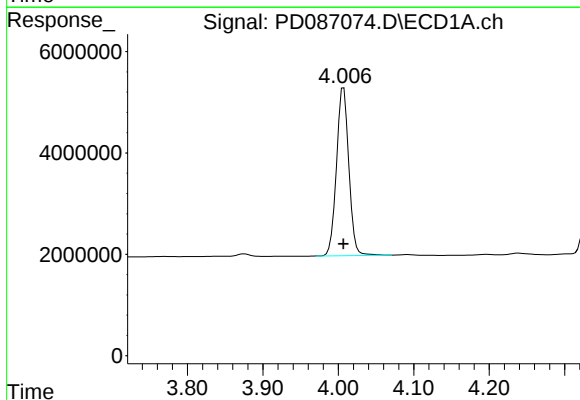
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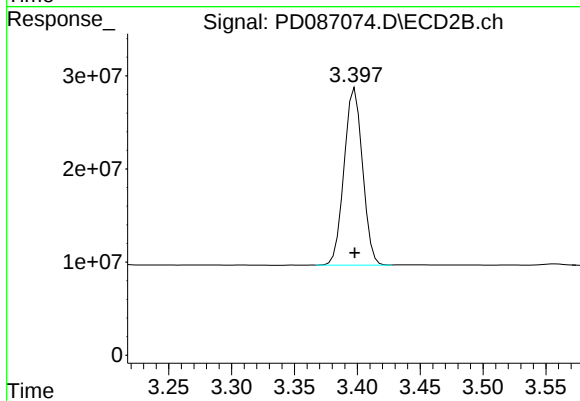
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 242871022
Conc: 21.22 ng/ml



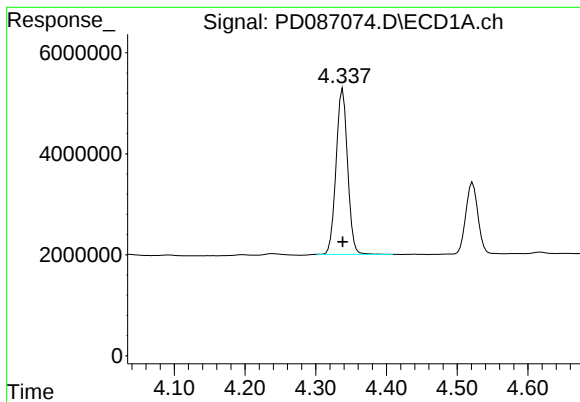
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 37676047
Conc: 9.36 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 194108402
Conc: 11.02 ng/ml



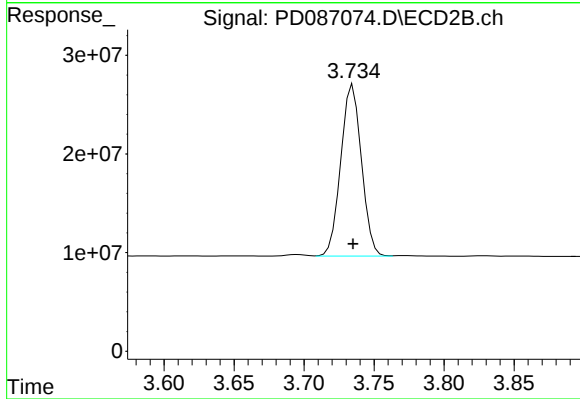
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 37031953
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

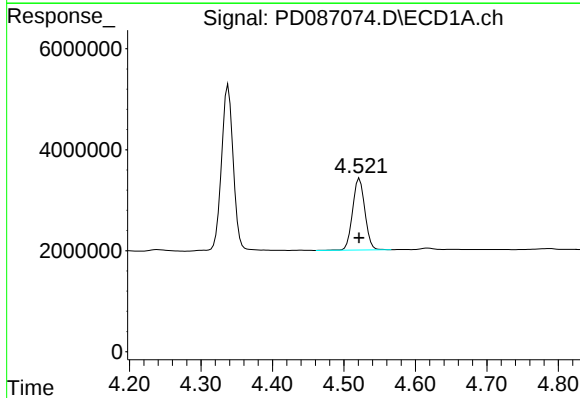
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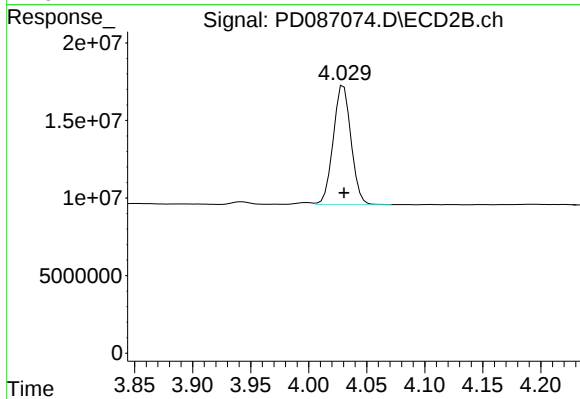
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 179086794
Conc: 10.66 ng/ml



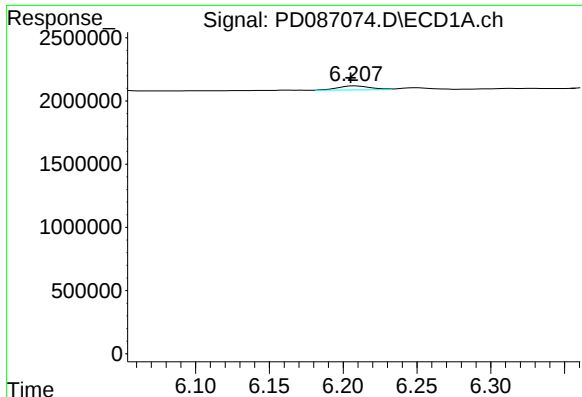
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 16980180
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 82248840
Conc: 11.48 ng/ml



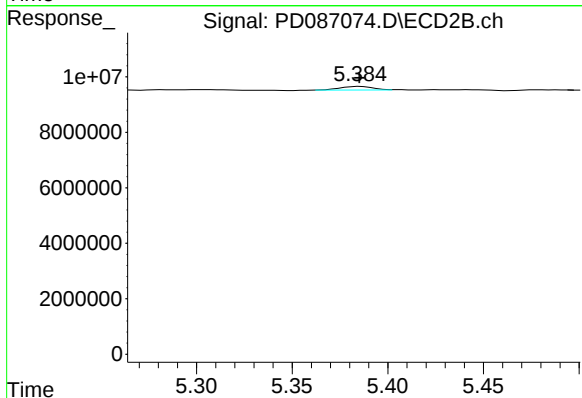
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 502853
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

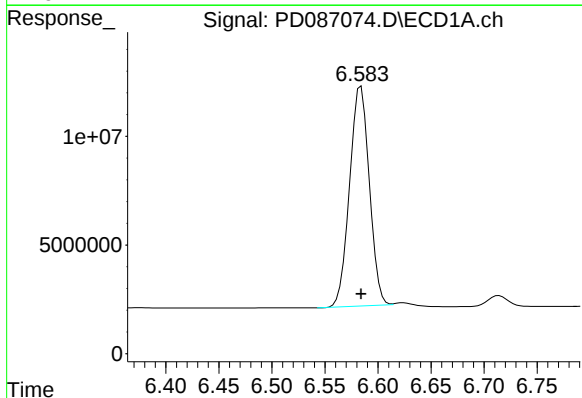
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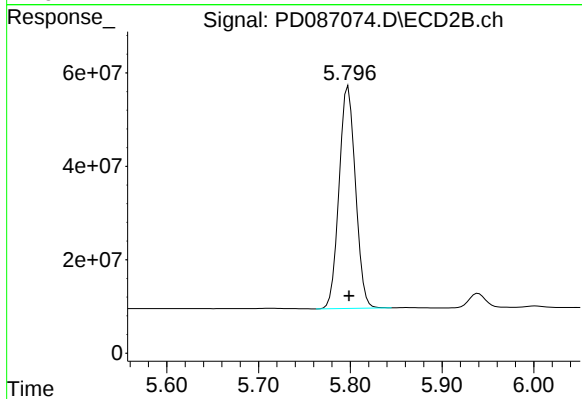
#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 1565480
Conc: 0.10 ng/ml m



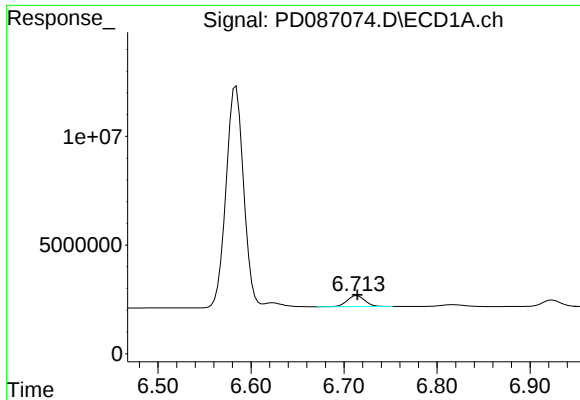
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 130651918
Conc: 43.18 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 590100372
Conc: 42.18 ng/ml



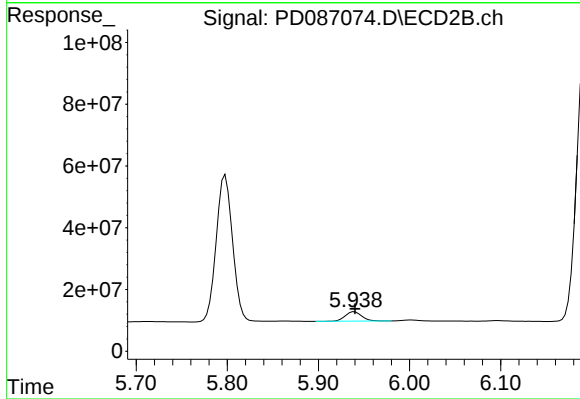
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 6679464
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

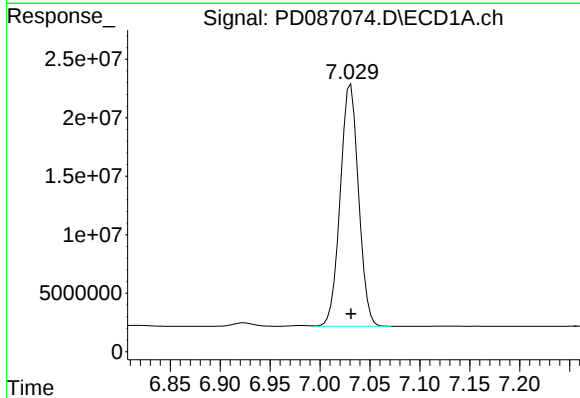
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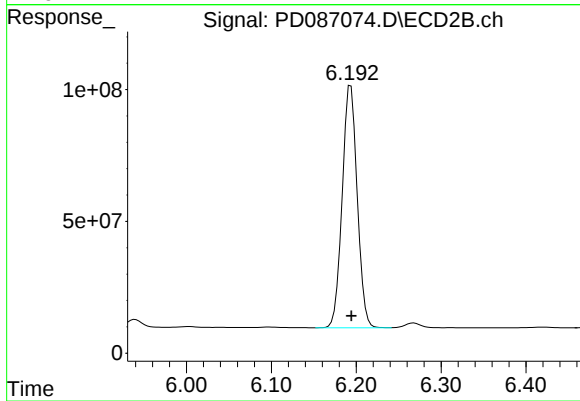
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 38162631
Conc: 3.04 ng/ml



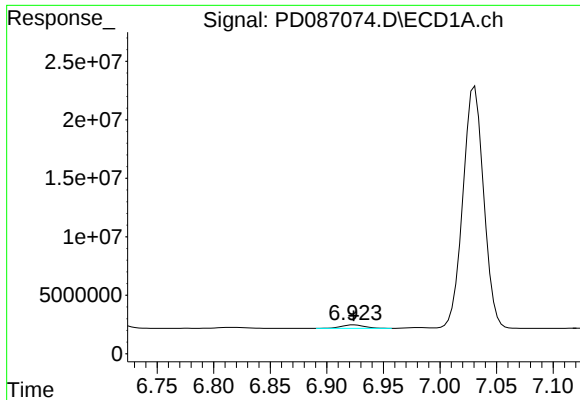
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 264171095
Conc: 93.52 ng/ml



#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 1128262853
Conc: 84.62 ng/ml



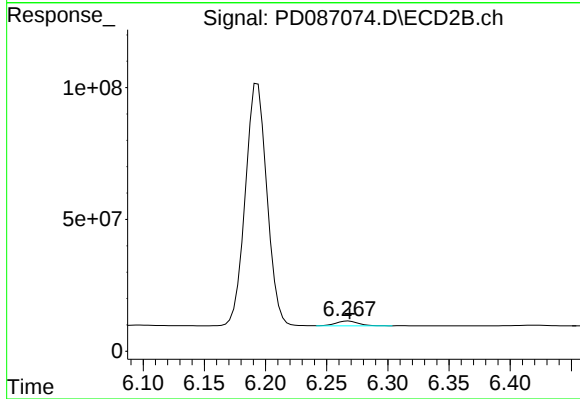
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 4018357
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

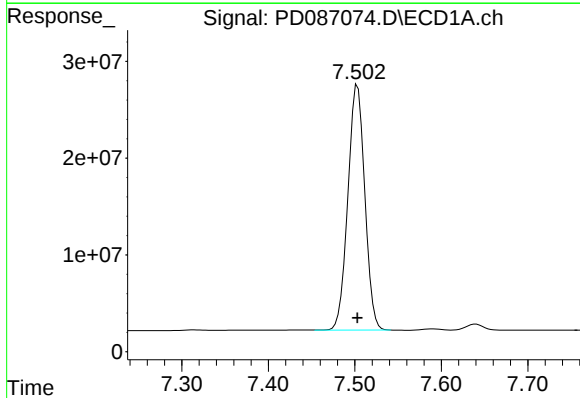
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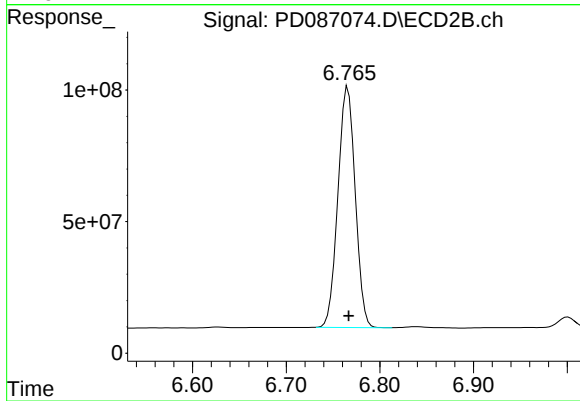
#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 22826777
Conc: 2.06 ng/ml



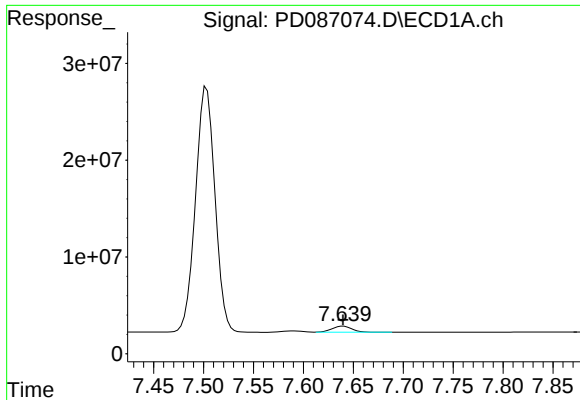
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 343748027
Conc: 214.94 ng/ml



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1176819159
Conc: 164.06 ng/ml



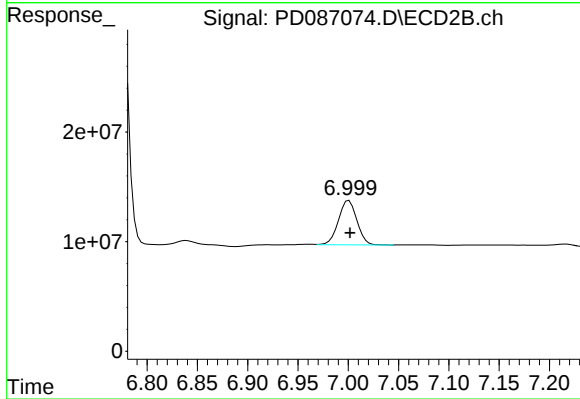
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 8526376
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

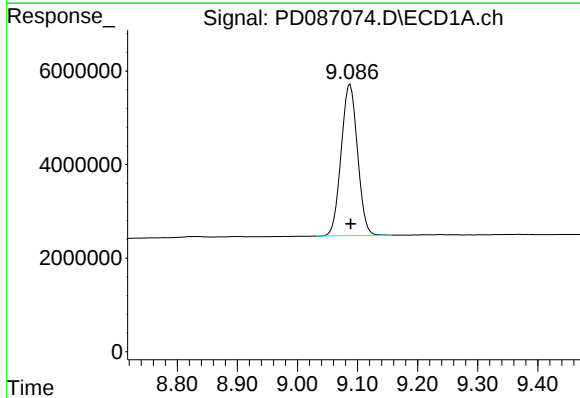
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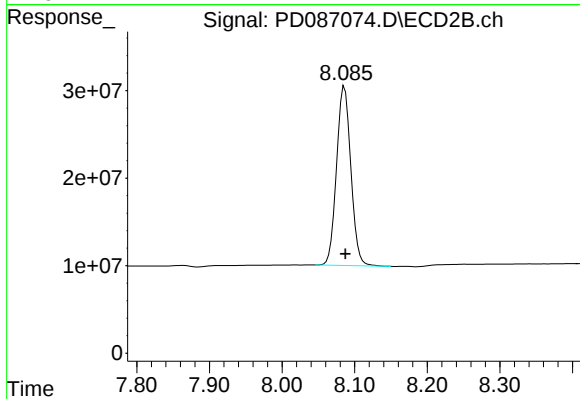
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.001 min
Response: 51703664
Conc: 3.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 61013133
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.001 min
Response: 279905574
Conc: 20.09 ng/ml