

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 11:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 14:15:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 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...	3.567	2.800	28983009	47395493	19.230	18.854
28)	SA Decachlor...	9.113	7.943	40171382	54659254	19.846	19.390
Target Compounds							
2)	A alpha-BHC	4.024	3.303	23886607	36573131	9.509	9.565
3)	MA gamma-BHC...	4.357	3.632	22925839	34504140	9.677	9.495
6)	B beta-BHC	4.551	3.927	10776896	16859506	10.769	10.921
12)	B 4,4'-DDE	6.226	5.262	221483	602981	0.110m	0.200m#
14)	MA Endrin	6.612	5.666	81817779	129.8E6	45.117	46.180
16)	A 4,4'-DDD	6.745	5.814	899745	1443661	0.537	0.561
17)	MA 4,4'-DDT	7.059	6.064	172.3E6	260.5E6	96.841	102.523
18)	B Endrin al...	6.960	6.139	2372548	4821050	1.656	2.348 #
20)	A Methoxychlor	7.533	6.639	224.3E6	335.5E6	226.929	229.426
21)	B Endrin ke...	7.682	6.866	5507827	9184333	2.660	2.939

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

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Acq On : 06 Dec 2023 11:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

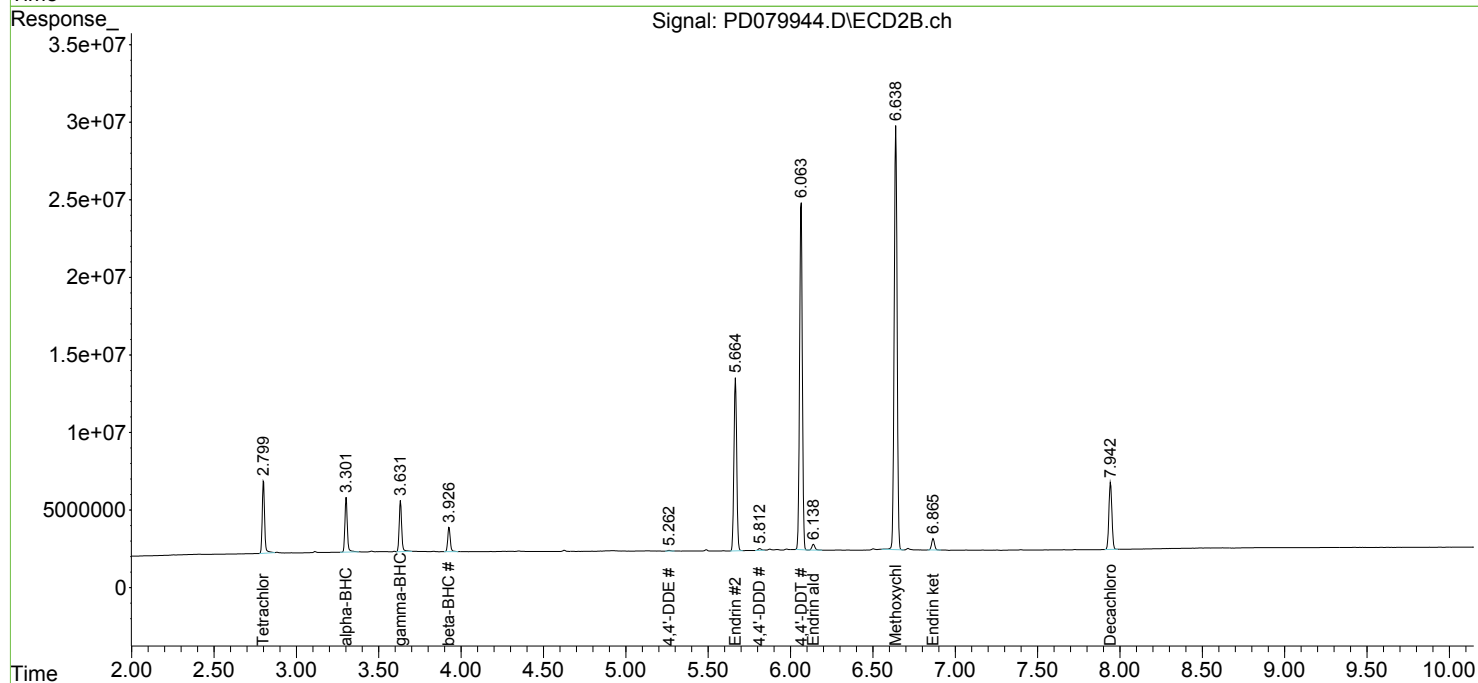
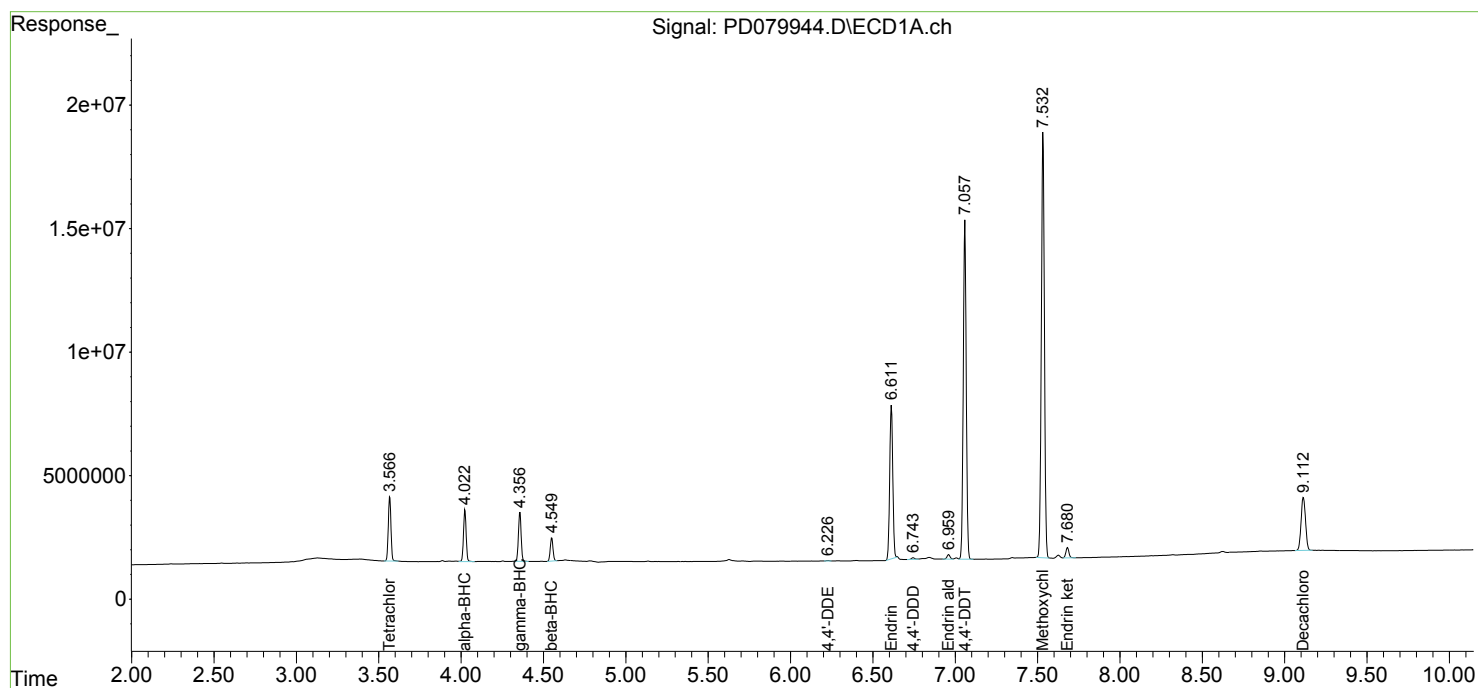
Instrument :
ECD_D
ClientSampleId :
PEM

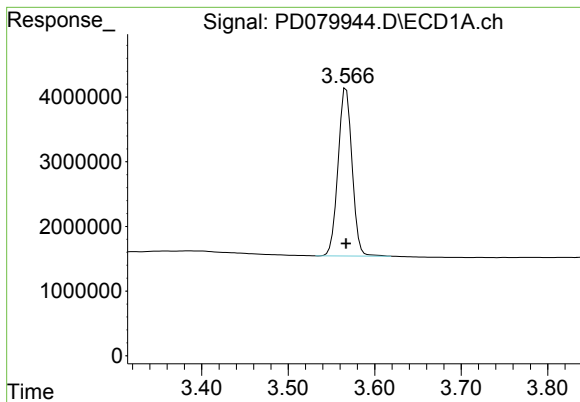
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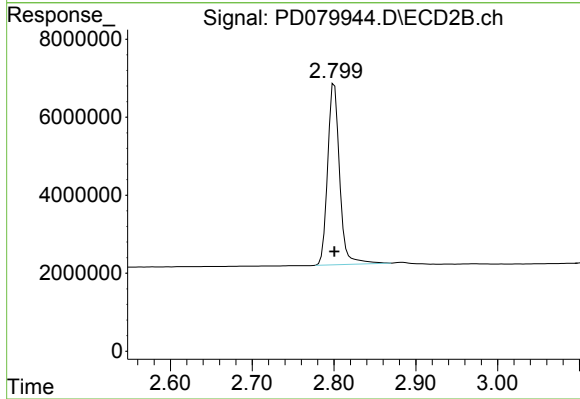
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 28983009
Conc: 19.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

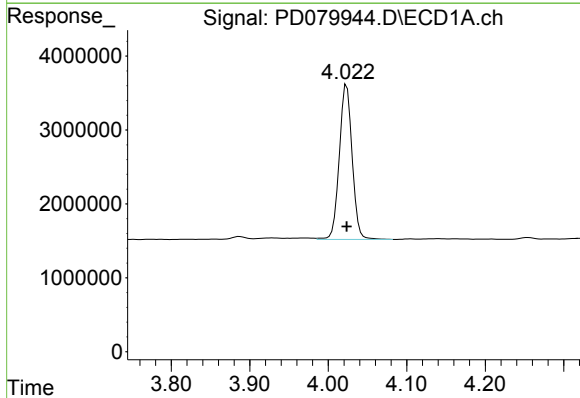
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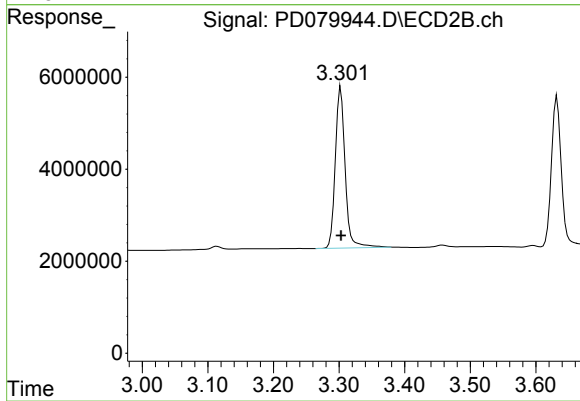
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 47395493
Conc: 18.85 ng/ml



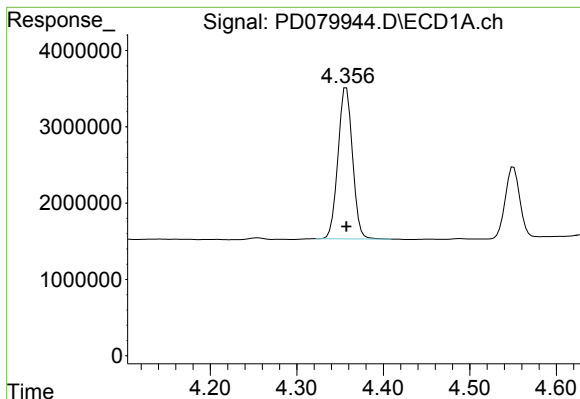
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 23886607
Conc: 9.51 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 36573131
Conc: 9.56 ng/ml



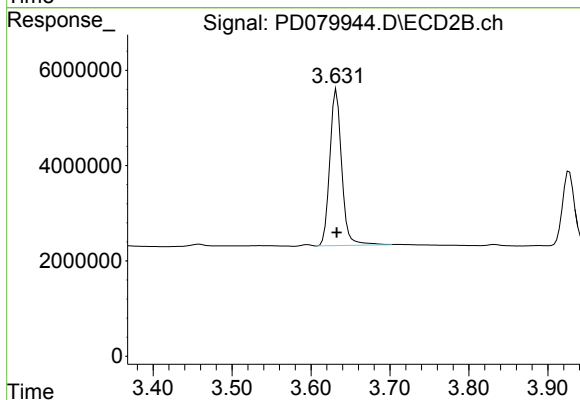
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 22925839
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

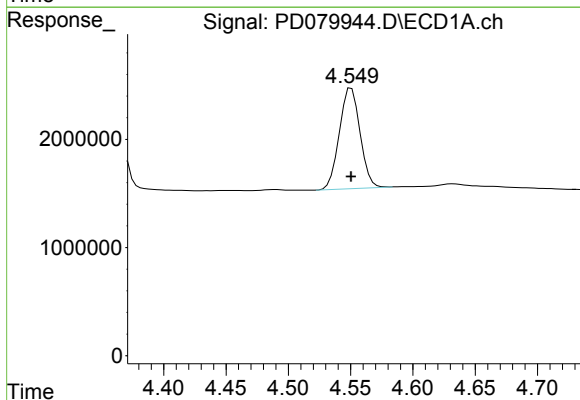
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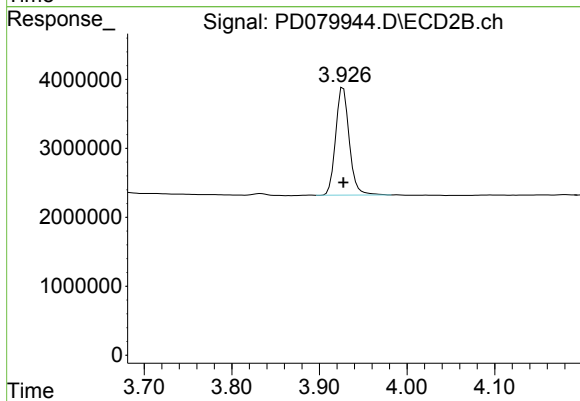
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 34504140
Conc: 9.49 ng/ml



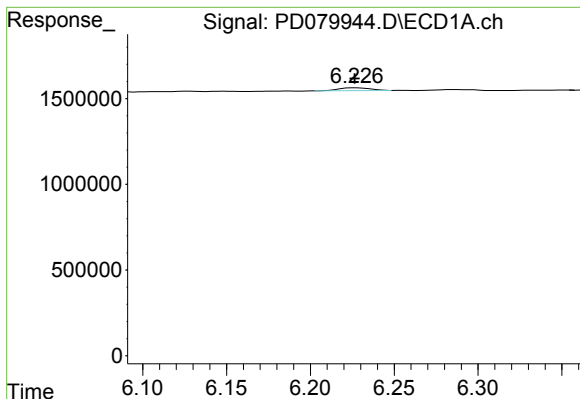
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 10776896
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 16859506
Conc: 10.92 ng/ml



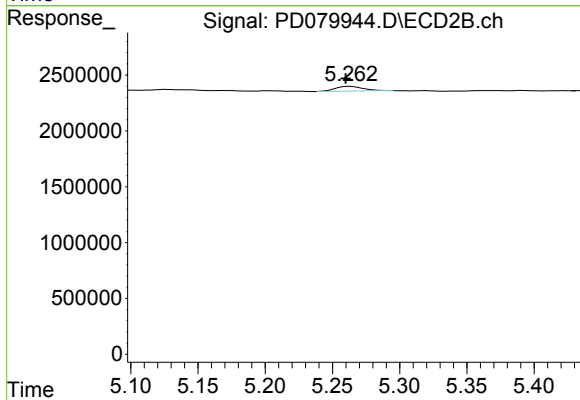
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 221483
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

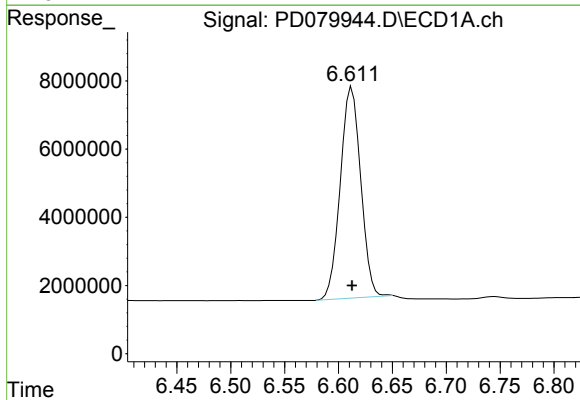
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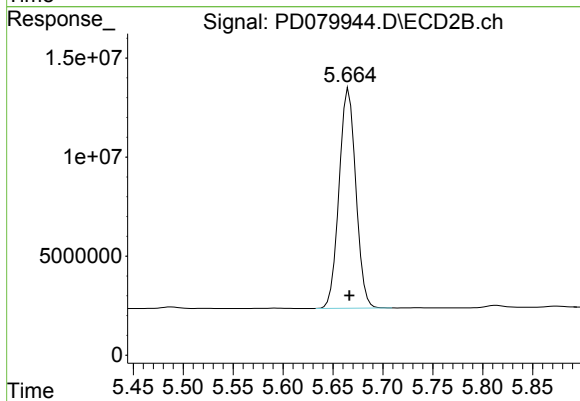
#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.002 min
Response: 602981
Conc: 0.20 ng/ml m



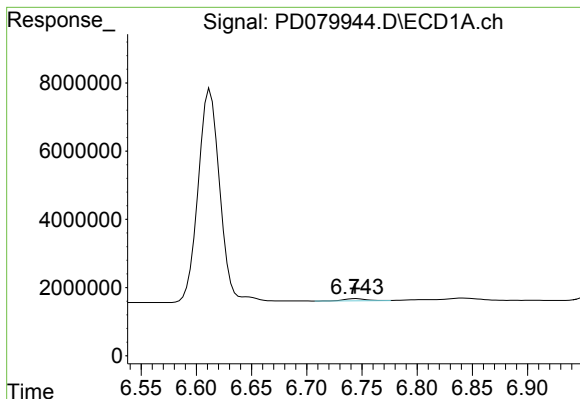
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 81817779
Conc: 45.12 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 129769748
Conc: 46.18 ng/ml



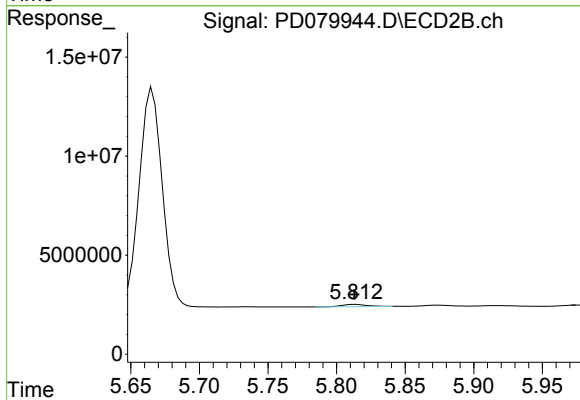
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 899745
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

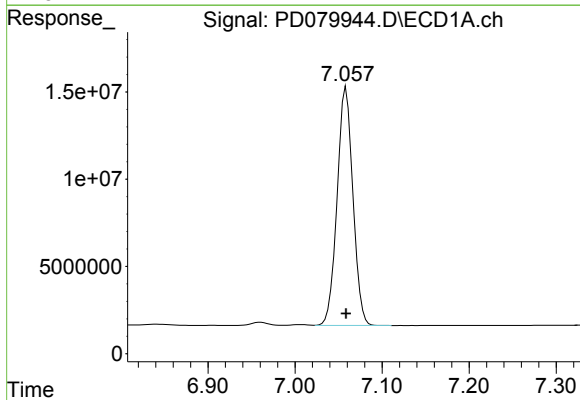
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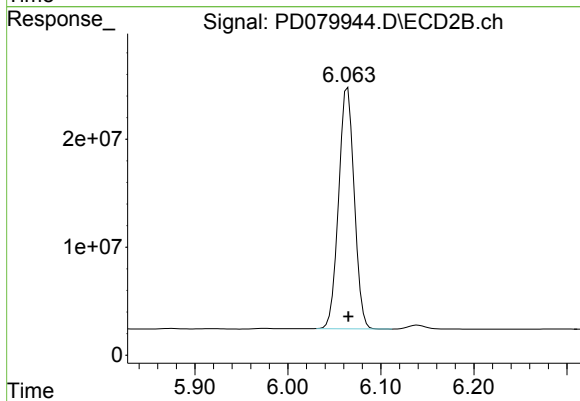
#16 4,4'-DDD

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1443661
Conc: 0.56 ng/ml



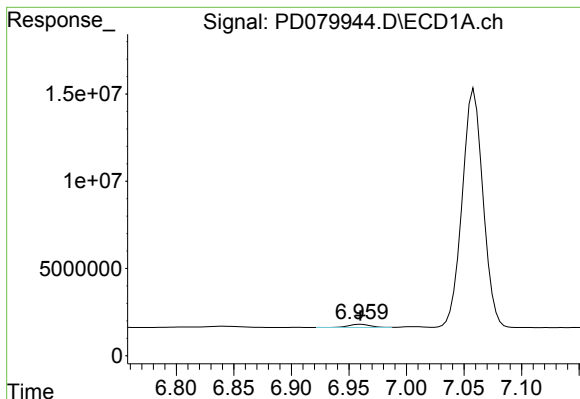
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 172292998
Conc: 96.84 ng/ml



#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 260467337
Conc: 102.52 ng/ml



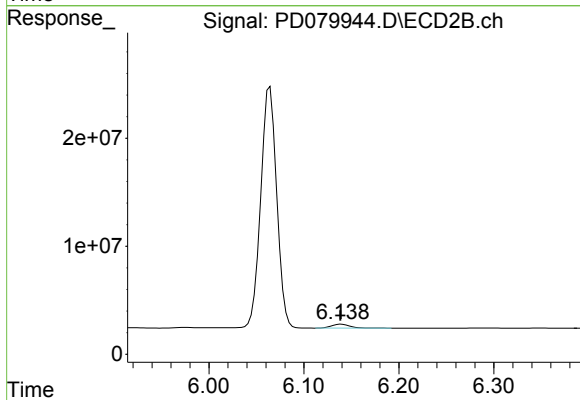
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 2372548
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

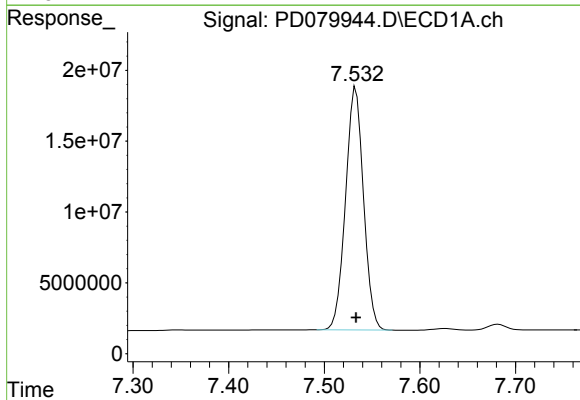
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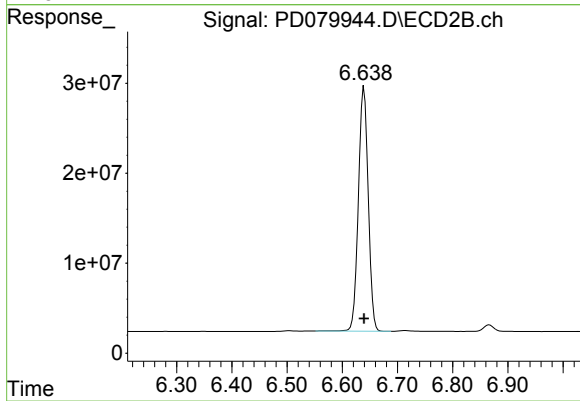
#18 Endrin aldehyde

R.T.: 6.139 min
Delta R.T.: 0.001 min
Response: 4821050
Conc: 2.35 ng/ml



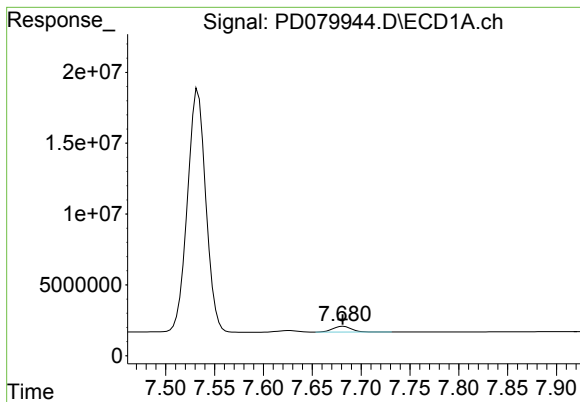
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 224295639
Conc: 226.93 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 335495280
Conc: 229.43 ng/ml



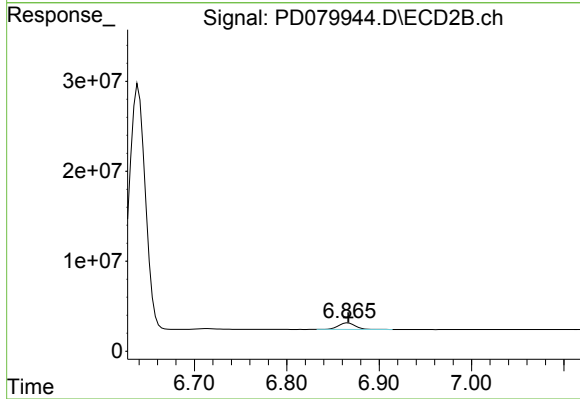
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 5507827
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

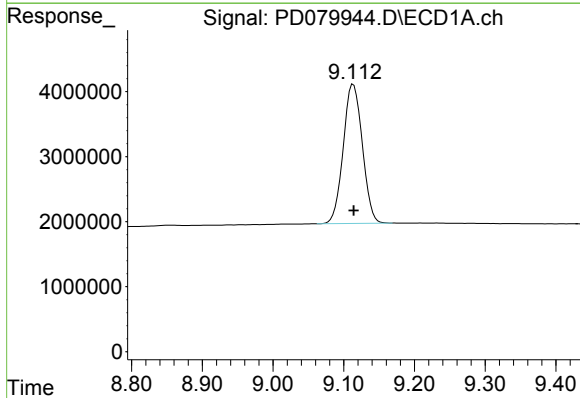
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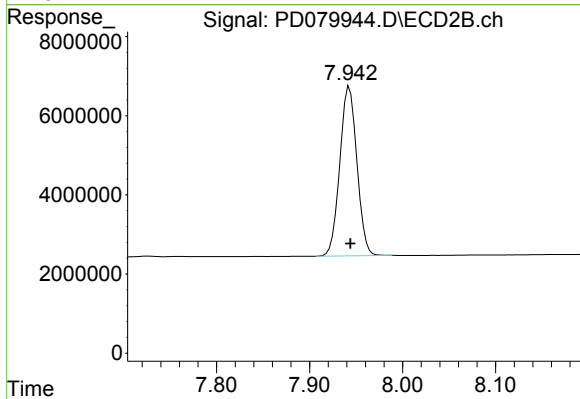
#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 9184333
Conc: 2.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 40171382
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 54659254
Conc: 19.39 ng/ml