

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111621\
 Data File : PD066962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2021 09:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/17/2021
 Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 02:46:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.438	3.967	38356403	190.2E6	20.557	23.507
28)	SA Decachlor...	8.162	9.025	22700063	119.6E6	19.647	22.200
Target Compounds							
2)	A alpha-BHC	3.874	4.360	29318940	130.2E6	9.590	11.802
3)	MA gamma-BHC...	4.156	4.645	31566163	113.0E6	10.453	11.342
6)	B beta-BHC	4.404	4.822	14172326	58620967	11.346	12.589
12)	B 4,4'-DDE	5.579	6.302	580250	2405668	0.249m	0.305m
14)	MA Endrin	5.970	6.672	107.6E6	354.5E6	51.425	51.501
16)	A 4,4'-DDD	6.095	6.798	1668252	7752255	0.890	1.141 #
17)	MA 4,4'-DDT	6.335	7.095	205.0E6	649.0E6	106.573	89.477
18)	B Endrin al...	6.411	7.010	2772415	7450678	1.794	1.310 #
20)	A Methoxychlor	6.882	7.558	235.4E6	767.3E6	227.974	188.343
21)	B Endrin ke...	7.114	7.707	6370748	22076045	2.920	2.625

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

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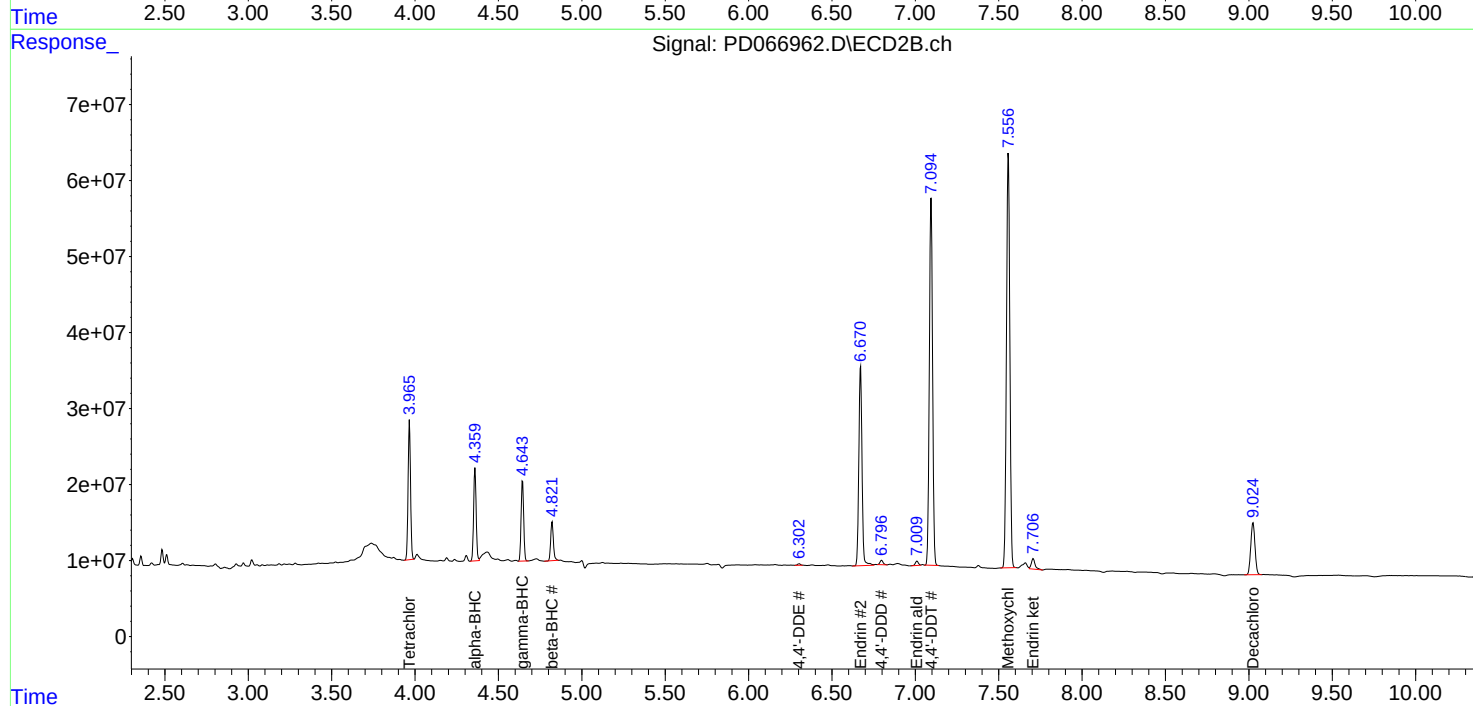
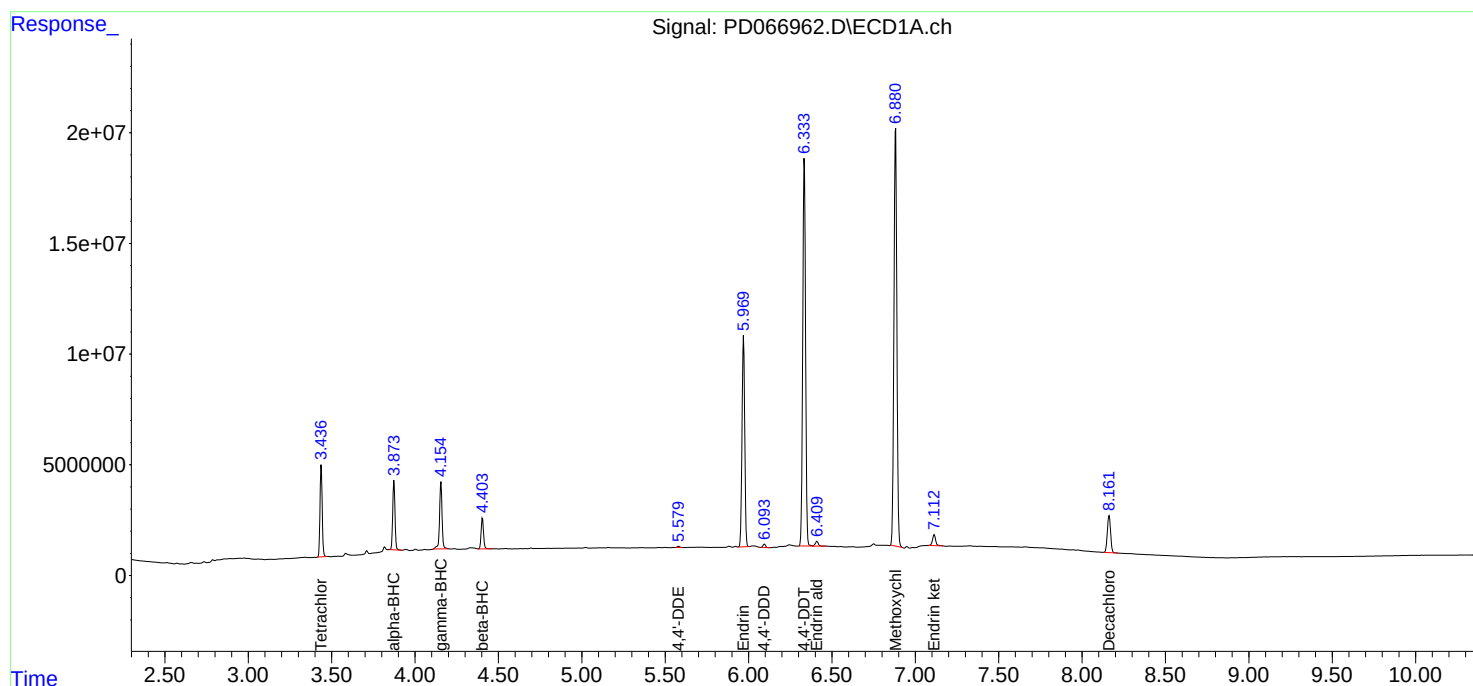
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ECD_D
ClientSampleId :
PEM

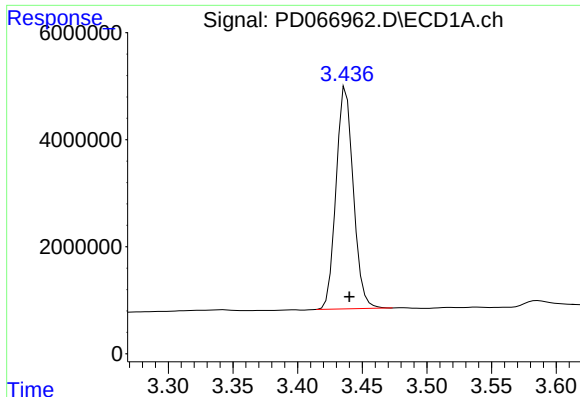
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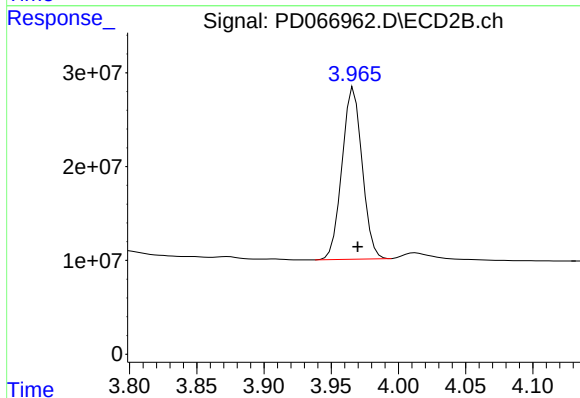
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 38356403
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

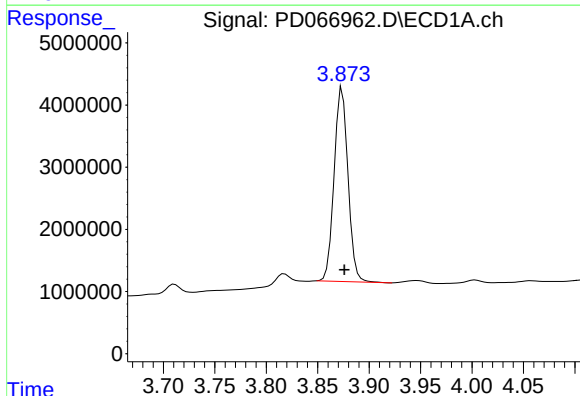
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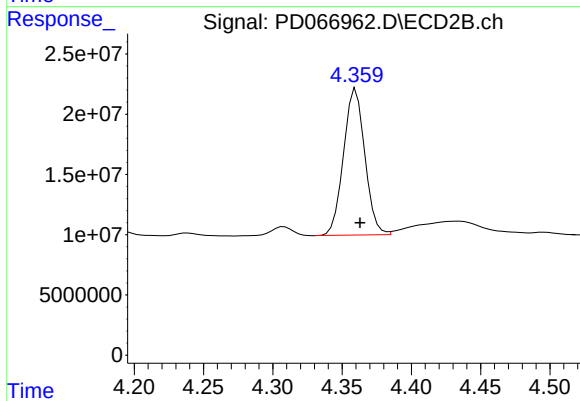
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 190221505
Conc: 23.51 ng/ml



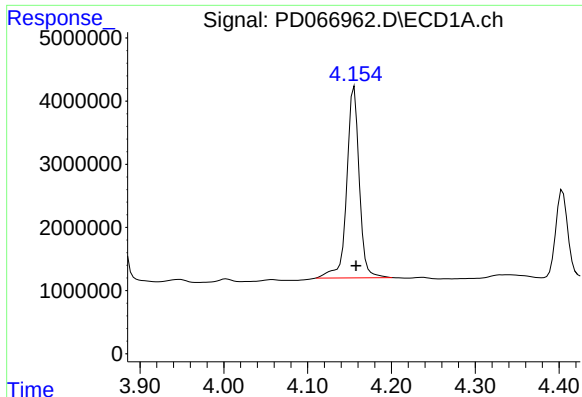
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 29318940
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 130212015
Conc: 11.80 ng/ml



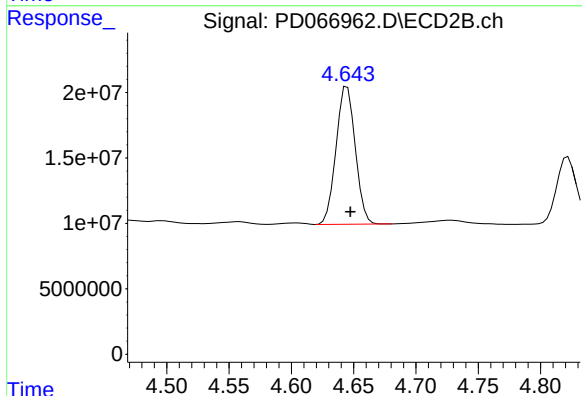
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 31566163
Conc: 10.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

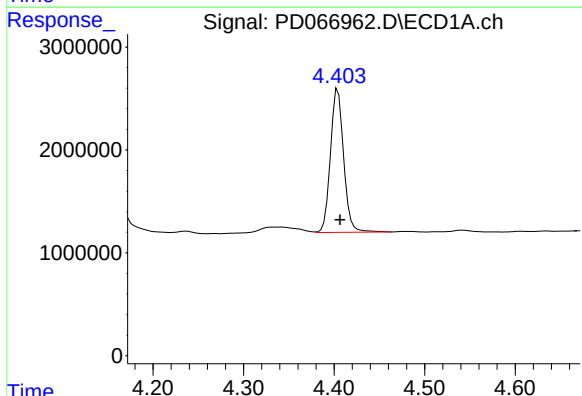
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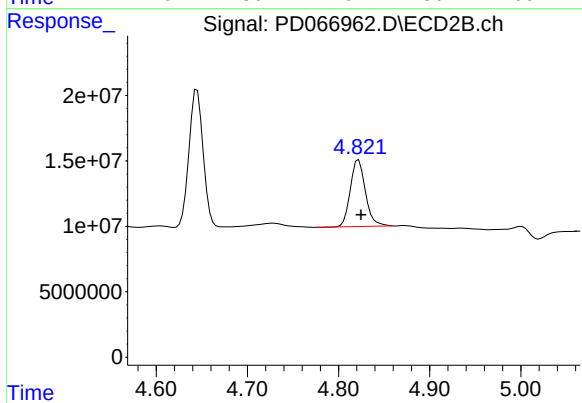
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: -0.003 min
Response: 113026134
Conc: 11.34 ng/ml



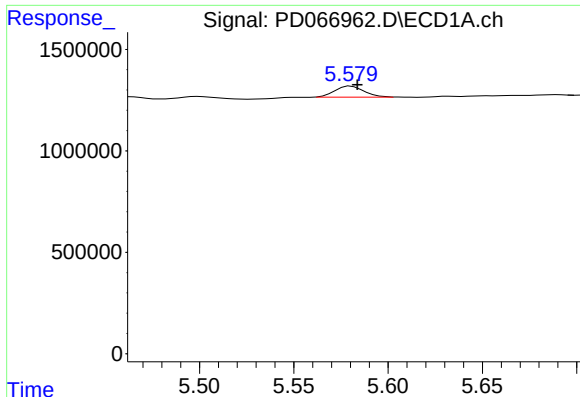
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.002 min
Response: 14172326
Conc: 11.35 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.003 min
Response: 58620967
Conc: 12.59 ng/ml



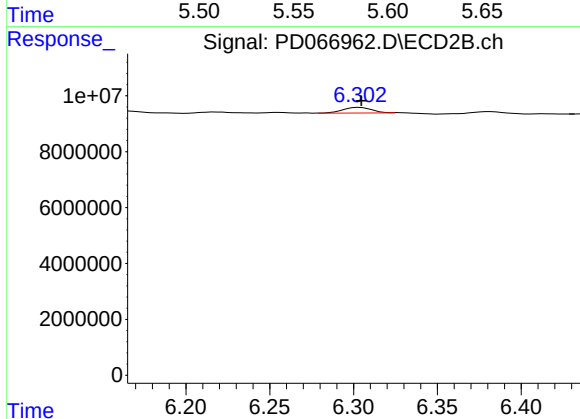
#12 4,4'-DDE

R.T.: 5.579 min
Delta R.T.: -0.005 min
Response: 580250
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

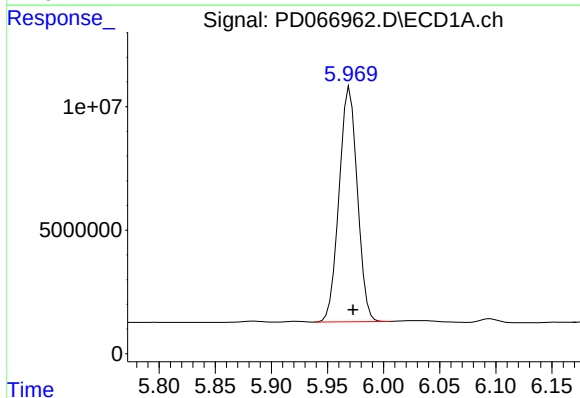
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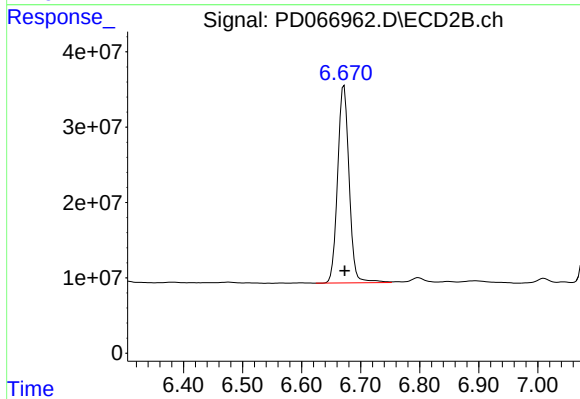
#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 2405668
Conc: 0.31 ng/ml m



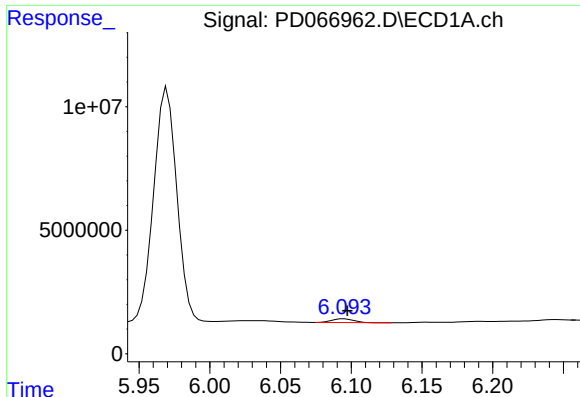
#14 Endrin

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 107623070
Conc: 51.42 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 354460148
Conc: 51.50 ng/ml



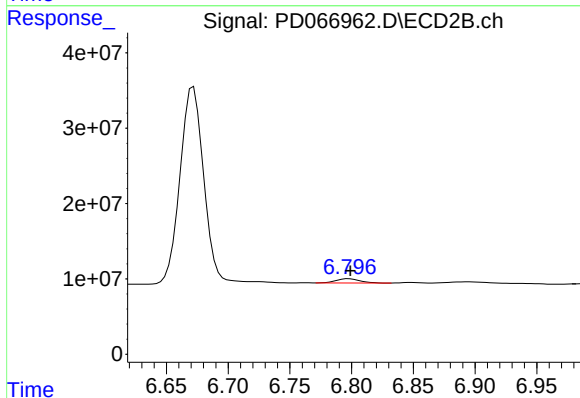
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 1668252
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

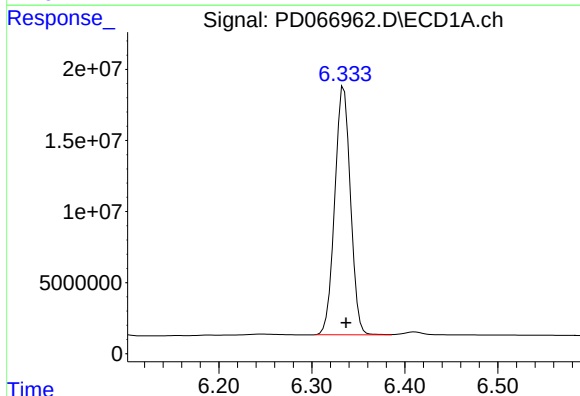
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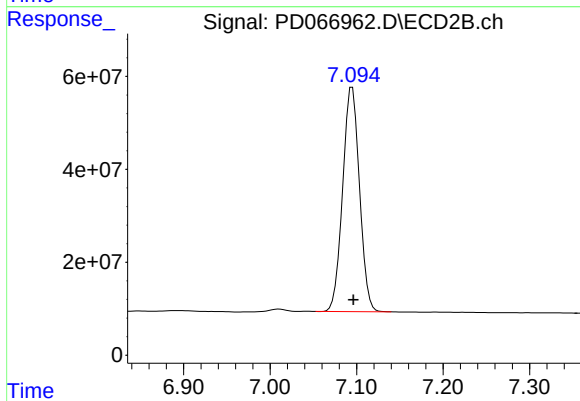
#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 7752255
Conc: 1.14 ng/ml



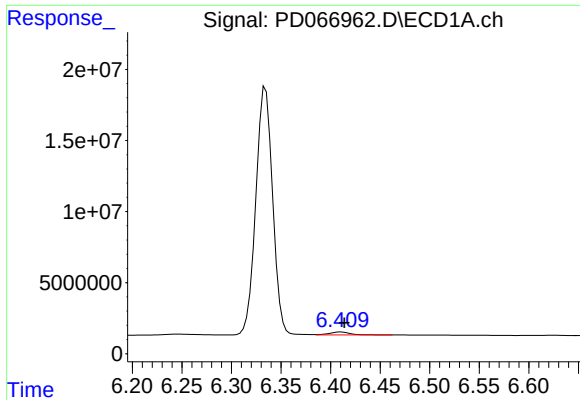
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 204989347
Conc: 106.57 ng/ml



#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.001 min
Response: 648978886
Conc: 89.48 ng/ml



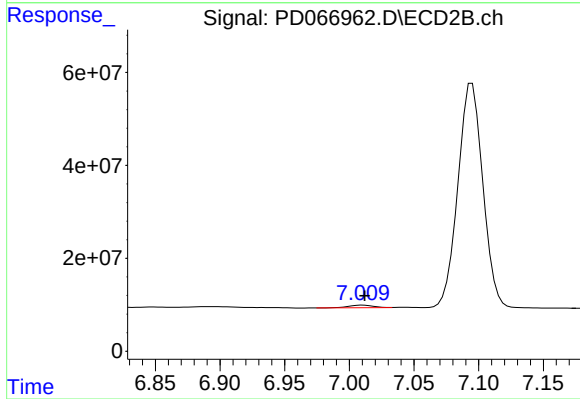
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2772415
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

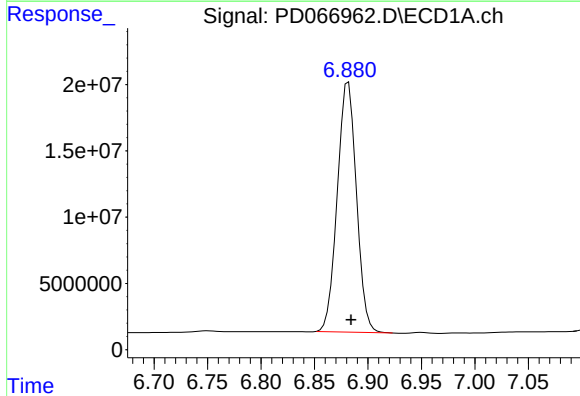
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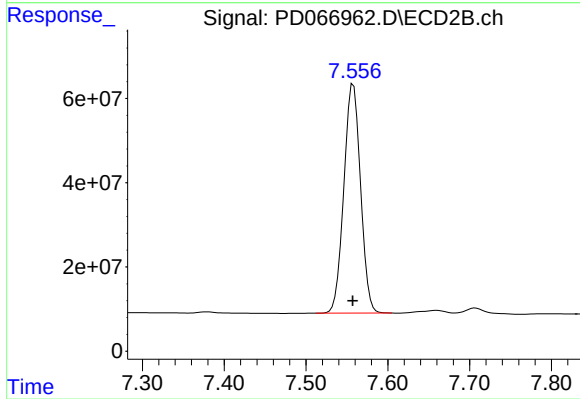
#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 7450678
Conc: 1.31 ng/ml



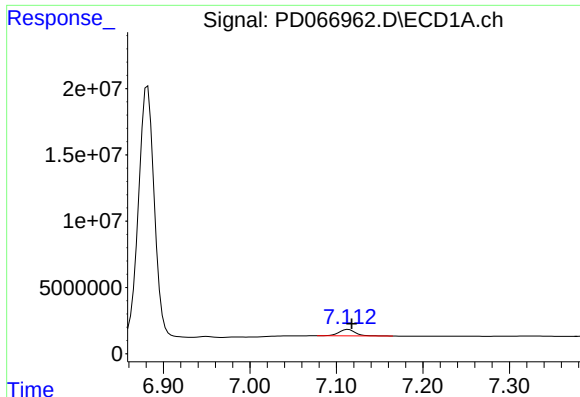
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 235427797
Conc: 227.97 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 767264792
Conc: 188.34 ng/ml



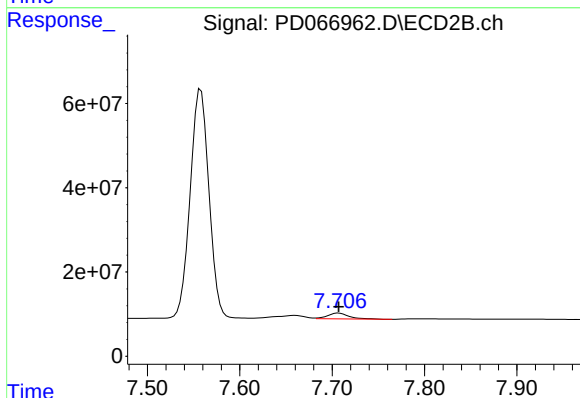
#21 Endrin ketone

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 6370748
Conc: 2.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

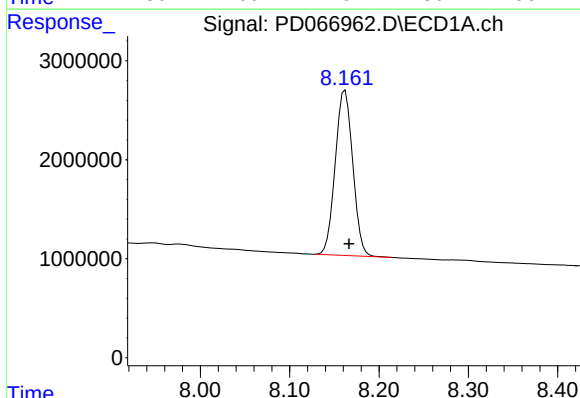
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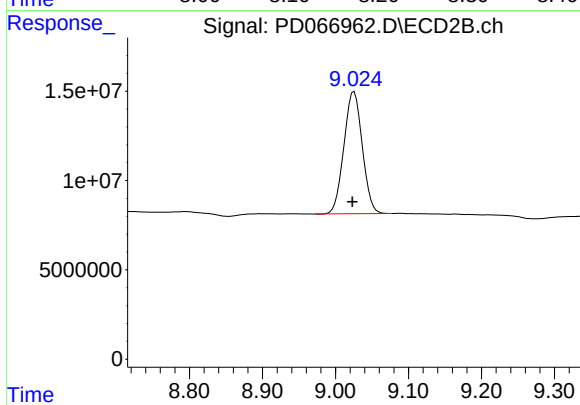
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 22076045
Conc: 2.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.162 min
Delta R.T.: -0.004 min
Response: 22700063
Conc: 19.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 119577534
Conc: 22.20 ng/ml