

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020923\
 Data File : PD073877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2023
 Supervised By : Ankita Jodhani 02/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:27:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.554	2.776	50044965	26113771	21.410	20.512
28)	SA Decachlor...	9.100	7.931	53743373	23886319	19.071	20.530
Target Compounds							
2)	A alpha-BHC	4.011	3.279	39639482	18560145	9.980	10.893
3)	MA gamma-BHC...	4.344	3.610	38006637	17393699	10.352	11.564
6)	B beta-BHC	4.538	3.905	18143269	8451190	11.695	12.752
12)	B 4,4'-DDE	6.213	5.244	381164	263662	0.126m	0.198 #
14)	MA Endrin	6.601	5.648	128.3E6	61385107	47.316	55.201
16)	A 4,4'-DDD	6.733	5.797	4988922	3199482	2.023	3.105 #
17)	MA 4,4'-DDT	7.049	6.048	277.3E6	118.7E6	99.603	115.267
18)	B Endrin al...	6.947	6.123	3662505	2834897	1.688m	3.214 #
20)	A Methoxychlor	7.524	6.624	366.5E6	142.3E6	236.560	271.830
21)	B Endrin ke...	7.670	6.851	8032074	5302223	2.656	4.138 #

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

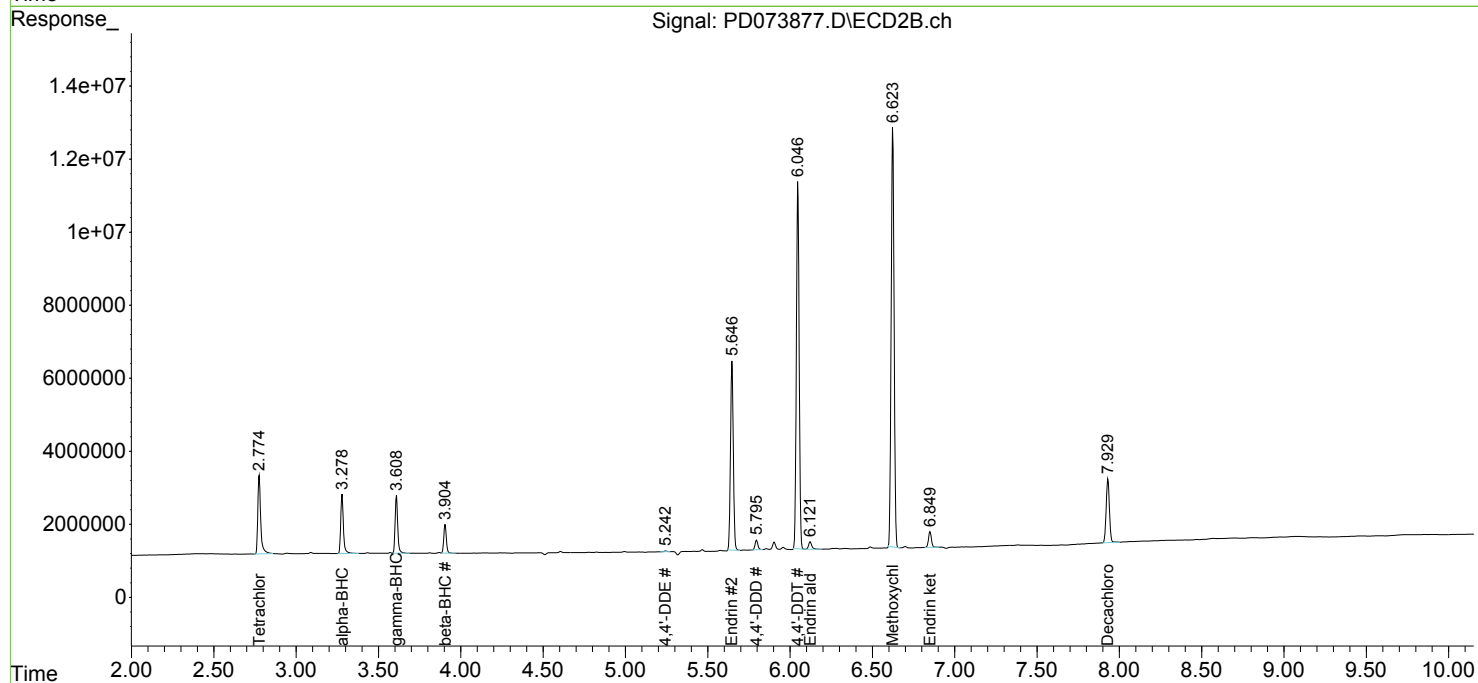
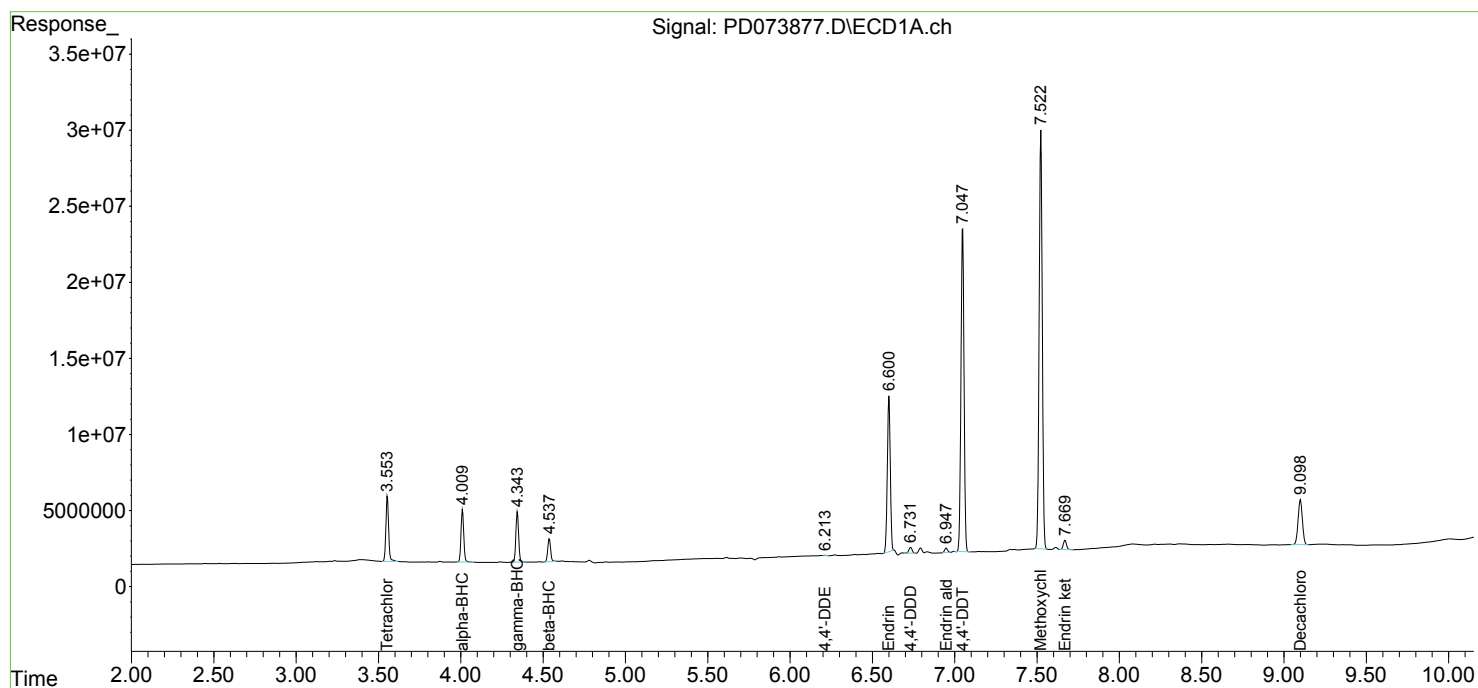
Instrument :
ECD_D
ClientSampleId :
PEM

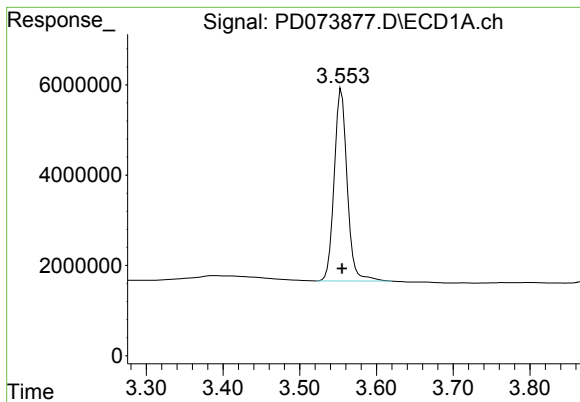
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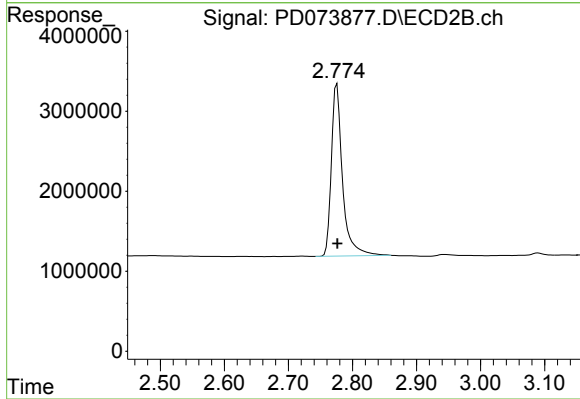
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 50044965
Conc: 21.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

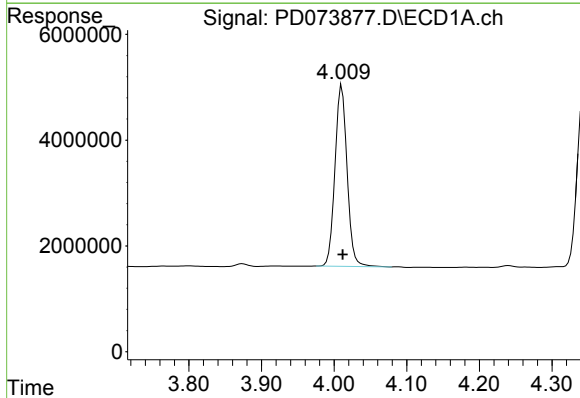
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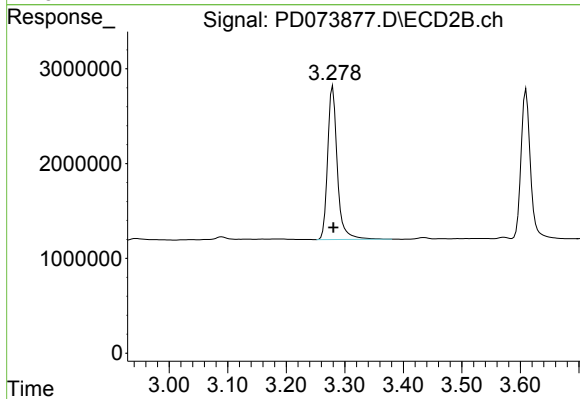
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 26113771
Conc: 20.51 ng/ml



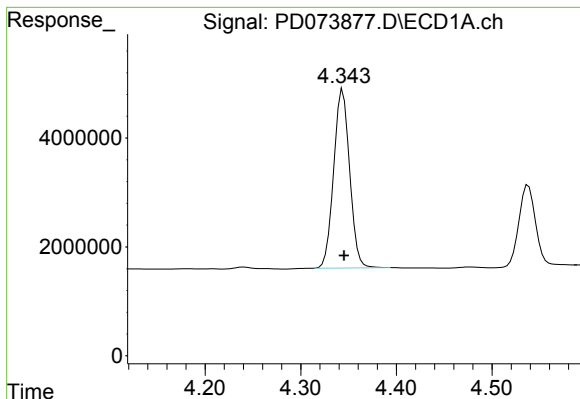
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 39639482
Conc: 9.98 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 18560145
Conc: 10.89 ng/ml



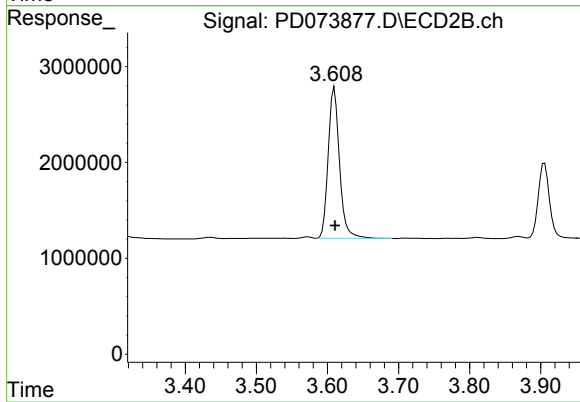
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 38006637
Conc: 10.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

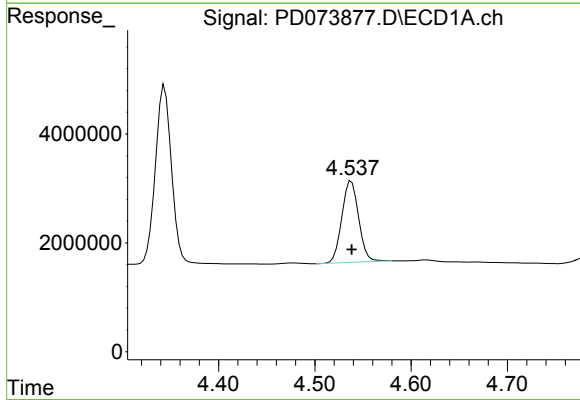
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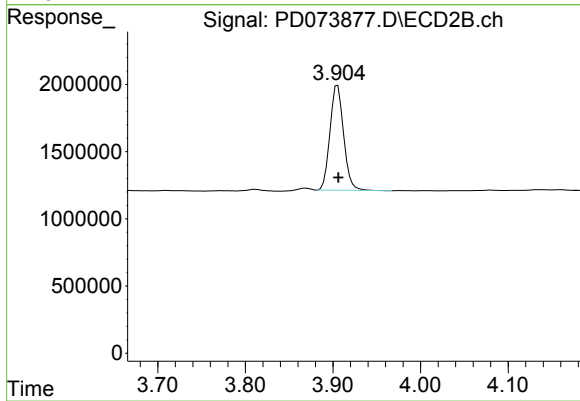
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 17393699
Conc: 11.56 ng/ml



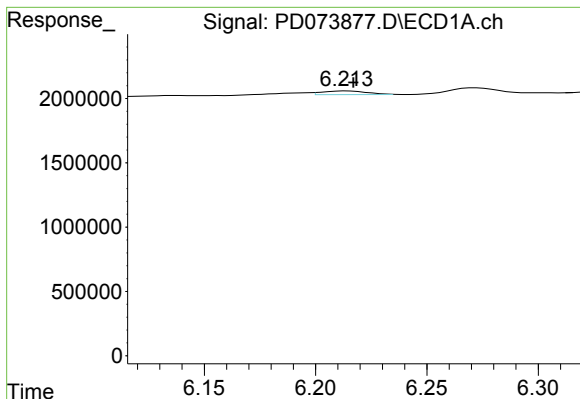
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 18143269
Conc: 11.70 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 8451190
Conc: 12.75 ng/ml



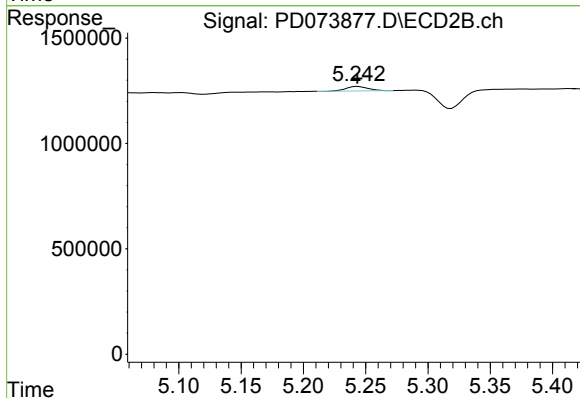
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 381164
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

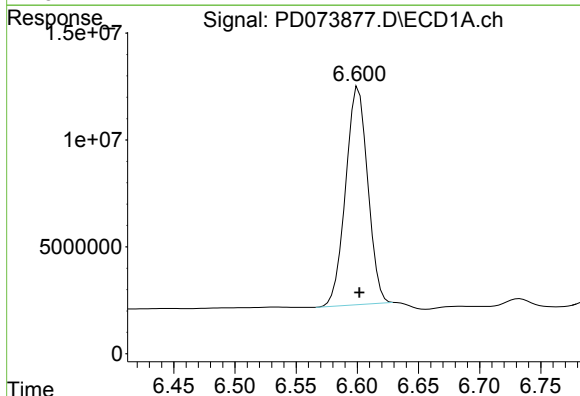
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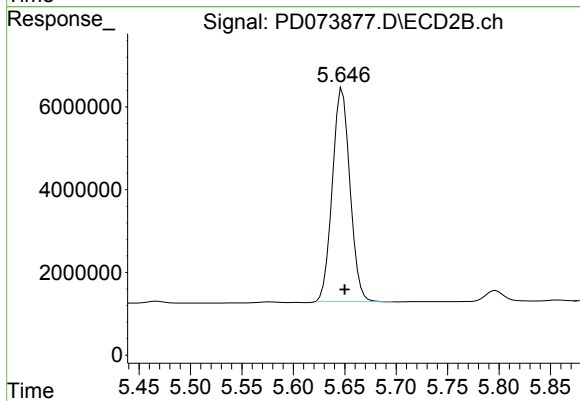
#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 263662
Conc: 0.20 ng/ml



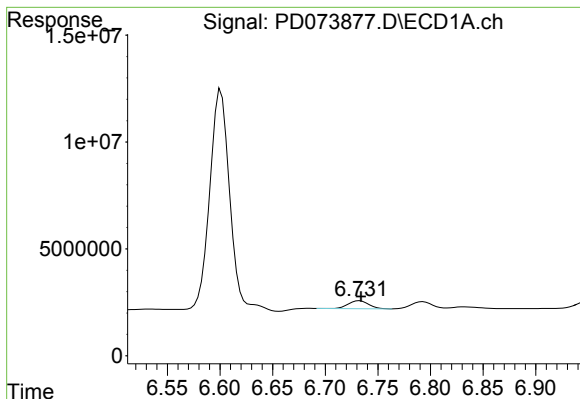
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 128274410
Conc: 47.32 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 61385107
Conc: 55.20 ng/ml



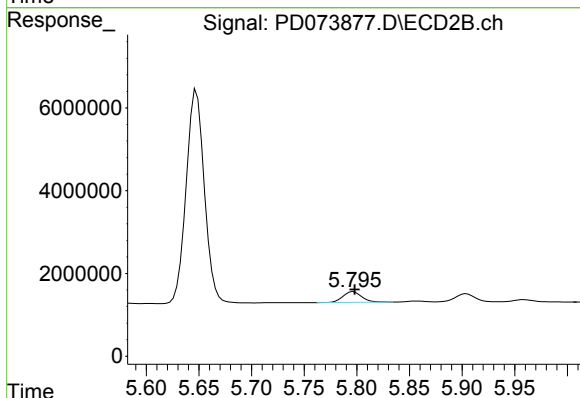
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 4988922
Conc: 2.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

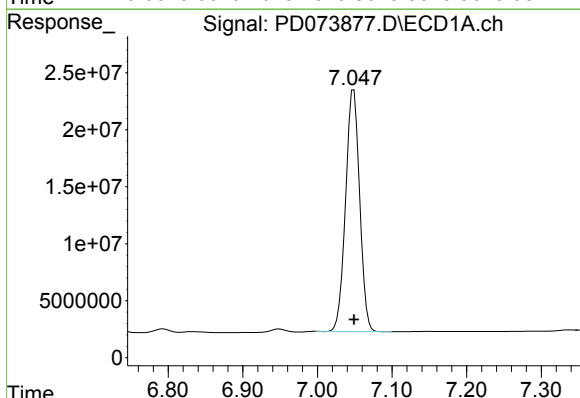
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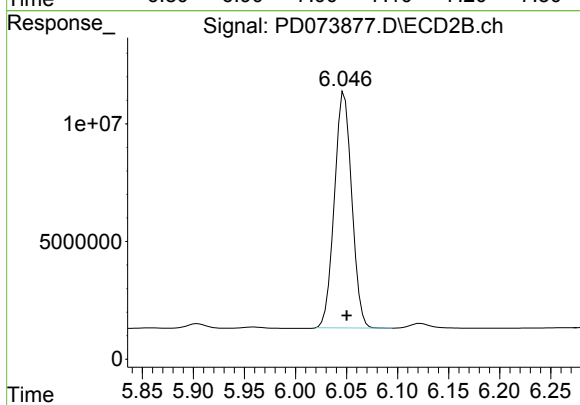
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.001 min
Response: 3199482
Conc: 3.11 ng/ml



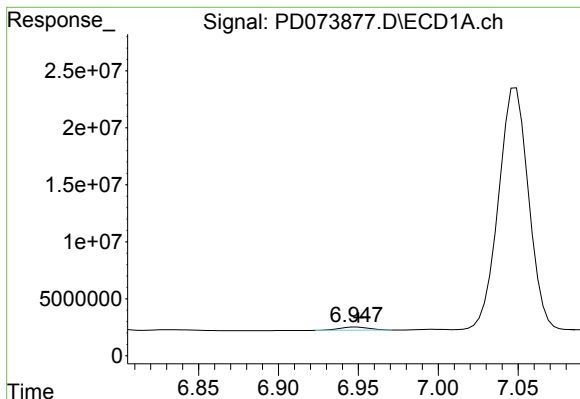
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 277305150
Conc: 99.60 ng/ml



#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 118729893
Conc: 115.27 ng/ml



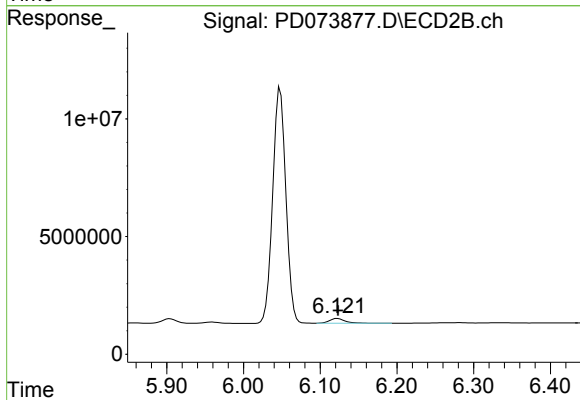
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 3662505
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

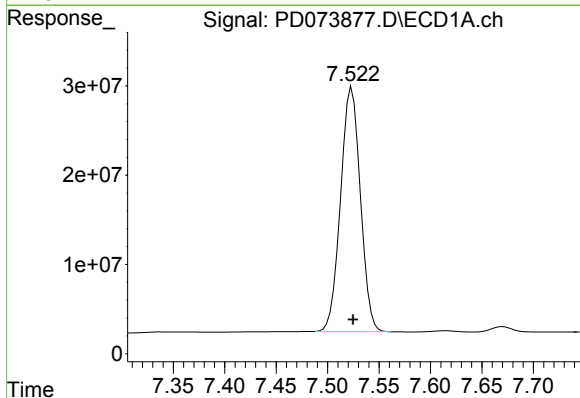
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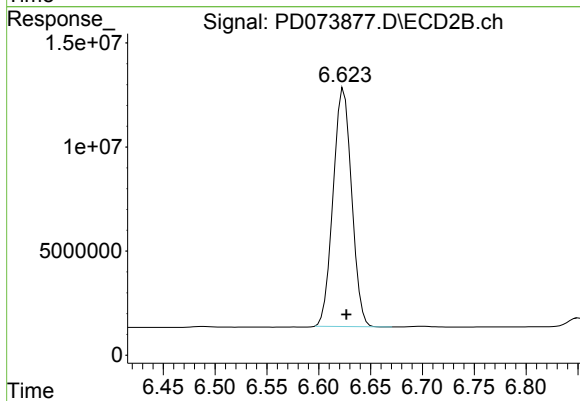
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2834897
Conc: 3.21 ng/ml



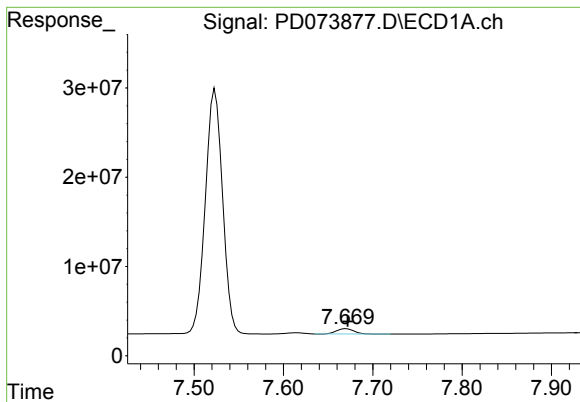
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.001 min
Response: 366458265
Conc: 236.56 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 142276004
Conc: 271.83 ng/ml



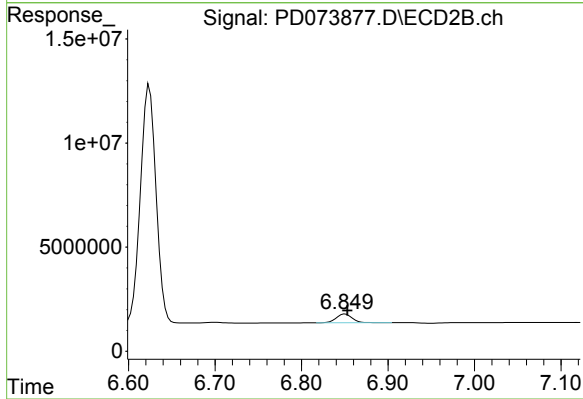
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 8032074
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

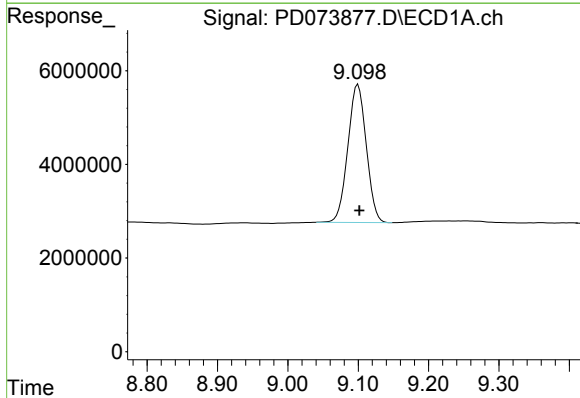
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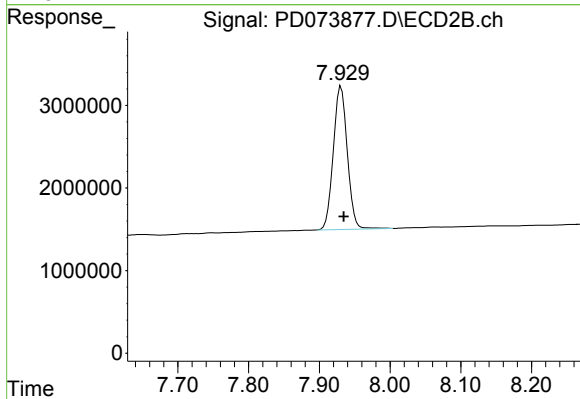
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 5302223
Conc: 4.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.002 min
Response: 53743373
Conc: 19.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 23886319
Conc: 20.53 ng/ml