

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 04:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2021
 Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 08:00:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 07:55:41 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 x 0.2 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...	3.436	3.966	41157513	150.0E6	19.918	20.664
28)	SA Decachlor...	8.162	9.022	23545953	104.4E6	20.782	20.770
Target Compounds							
2)	A alpha-BHC	3.873	4.360	31383187	106.8E6	9.343	10.261
3)	MA gamma-BHC...	4.154	4.645	30665129	96723332	9.823	10.150
6)	B beta-BHC	4.403	4.822	14347876	49122521	10.511	11.143
12)	B 4,4'-DDE	5.579	6.302	697363	2134149	0.264m	0.308m
14)	MA Endrin	5.969	6.671	109.7E6	272.0E6	48.051	46.814
16)	A 4,4'-DDD	6.094	6.797	2662173	8605449	1.267	1.470
17)	MA 4,4'-DDT	6.333	7.094	211.4E6	534.0E6	99.893	89.467
18)	B Endrin al...	6.410	7.011	4257784	7744405	2.546	1.651 #
20)	A Methoxychlor	6.881	7.556	237.4E6	654.9E6	214.048	203.333
21)	B Endrin ke...	7.112	7.706	8390868	20633638	3.704	2.853

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

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Acq On : 30 Nov 2021 04:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 22 Sample Multiplier: 1

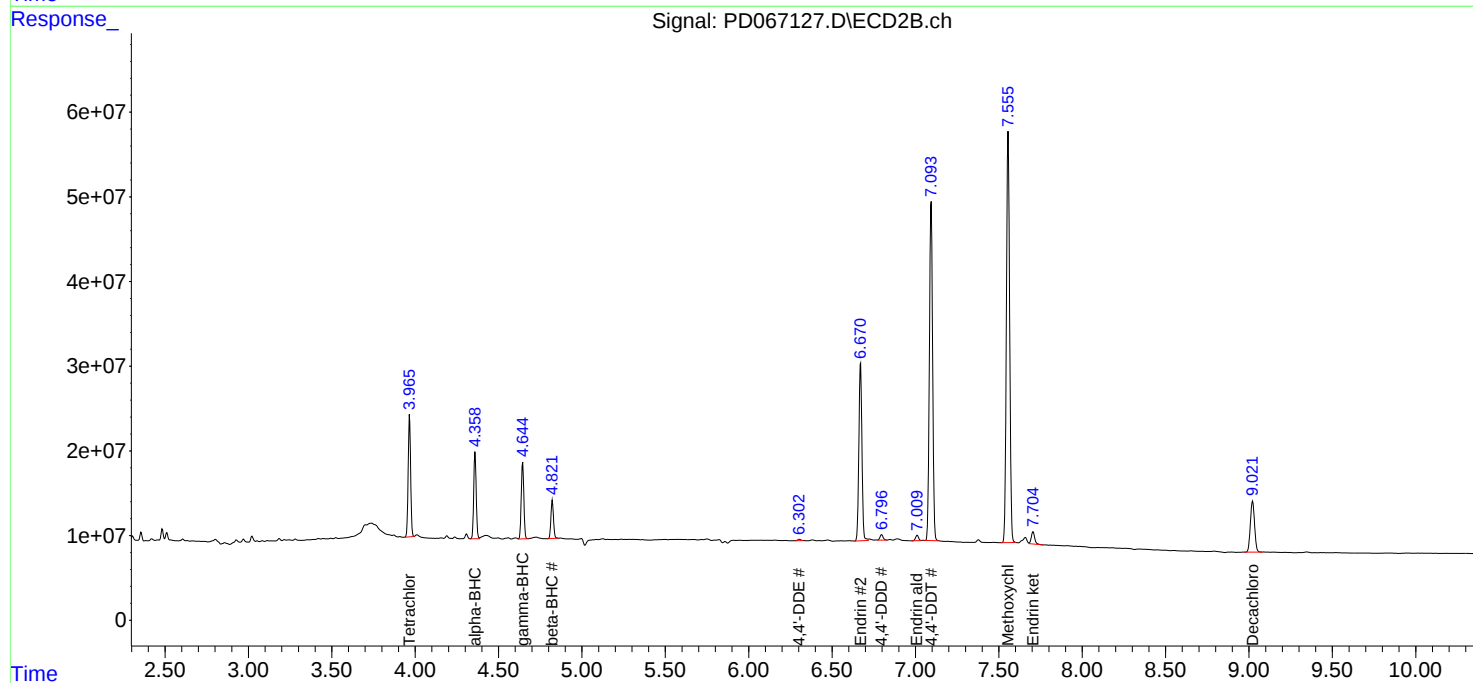
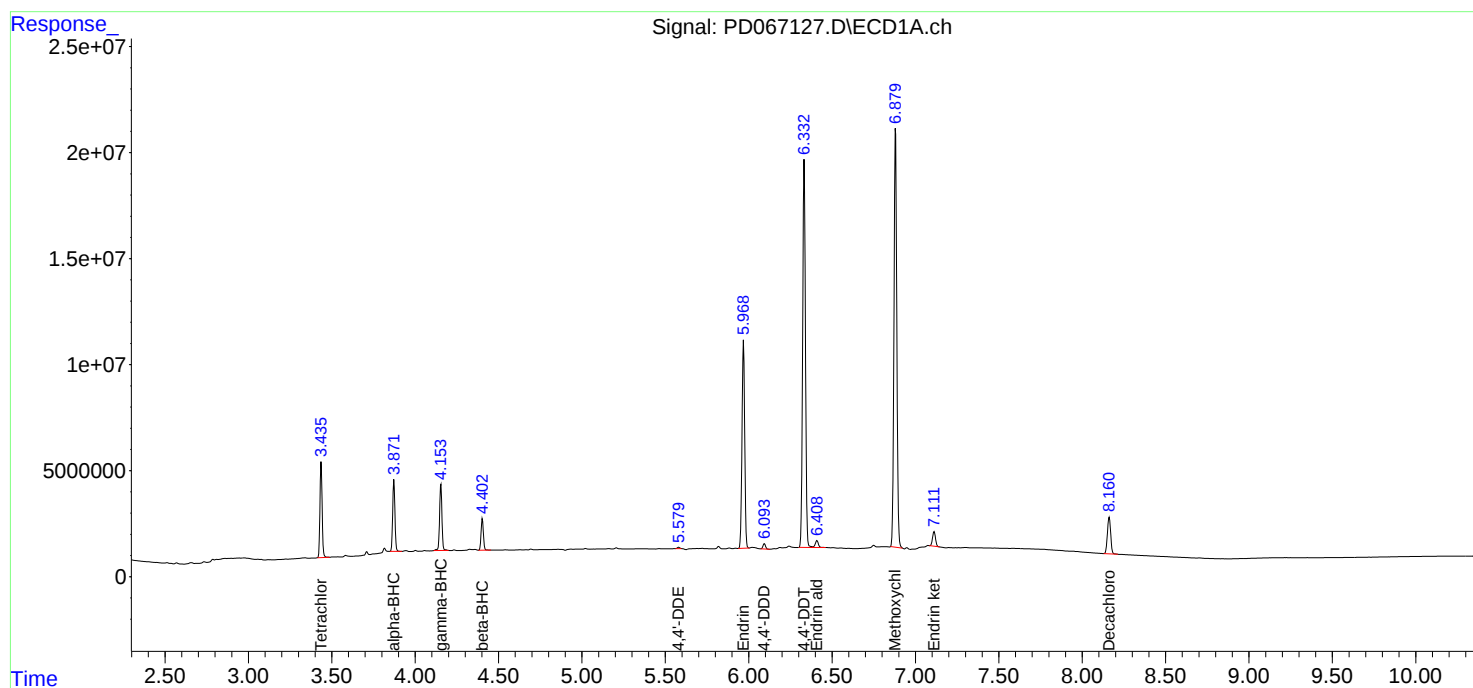
Instrument :
ECD_D
ClientSampleId :
PEM

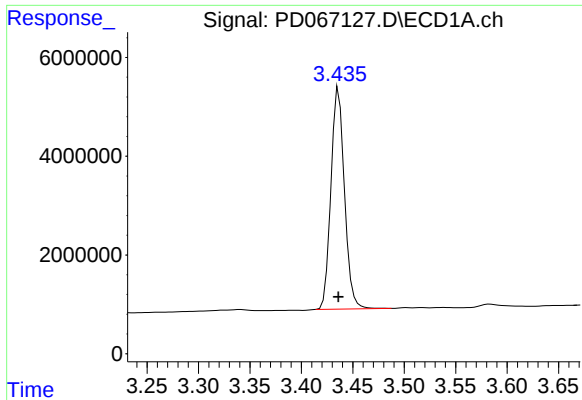
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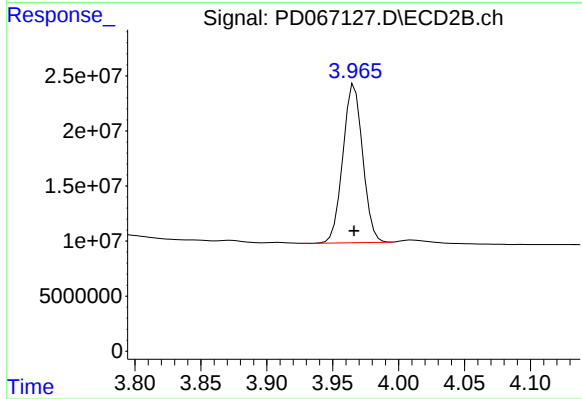
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 41157513
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

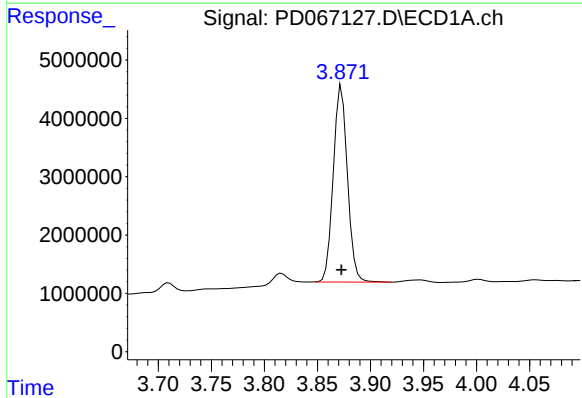
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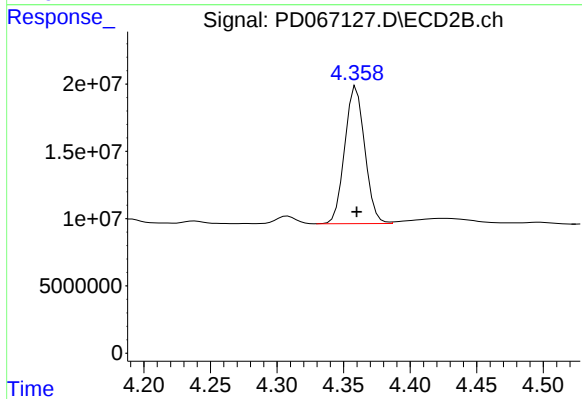
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 149982498
Conc: 20.66 ng/ml



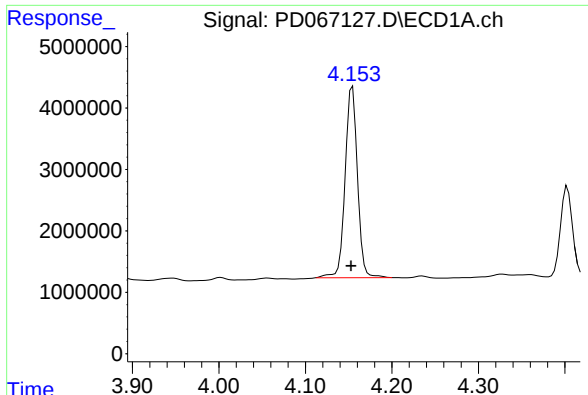
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 31383187
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 106784825
Conc: 10.26 ng/ml



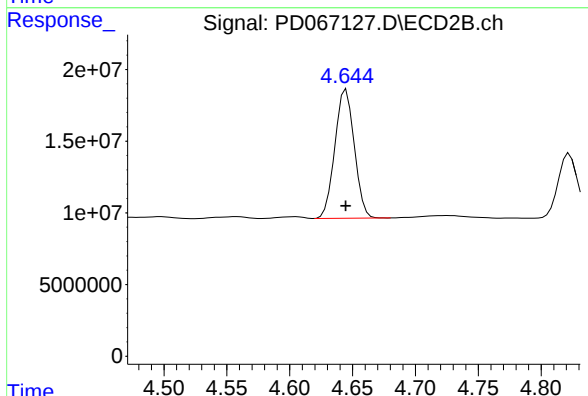
#3 gamma-BHC (Lindane)

R.T.: 4.154 min
Delta R.T.: 0.002 min
Response: 30665129
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

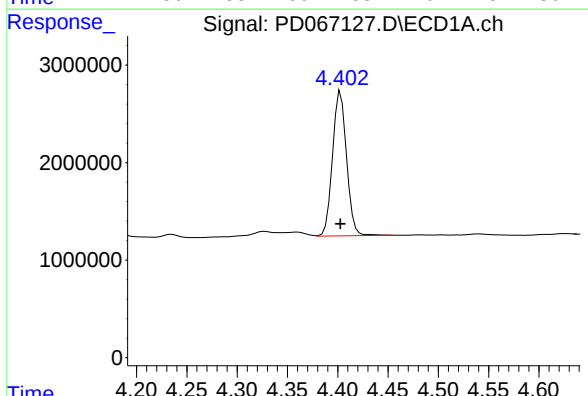
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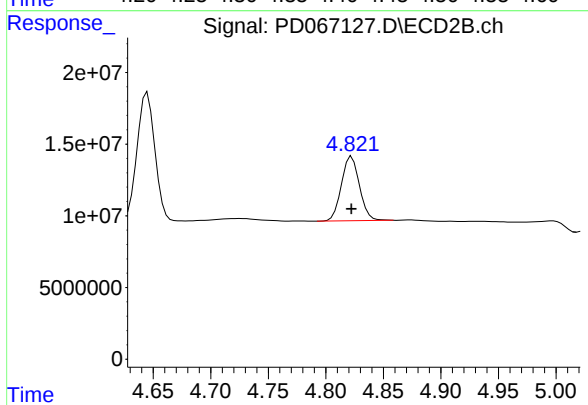
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 96723332
Conc: 10.15 ng/ml



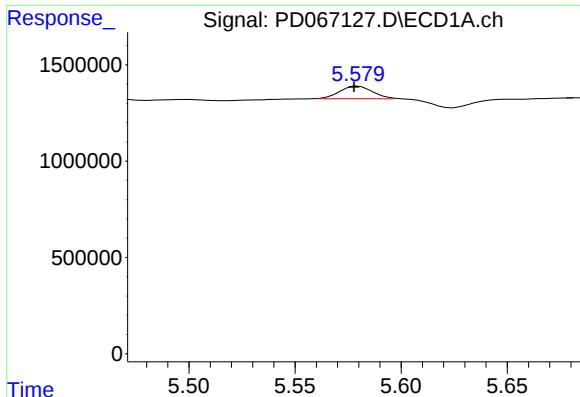
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 14347876
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 49122521
Conc: 11.14 ng/ml



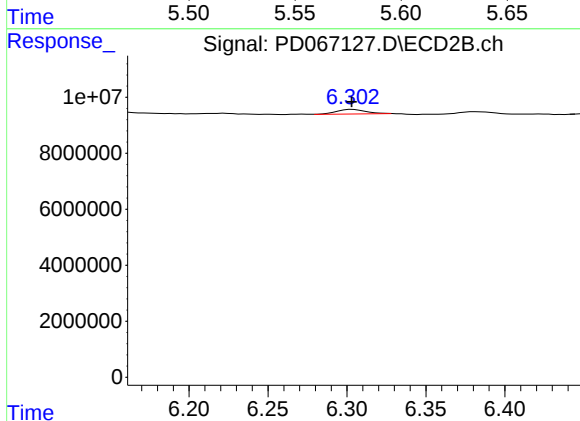
#12 4,4'-DDE

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 697363
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

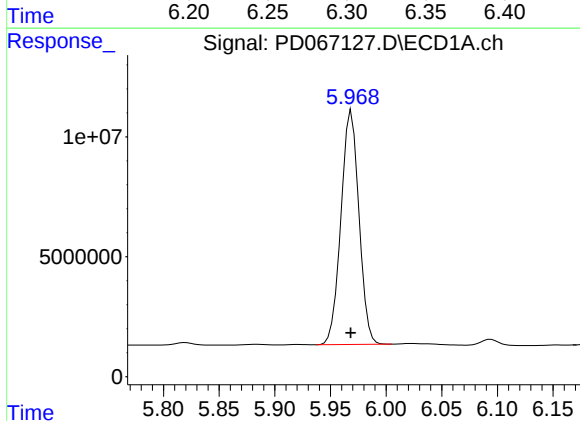
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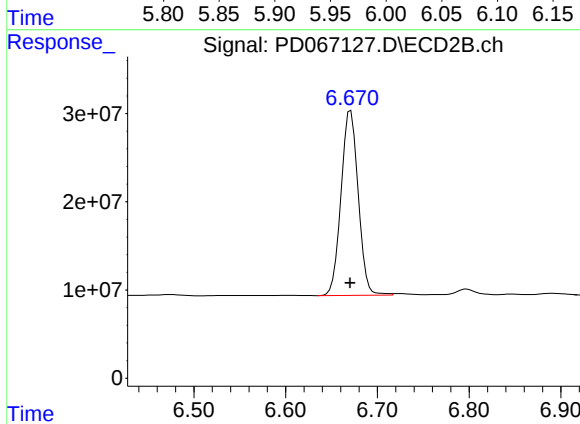
#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2134149
Conc: 0.31 ng/ml m



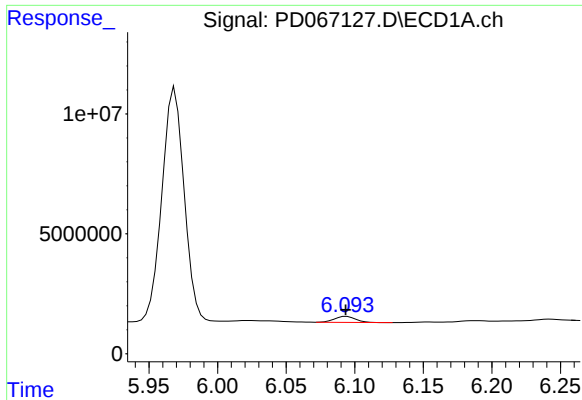
#14 Endrin

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 109713945
Conc: 48.05 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 272036882
Conc: 46.81 ng/ml



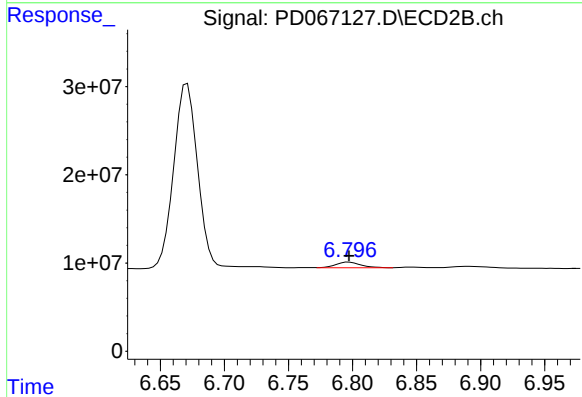
#16 4,4'-DDD

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 2662173
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

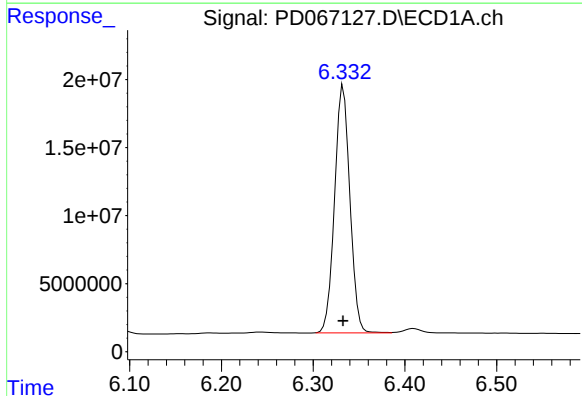
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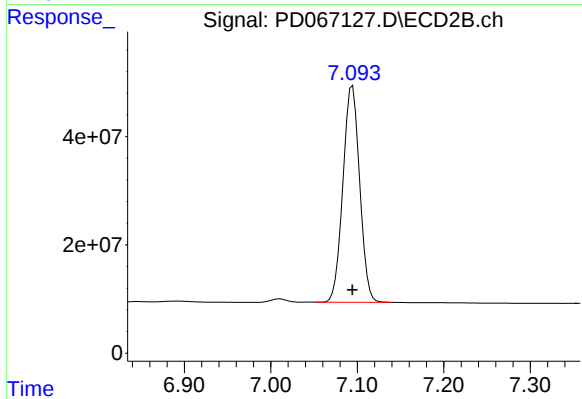
#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 8605449
Conc: 1.47 ng/ml



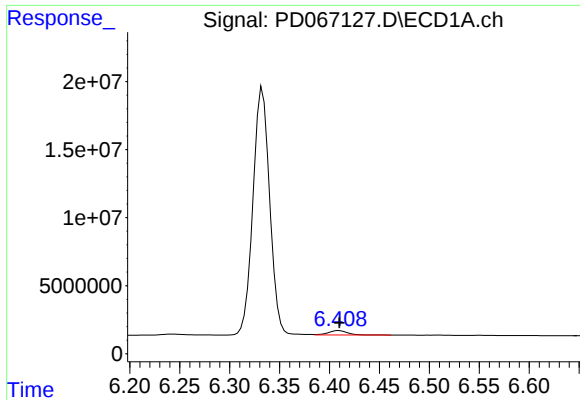
#17 4,4'-DDT

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 211360879
Conc: 99.89 ng/ml



#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 533974256
Conc: 89.47 ng/ml



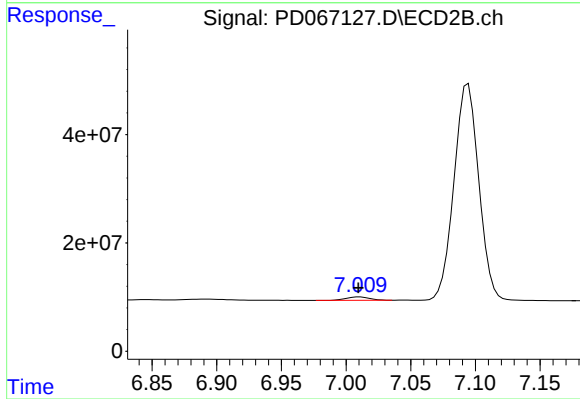
#18 Endrin aldehyde

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 4257784
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

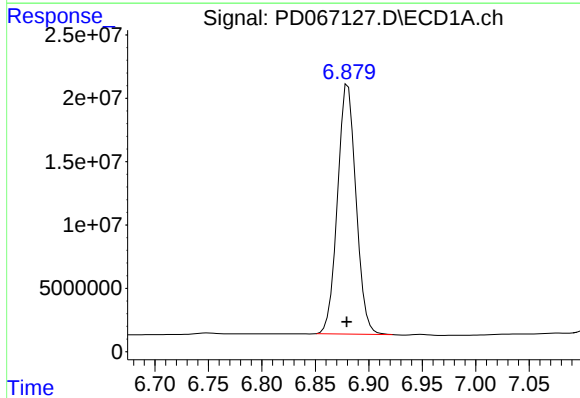
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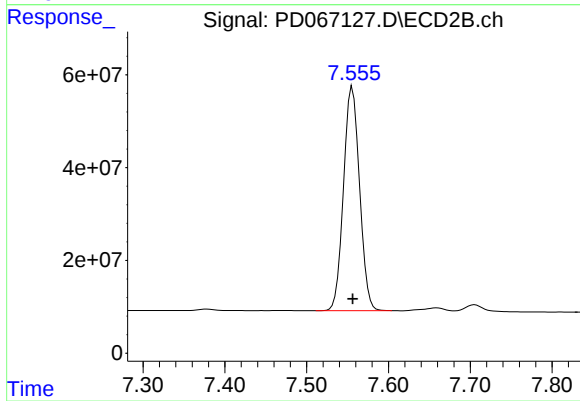
#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 7744405
Conc: 1.65 ng/ml



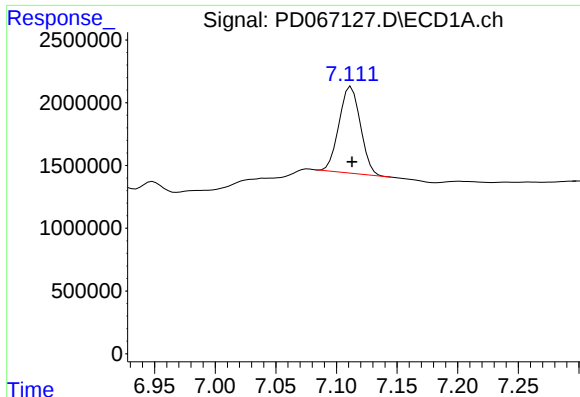
#20 Methoxychlor

R.T.: 6.881 min
Delta R.T.: 0.001 min
Response: 237426634
Conc: 214.05 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 654920891
Conc: 203.33 ng/ml



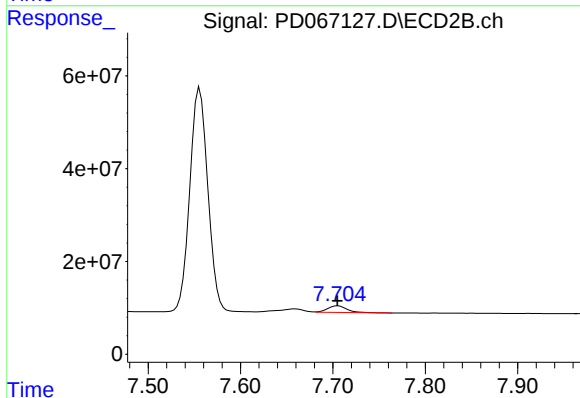
#21 Endrin ketone

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 8390868
Conc: 3.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

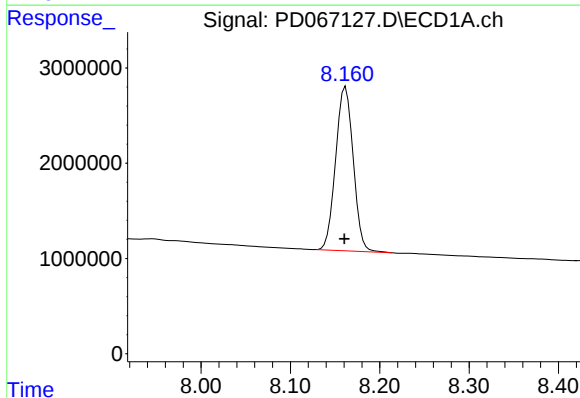
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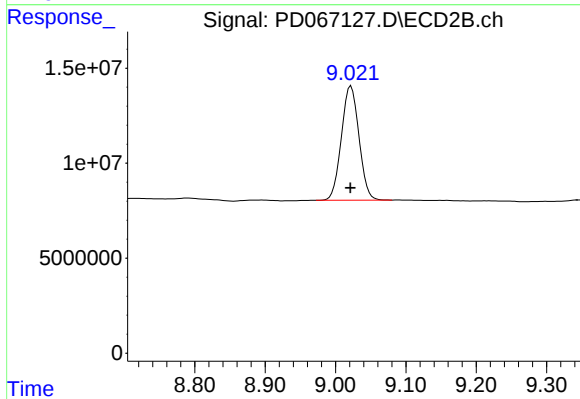
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 20633638
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.162 min
Delta R.T.: 0.002 min
Response: 23545953
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 104417829
Conc: 20.77 ng/ml