

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2022
 Supervised By : Ankita Jodhani 01/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:09:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.432	3.960	38725699	155.0E6	21.310	23.484
28)	SA Decachlor...	8.154	9.014	18095489	97302501	20.371	20.474
Target Compounds							
2)	A alpha-BHC	3.868	4.353	28918691	109.0E6	10.027	11.745
3)	MA gamma-BHC...	4.149	4.638	26716334	99381768	10.045	11.792
6)	B beta-BHC	4.399	4.817	13071850	50385702	11.894	12.922
12)	B 4,4'-DDE	5.574	6.296	796484	2105203	0.360	0.342
14)	MA Endrin	5.963	6.664	101.9E6	282.7E6	48.513	50.998
16)	A 4,4'-DDD	6.089	6.789	3602600	9426510	2.097	1.883m
17)	MA 4,4'-DDT	6.327	7.088	181.5E6	530.1E6	111.085	99.067
18)	B Endrin al...	6.403	7.003	3039536	6480123	2.000m	1.436m#
20)	A Methoxychlor	6.874	7.550	202.8E6	648.3E6	238.914	223.457
21)	B Endrin ke...	7.107	7.697	6388216	16711820	3.733	2.663m#

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

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Acq On : 07 Jan 2022 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

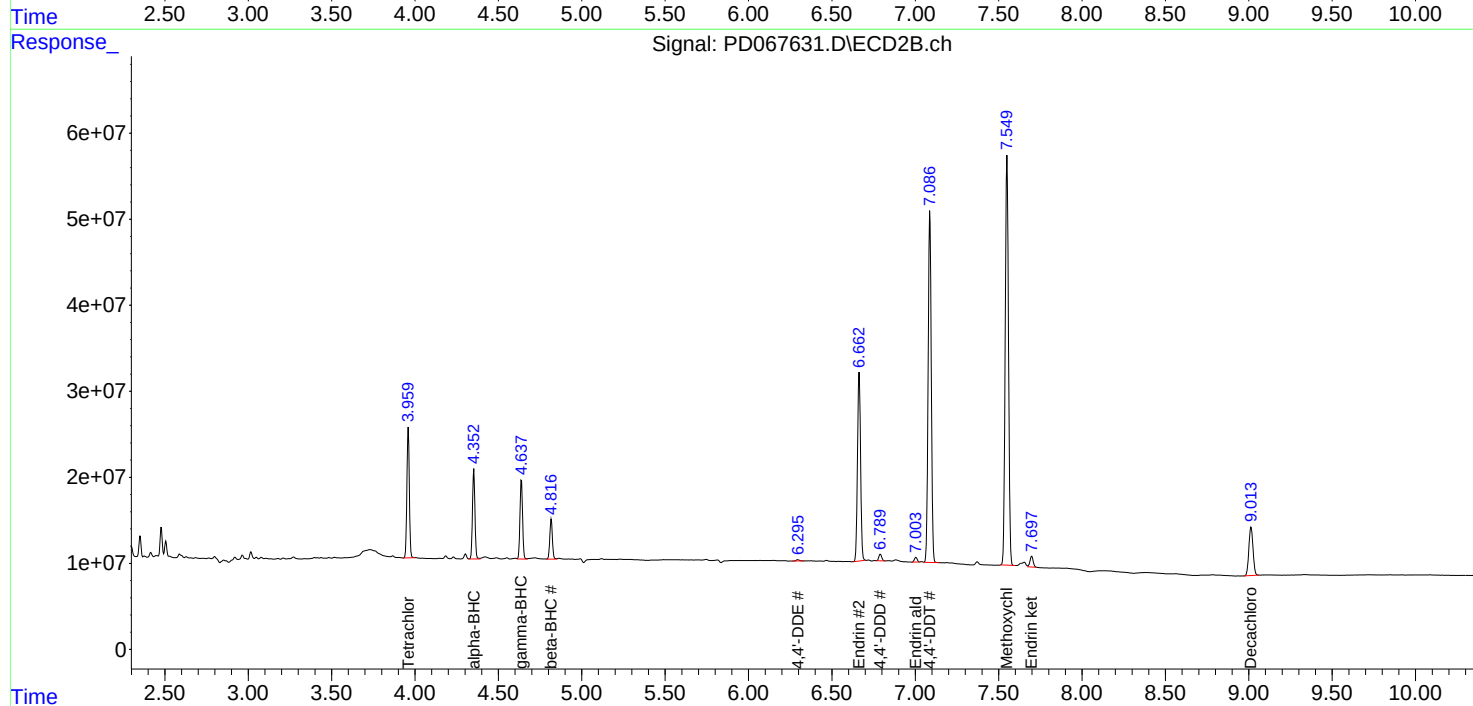
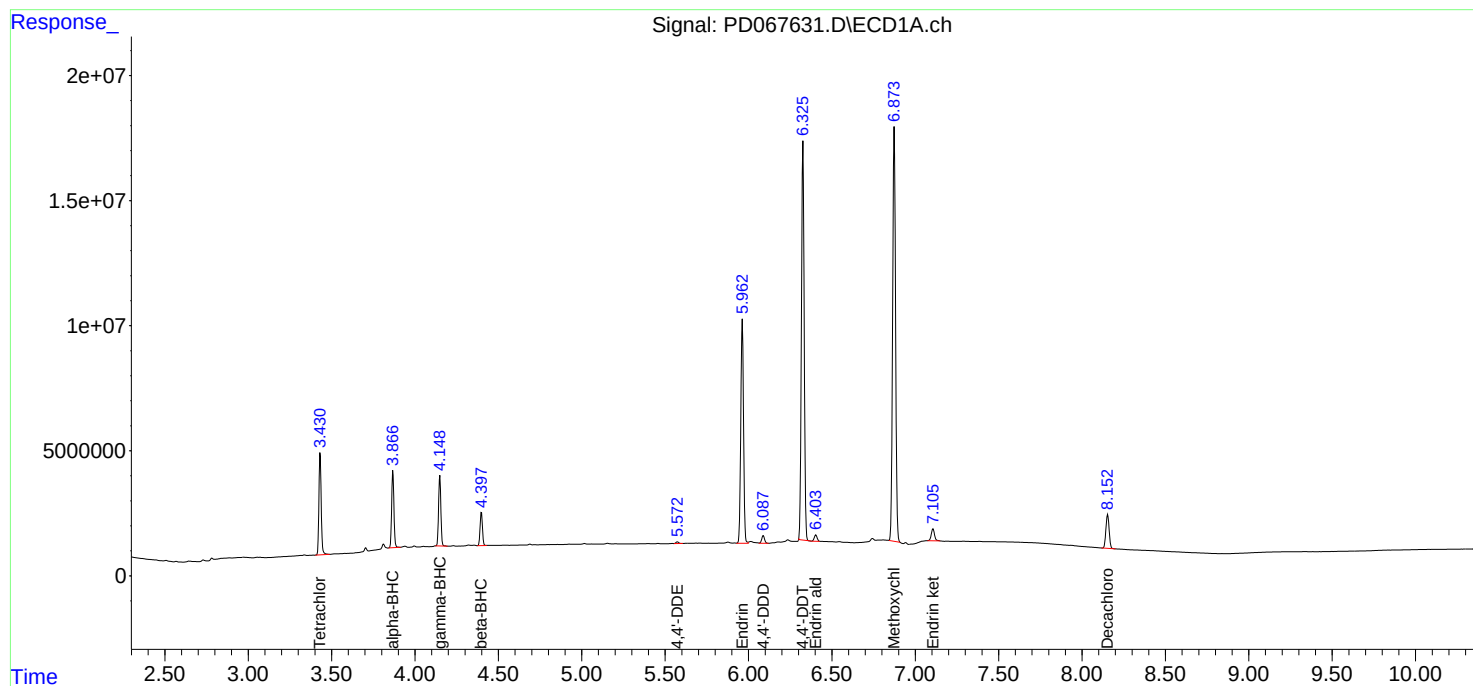
Instrument :
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ClientSampleId :
PEM

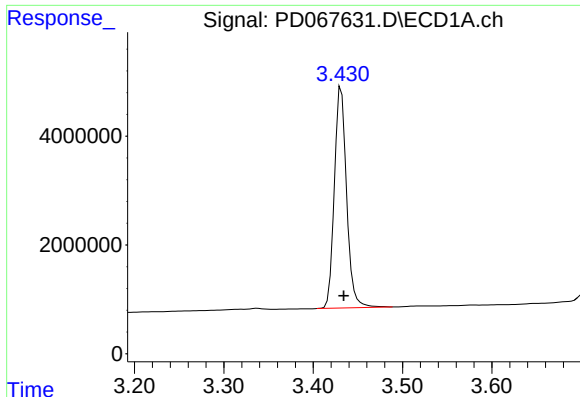
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





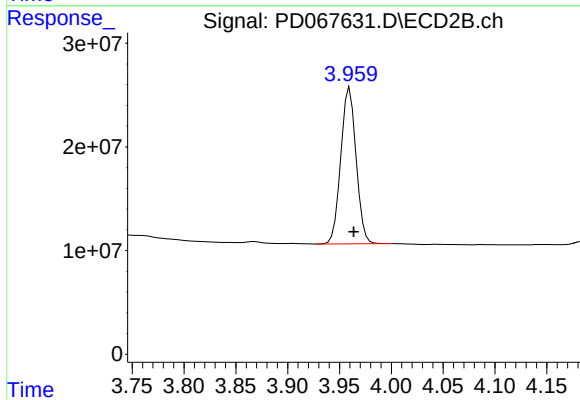
#1 Tetrachloro-m-xylene

R.T.: 3.432 min
Delta R.T.: -0.002 min
Response: 38725699
Conc: 21.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

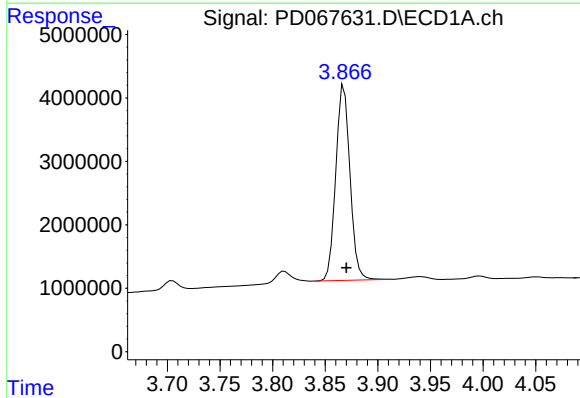
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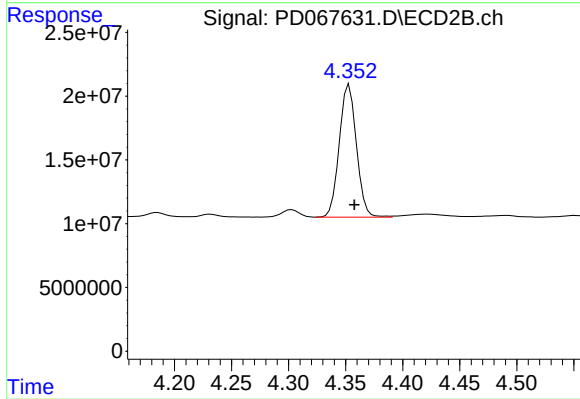
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 154952421
Conc: 23.48 ng/ml



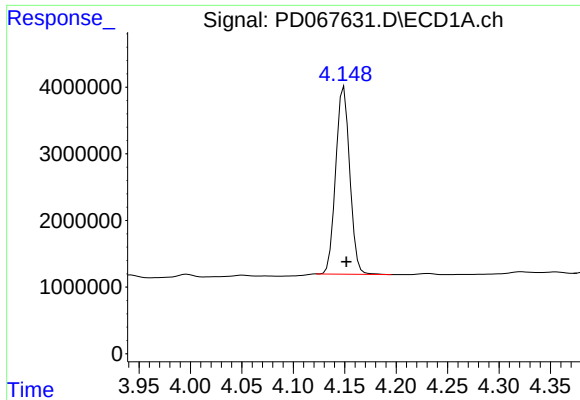
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: -0.002 min
Response: 28918691
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 4.353 min
Delta R.T.: -0.005 min
Response: 108971390
Conc: 11.74 ng/ml



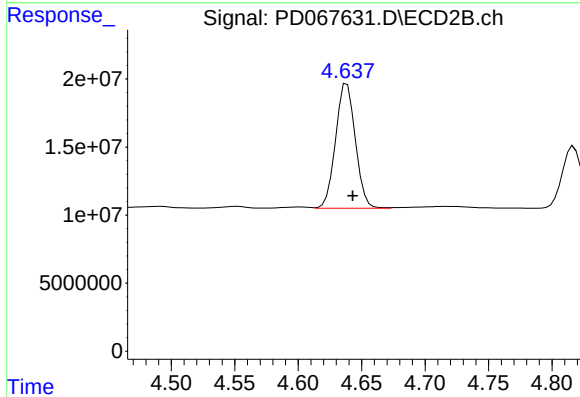
#3 gamma-BHC (Lindane)

R.T.: 4.149 min
Delta R.T.: -0.002 min
Response: 26716334
Conc: 10.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

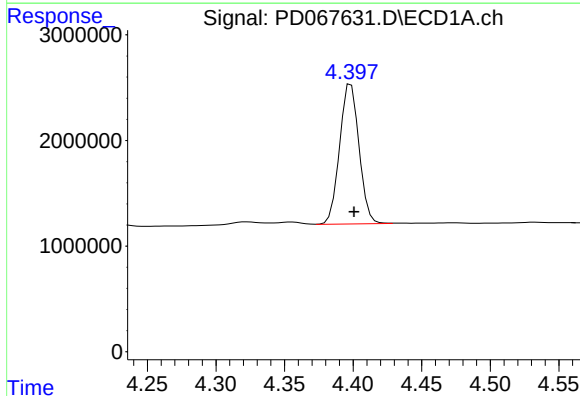
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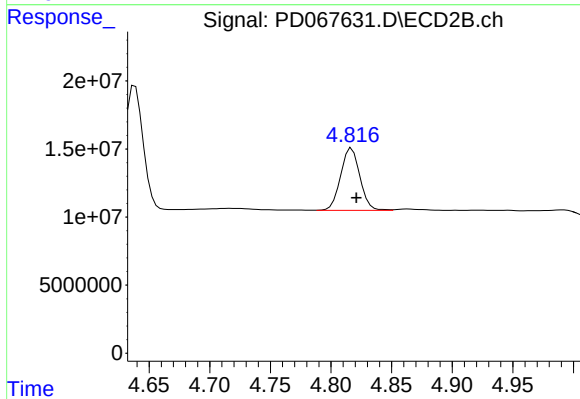
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 99381768
Conc: 11.79 ng/ml



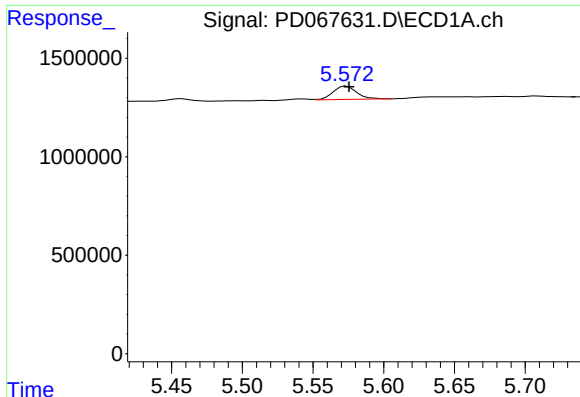
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.002 min
Response: 13071850
Conc: 11.89 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 50385702
Conc: 12.92 ng/ml



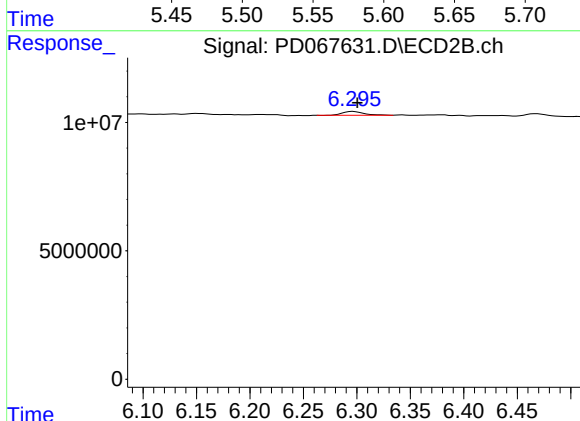
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 796484
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

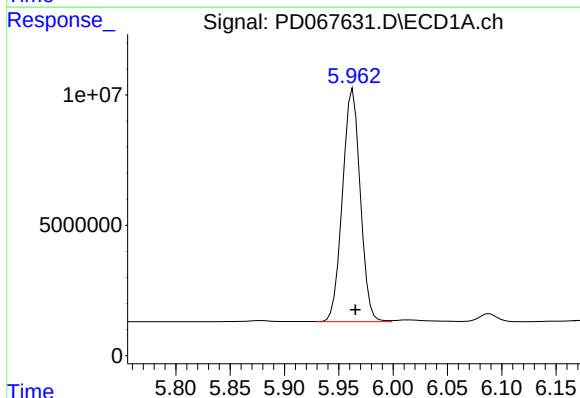
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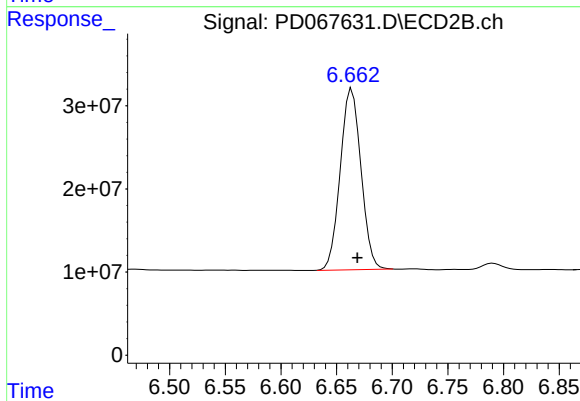
#12 4,4'-DDE

R.T.: 6.296 min
Delta R.T.: -0.004 min
Response: 2105203
Conc: 0.34 ng/ml



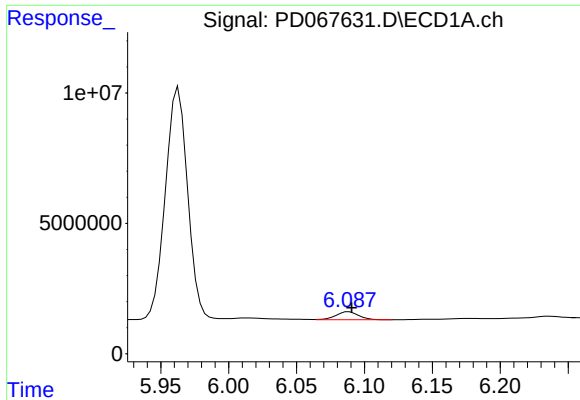
#14 Endrin

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 101909458
Conc: 48.51 ng/ml



#14 Endrin

R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 282722794
Conc: 51.00 ng/ml



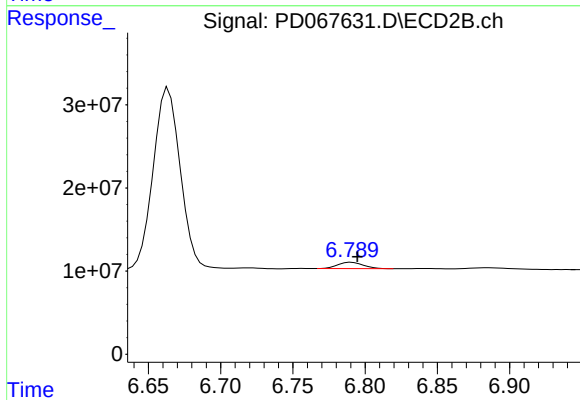
#16 4,4'-DDD

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 3602600
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

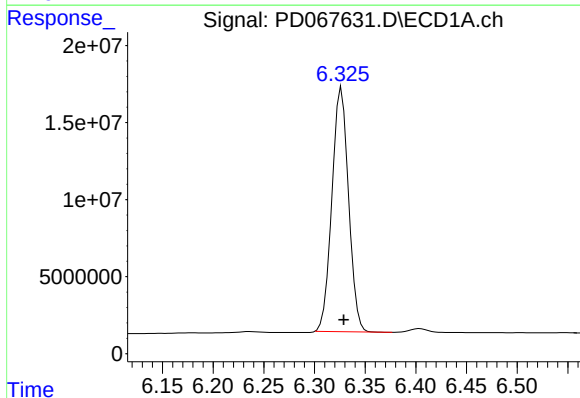
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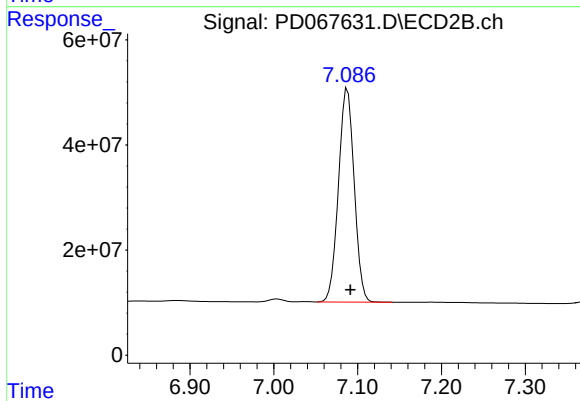
#16 4,4'-DDD

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 9426510
Conc: 1.88 ng/ml m



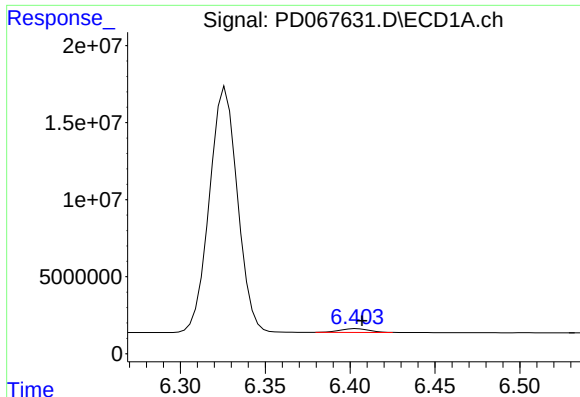
#17 4,4'-DDT

R.T.: 6.327 min
Delta R.T.: -0.002 min
Response: 181514334
Conc: 111.08 ng/ml



#17 4,4'-DDT

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 530104090
Conc: 99.07 ng/ml



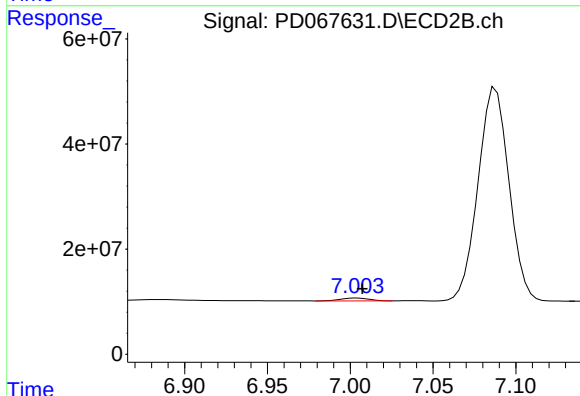
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: -0.005 min
Response: 3039536
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

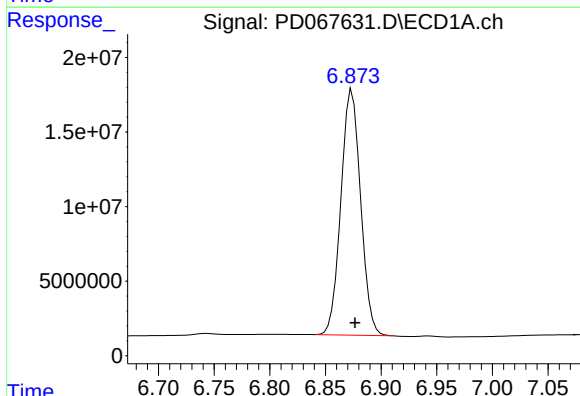
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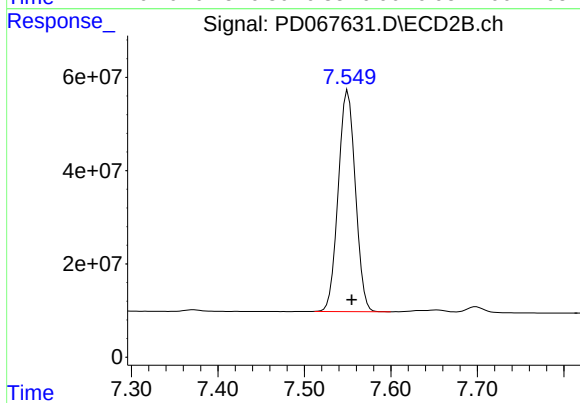
#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 6480123
Conc: 1.44 ng/ml m



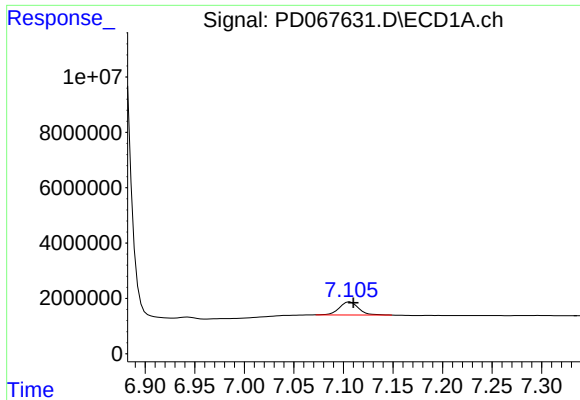
#20 Methoxychlor

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 202809852
Conc: 238.91 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 648347929
Conc: 223.46 ng/ml



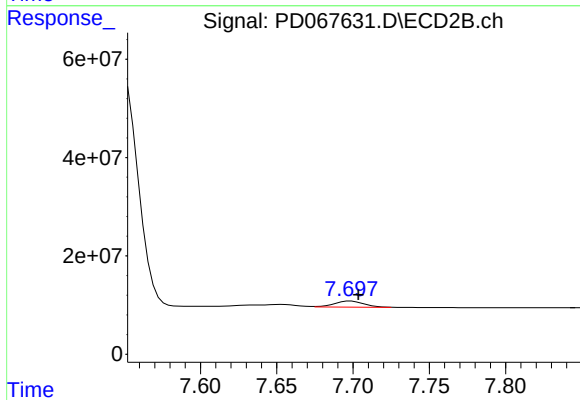
#21 Endrin ketone

R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 6388216
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

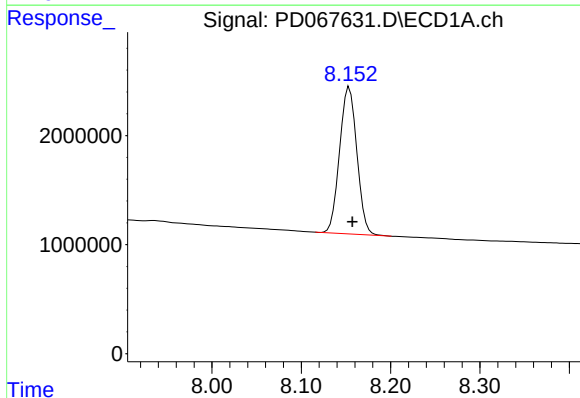
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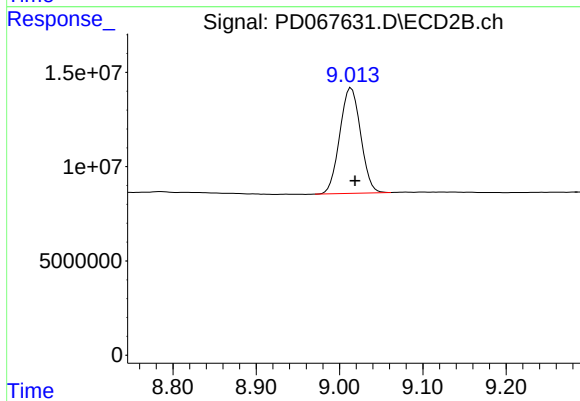
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.007 min
Response: 16711820
Conc: 2.66 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 18095489
Conc: 20.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 97302501
Conc: 20.47 ng/ml