

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122821\
 Data File : PD067516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 16:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 03:01:36 2021
 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...	3.434	3.964	36723323	138.0E6	20.208	20.911
28)	SA Decachlor...	8.156	9.018	19207997	104.5E6	21.624	21.993
Target Compounds							
2)	A alpha-BHC	3.870	4.357	27822569	101.0E6	9.647	10.889
3)	MA gamma-BHC...	4.152	4.642	26072846	89734808	9.803	10.648
6)	B beta-BHC	4.401	4.821	12552384	46526003	11.422	11.932
12)	B 4,4'-DDE	5.574	6.300	512405	1771368	0.231m	0.288
14)	MA Endrin	5.965	6.668	108.3E6	283.9E6	51.574	51.208
16)	A 4,4'-DDD	6.090	6.794	875724	2199323	0.510	0.439m
17)	MA 4,4'-DDT	6.329	7.091	175.5E6	518.4E6	107.379	96.877
18)	B Endrin al...	6.406	7.004	3043133	605461	2.003	0.134m#
20)	A Methoxychlor	6.876	7.554	197.6E6	641.4E6	232.789	221.049
21)	B Endrin ke...	7.109	7.700	1780395	3489646	1.040	0.556m#

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

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Acq On : 27 Dec 2021 16:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

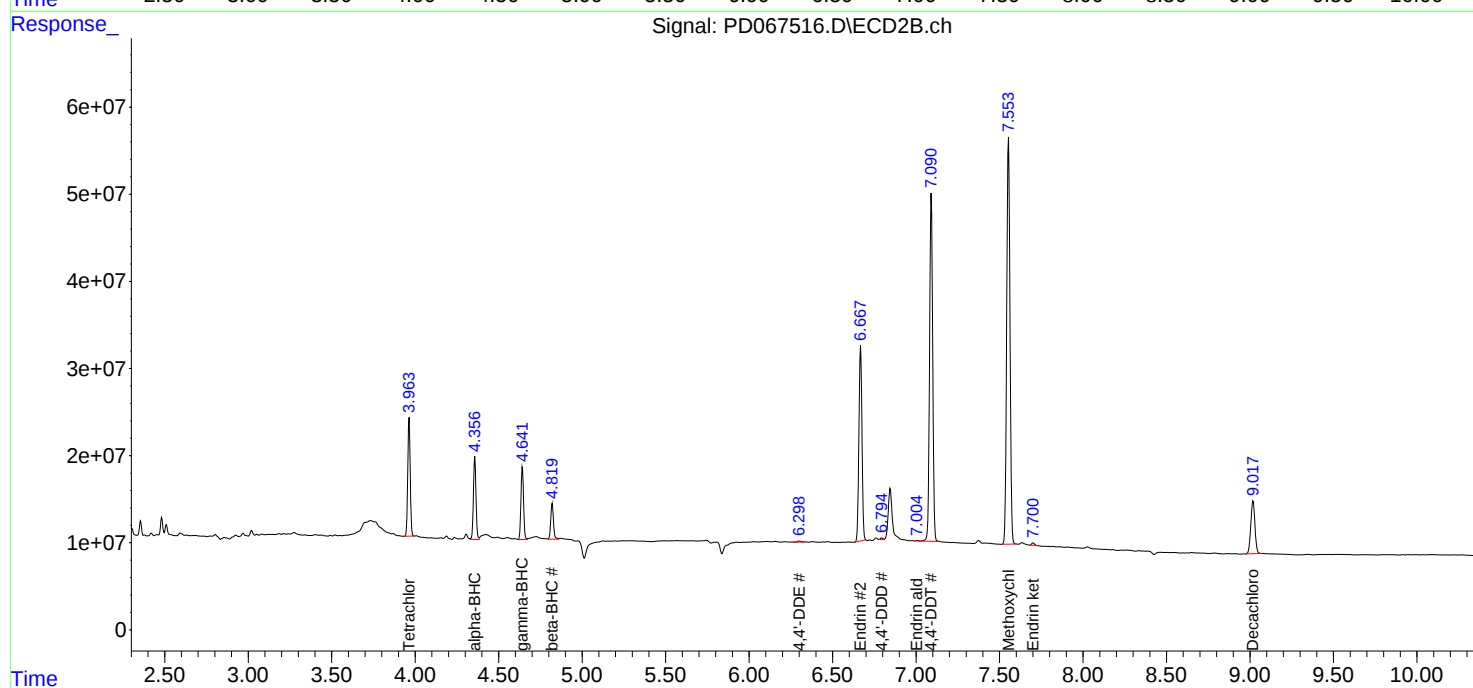
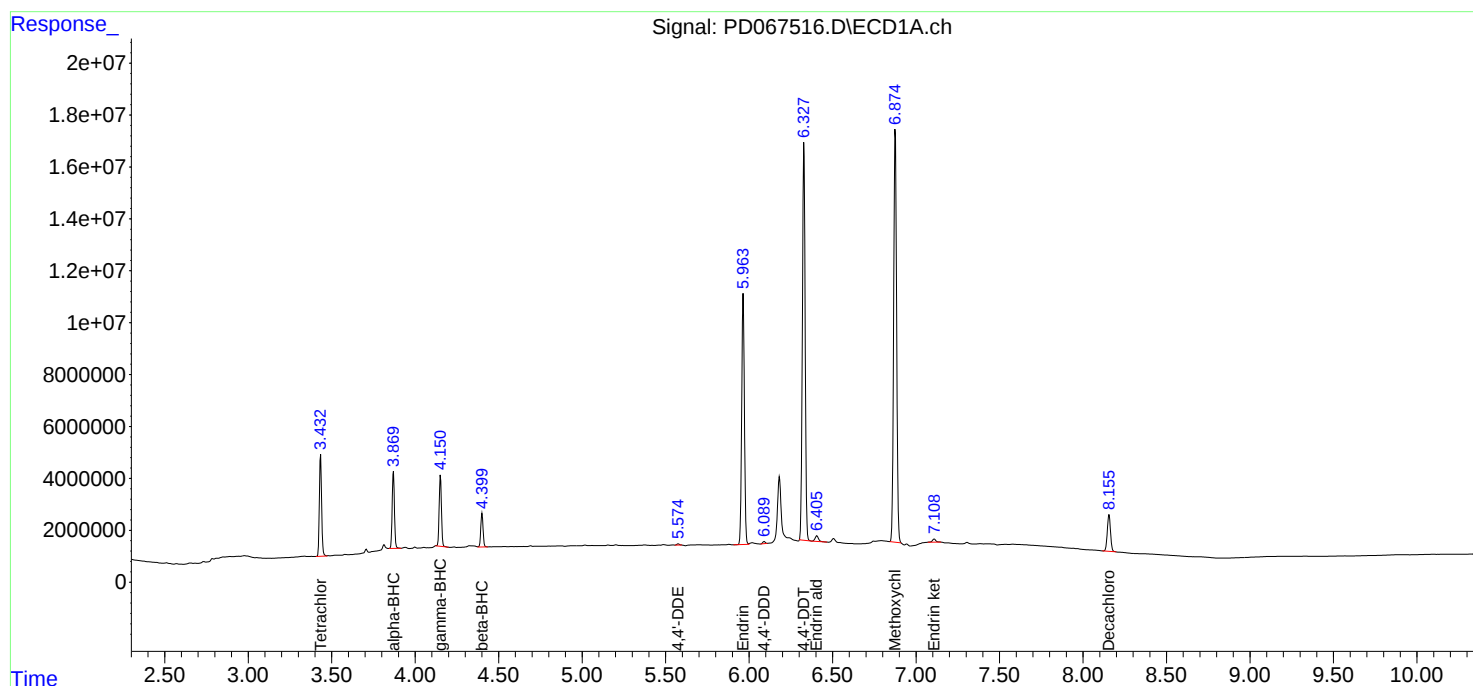
Instrument :
ECD_D
ClientSampleId :
PEM

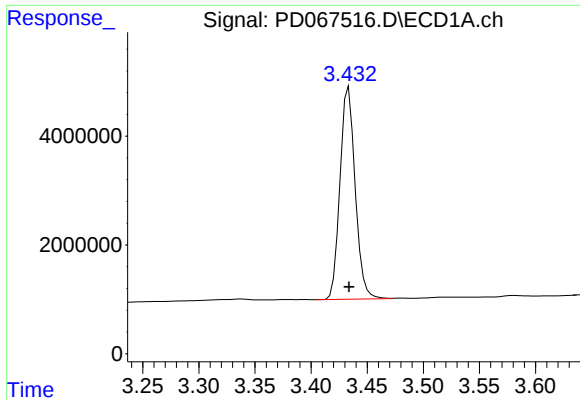
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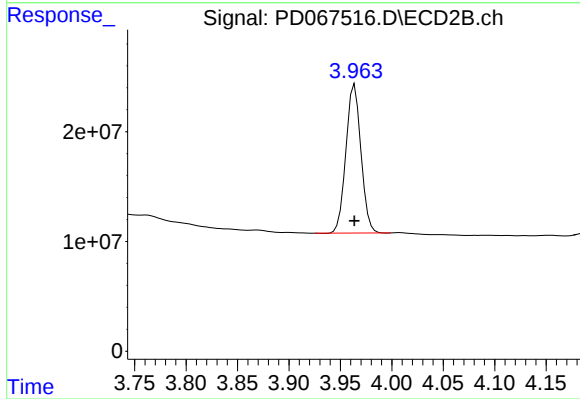
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 36723323
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

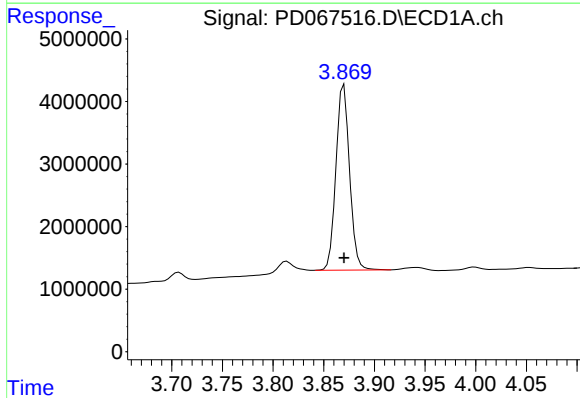
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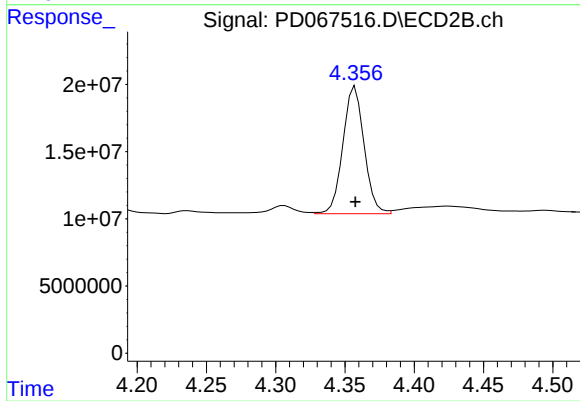
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 137976232
Conc: 20.91 ng/ml



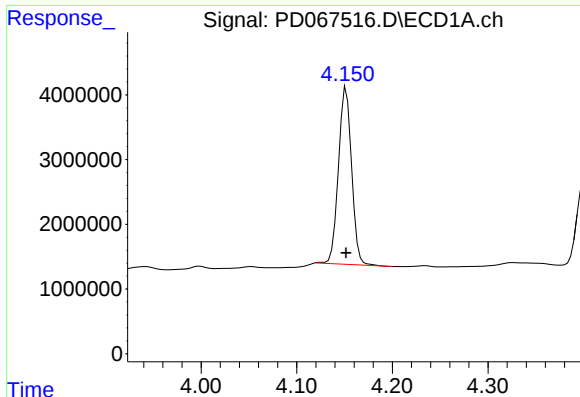
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 27822569
Conc: 9.65 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 101033188
Conc: 10.89 ng/ml



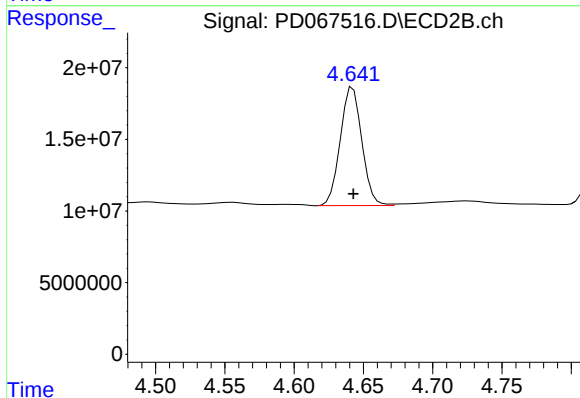
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 26072846
Conc: 9.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

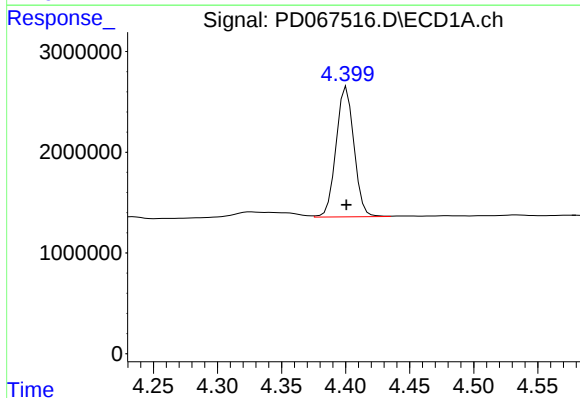
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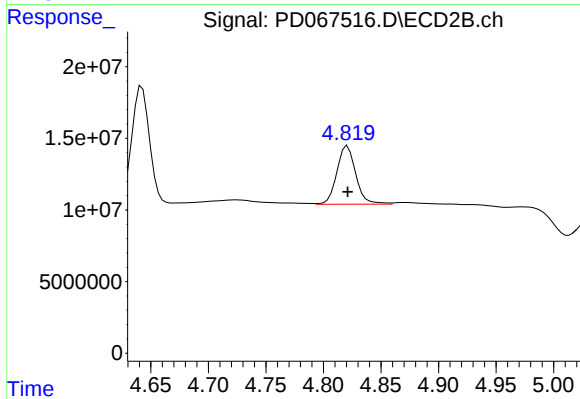
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 89734808
Conc: 10.65 ng/ml



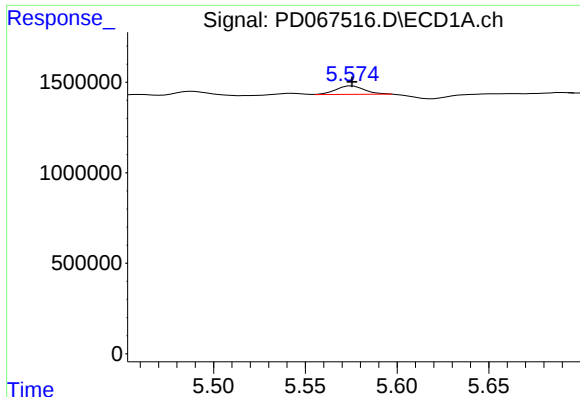
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 12552384
Conc: 11.42 ng/ml



#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 46526003
Conc: 11.93 ng/ml



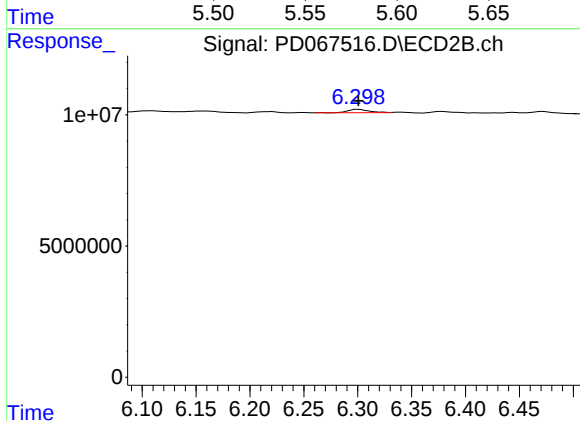
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 512405
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

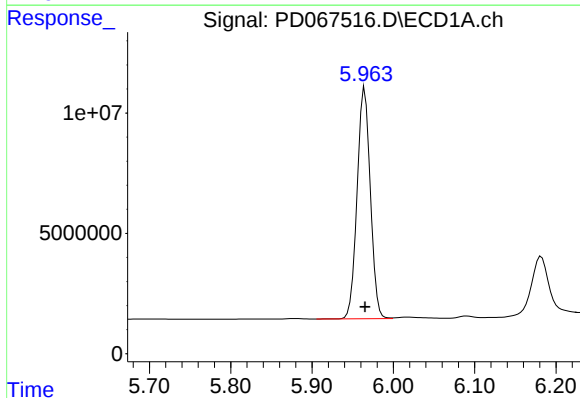
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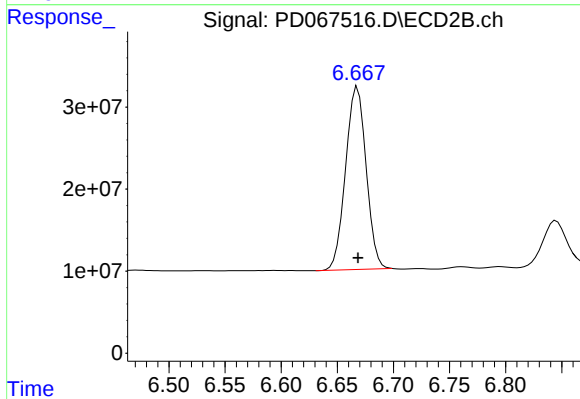
#12 4,4'-DDE

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 1771368
Conc: 0.29 ng/ml



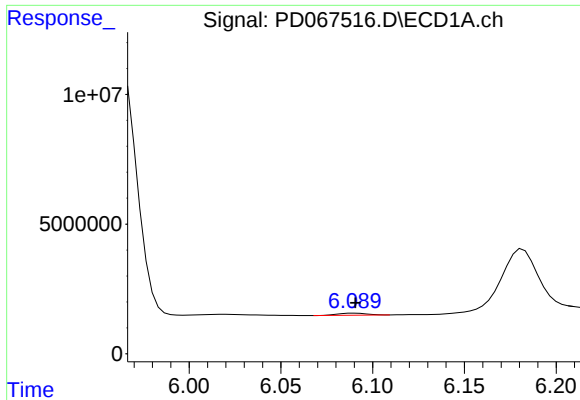
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 108338349
Conc: 51.57 ng/ml



#14 Endrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 283887197
Conc: 51.21 ng/ml



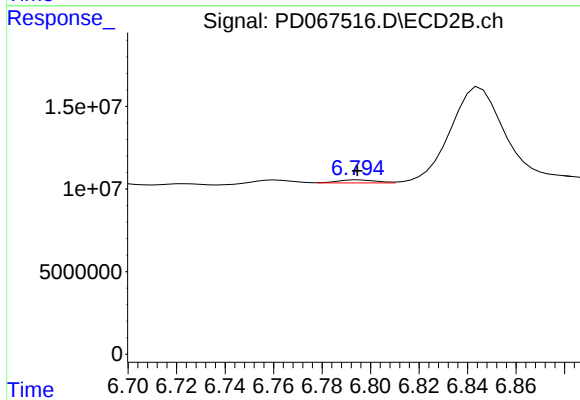
#16 4,4'-DDD

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 875724
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

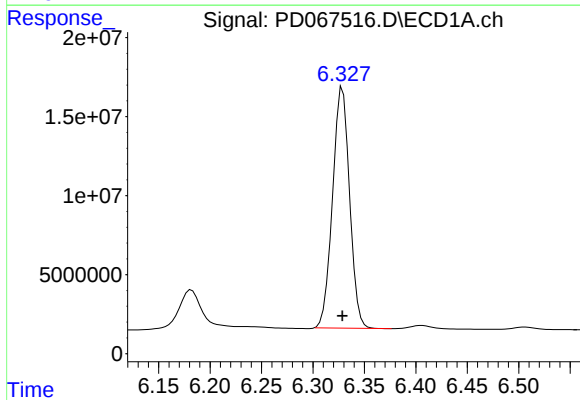
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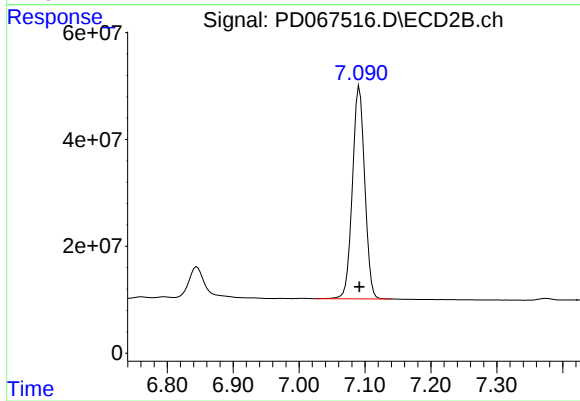
#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 2199323
Conc: 0.44 ng/ml m



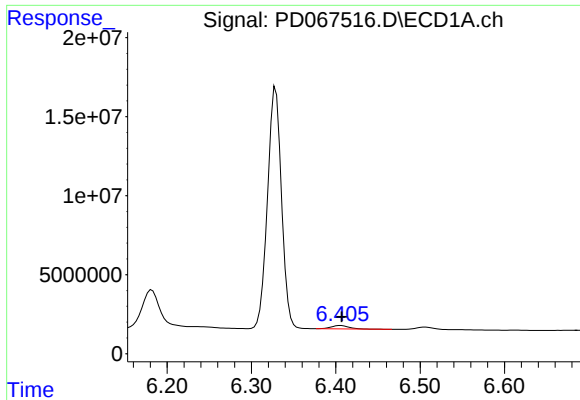
#17 4,4'-DDT

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 175458867
Conc: 107.38 ng/ml



#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 518382822
Conc: 96.88 ng/ml



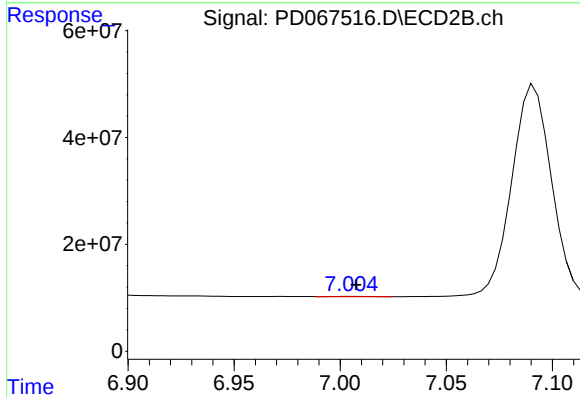
#18 Endrin aldehyde

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 3043133
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

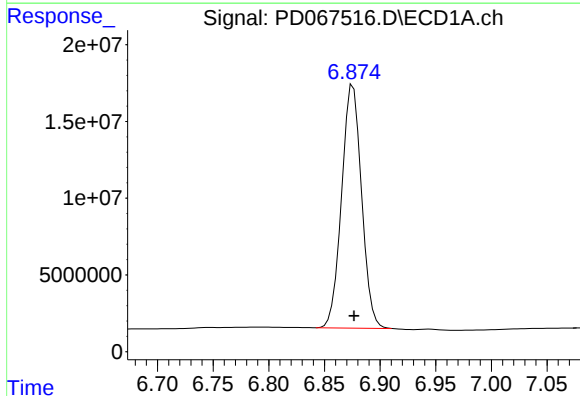
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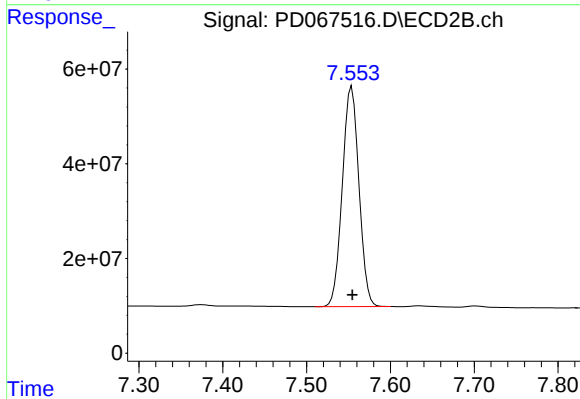
#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 605461
Conc: 0.13 ng/ml m



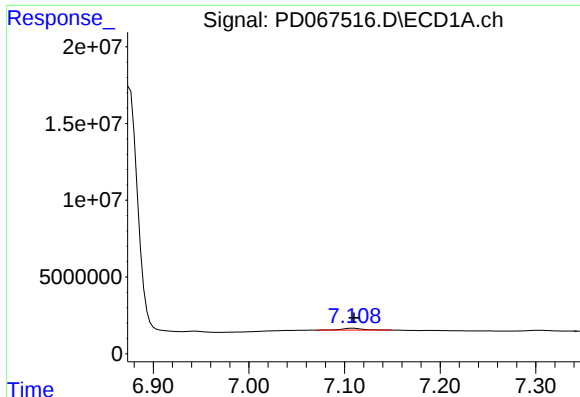
#20 Methoxychlor

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 197609837
Conc: 232.79 ng/ml



#20 Methoxychlor

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 641360933
Conc: 221.05 ng/ml



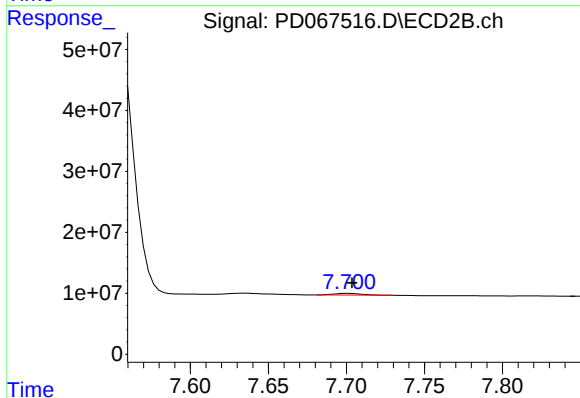
#21 Endrin ketone

R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 1780395
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

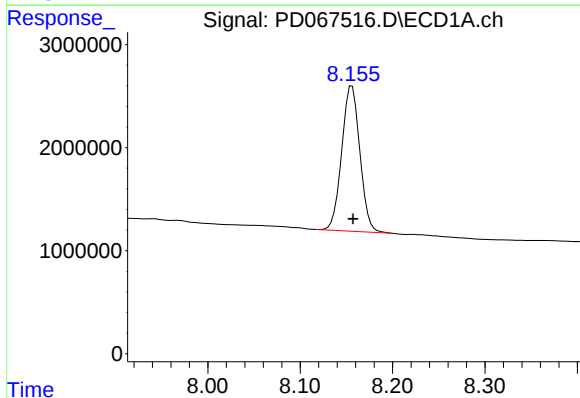
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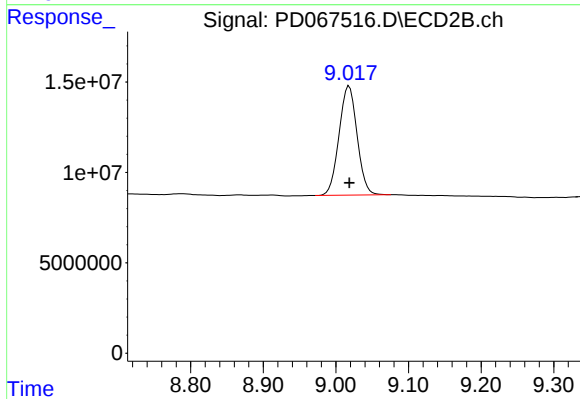
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.004 min
Response: 3489646
Conc: 0.56 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 19207997
Conc: 21.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 104522104
Conc: 21.99 ng/ml