

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010622\
 Data File : PD067622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2022 10:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/06/2022
 Supervised By : Ankita Jodhani 01/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 00:10:03 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...	3.433	3.962	34319462	132.2E6	18.886	20.033
28)	SA Decachlor...	8.155	9.016	15866460	86427032	17.862	18.185
Target Compounds							
2)	A alpha-BHC	3.869	4.355	25897025	91533106	8.979	9.865m
3)	MA gamma-BHC...	4.150	4.640	24072509	83035614	9.051	9.853m
6)	B beta-BHC	4.400	4.818	11836785	42606251	10.771	10.927m
12)	B 4,4'-DDE	5.573	6.296	506224	1032701	0.229m	0.168m#
14)	MA Endrin	5.964	6.666	87623913	240.9E6	41.713	43.447
16)	A 4,4'-DDD	6.089	6.791	4402716	10766176	2.563	2.151m
17)	MA 4,4'-DDT	6.328	7.089	152.6E6	461.8E6	93.385	86.299
18)	B Endrin al...	6.403	7.005	2730202	6348842	1.797m	1.407m
20)	A Methoxychlor	6.875	7.553	171.5E6	529.9E6	202.089	182.649
21)	B Endrin ke...	7.106	7.700	5618937	14097688	3.283m	2.247m#

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

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Acq On : 05 Jan 2022 10:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

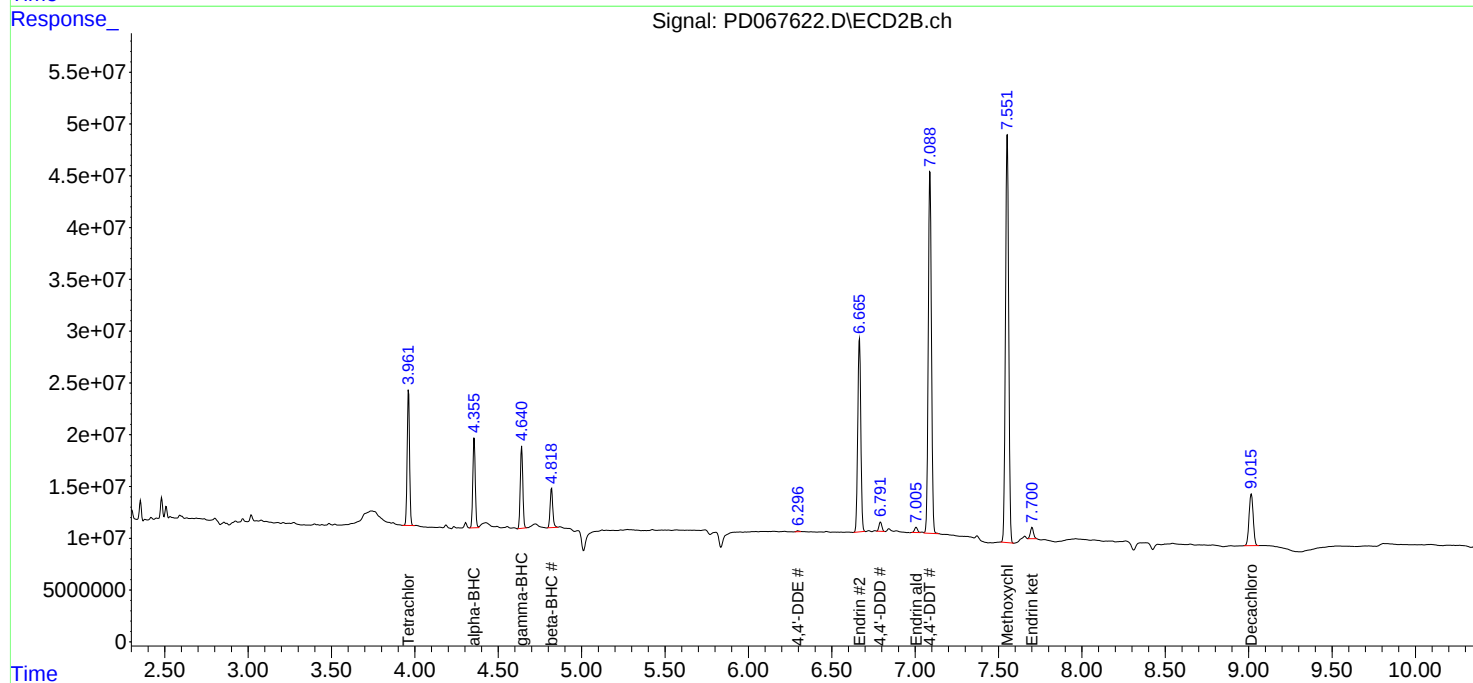
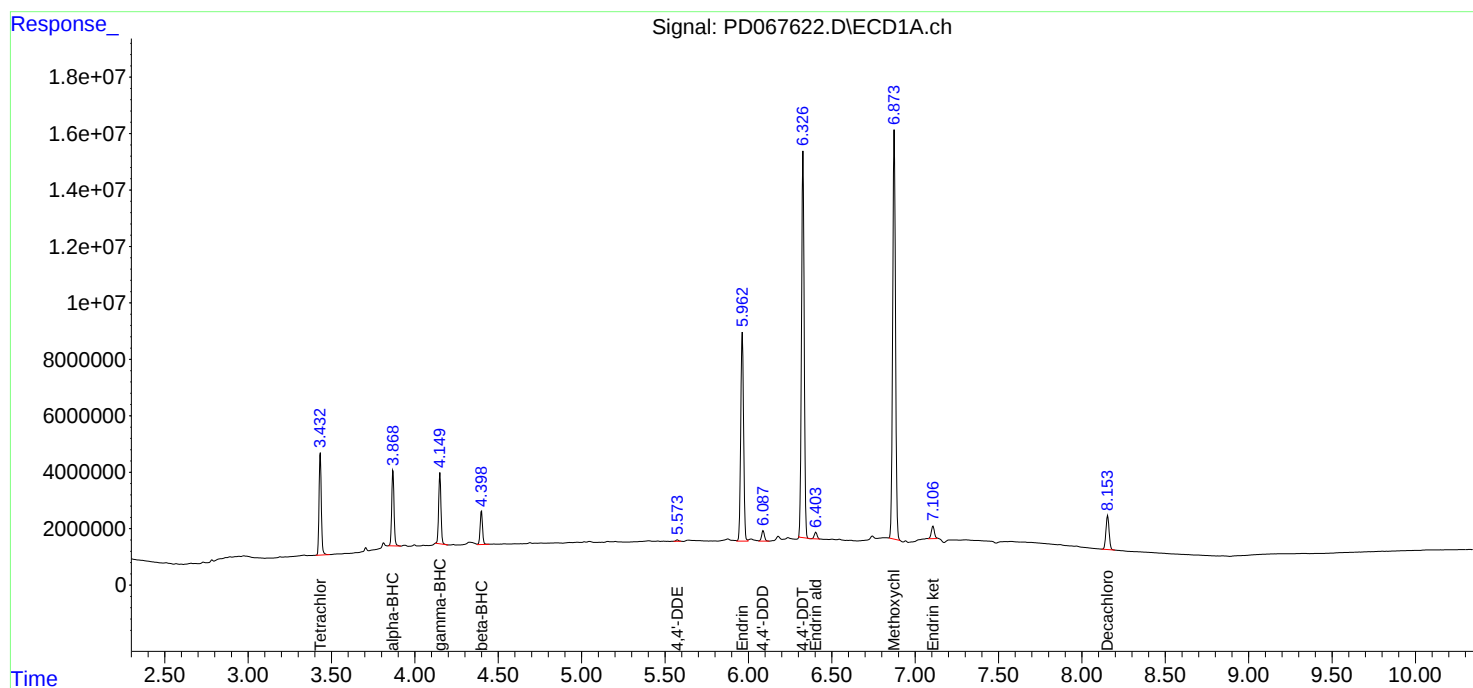
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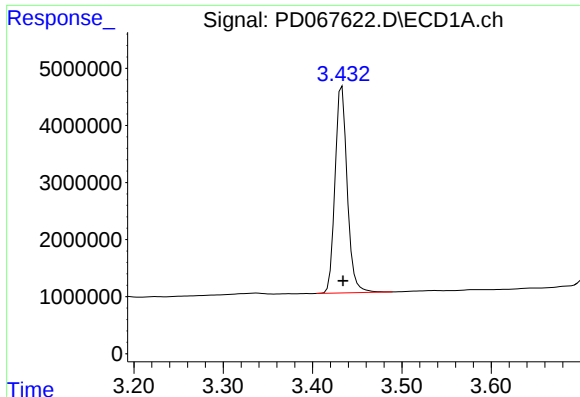
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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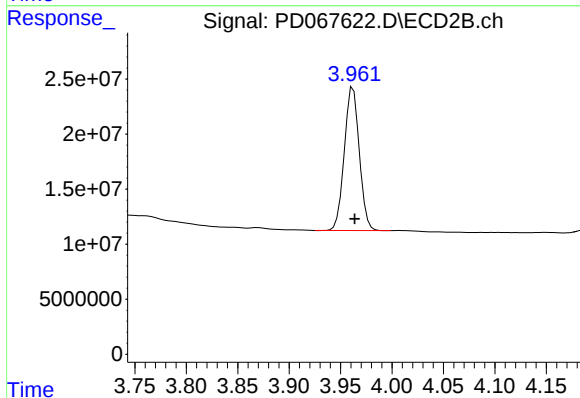
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: -0.001 min
Response: 34319462
Conc: 18.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

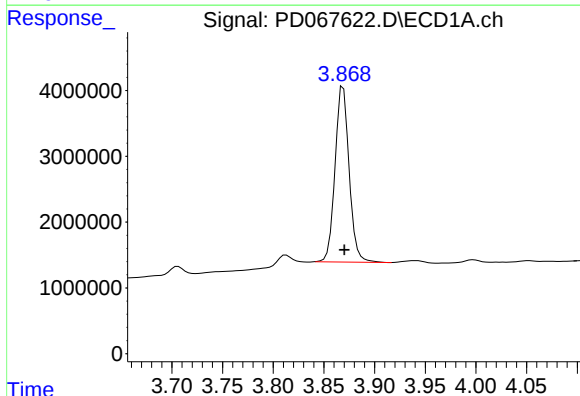
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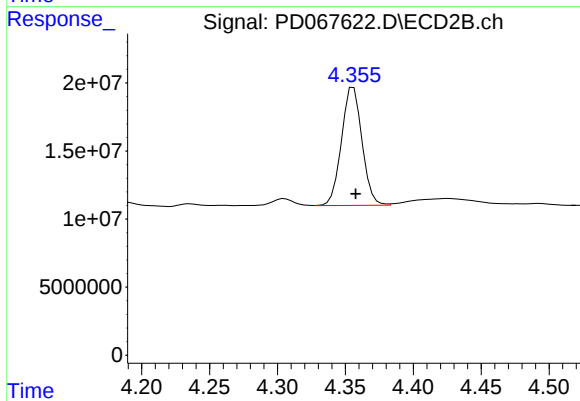
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 132181624
Conc: 20.03 ng/ml



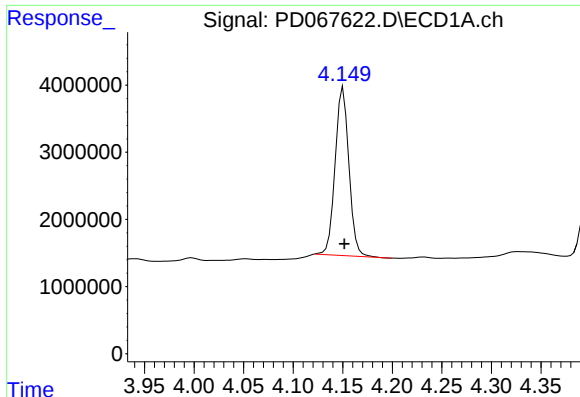
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 25897025
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 91533106
Conc: 9.87 ng/ml m



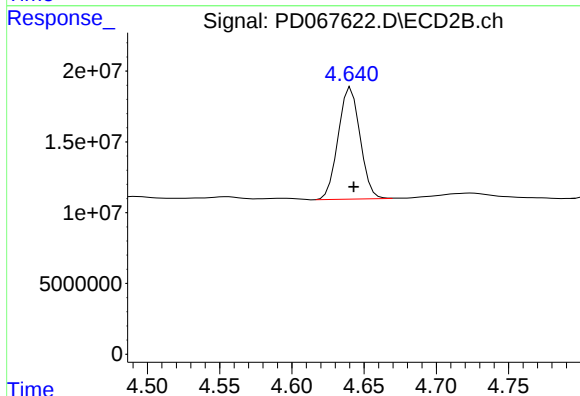
#3 gamma-BHC (Lindane)

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 24072509
Conc: 9.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

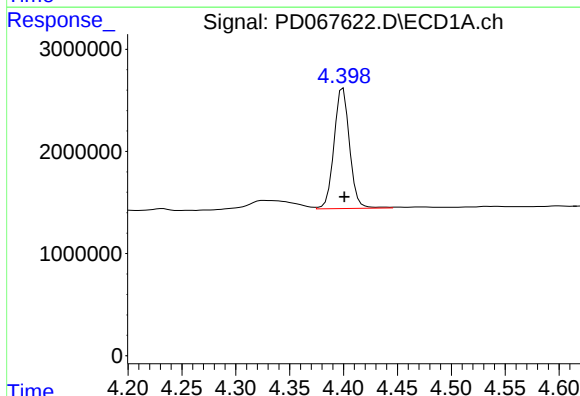
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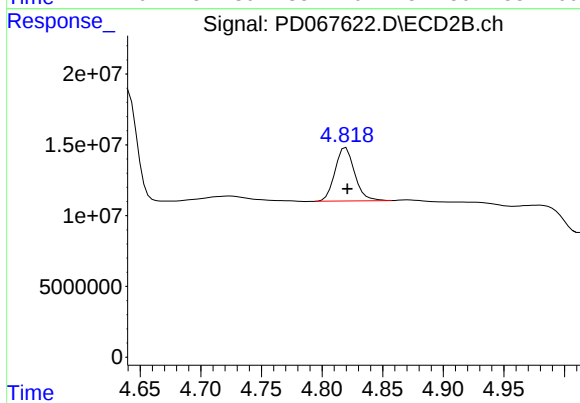
#3 gamma-BHC (Lindane)

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 83035614
Conc: 9.85 ng/ml m



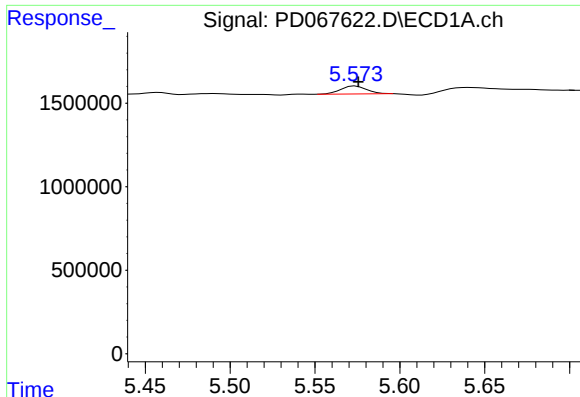
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: -0.001 min
Response: 11836785
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: -0.003 min
Response: 42606251
Conc: 10.93 ng/ml m



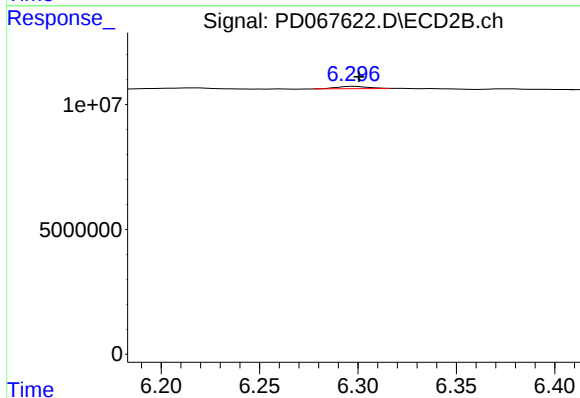
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 506224
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#12 4,4'-DDE

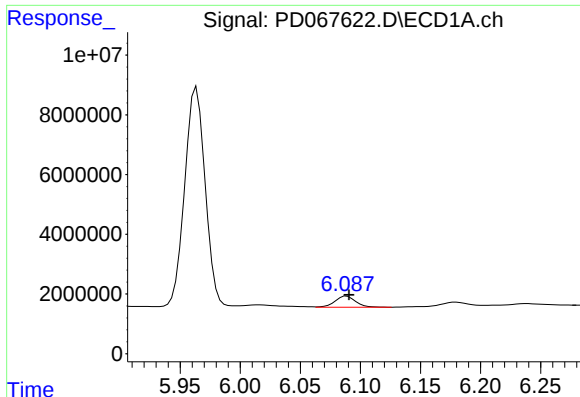
R.T.: 6.296 min
Delta R.T.: -0.004 min
Response: 1032701
Conc: 0.17 ng/ml m

#14 Endrin

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 87623913
Conc: 41.71 ng/ml

#14 Endrin

R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 240862802
Conc: 43.45 ng/ml



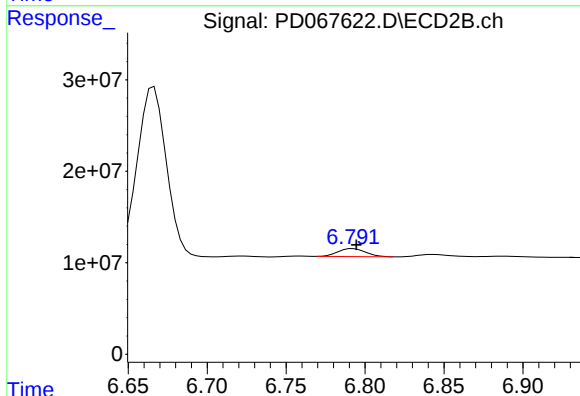
#16 4,4'-DDD

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 4402716
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

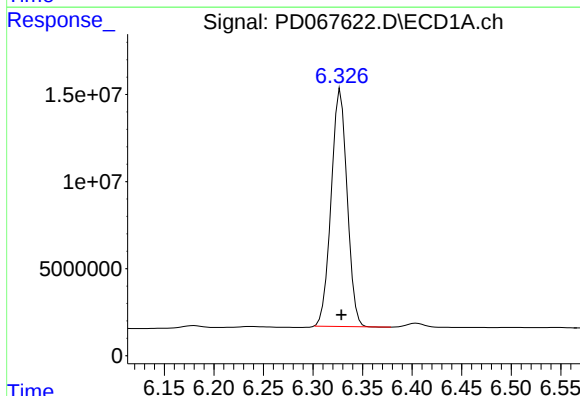
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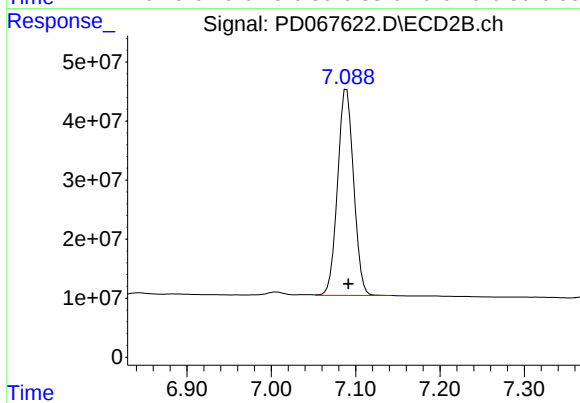
#16 4,4'-DDD

R.T.: 6.791 min
Delta R.T.: -0.004 min
Response: 10766176
Conc: 2.15 ng/ml m



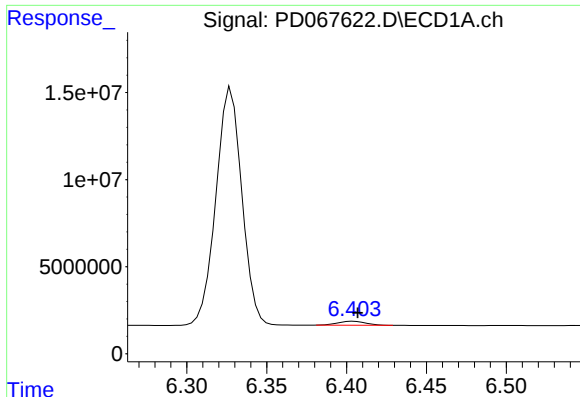
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: -0.001 min
Response: 152592939
Conc: 93.39 ng/ml



#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 461782736
Conc: 86.30 ng/ml



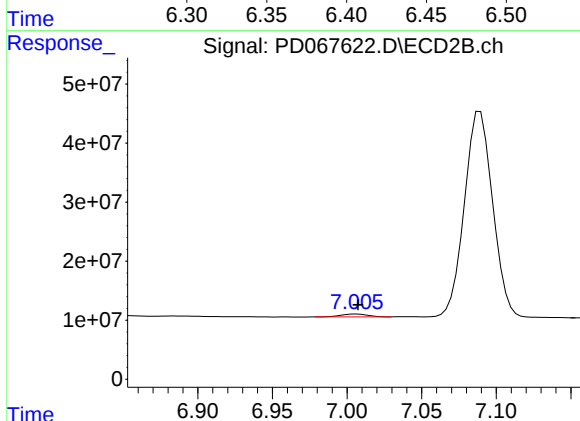
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 2730202
Conc: 1.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

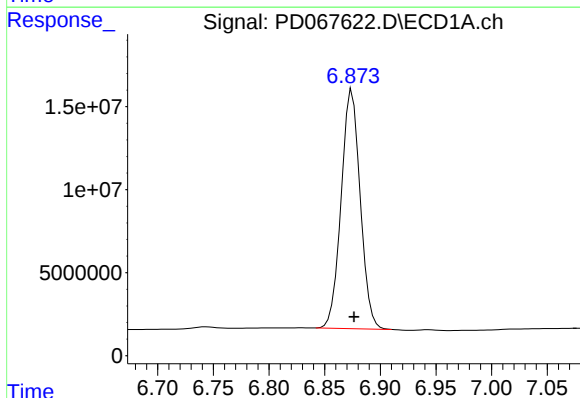
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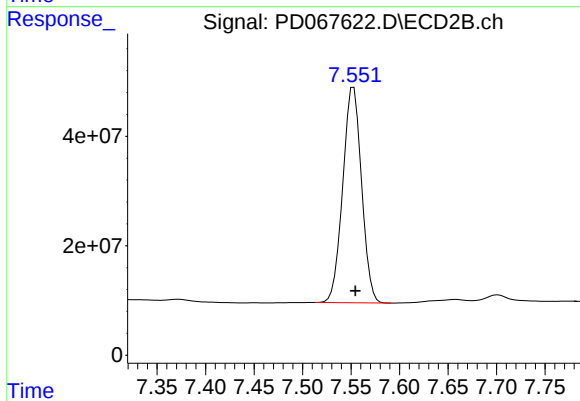
#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 6348842
Conc: 1.41 ng/ml m



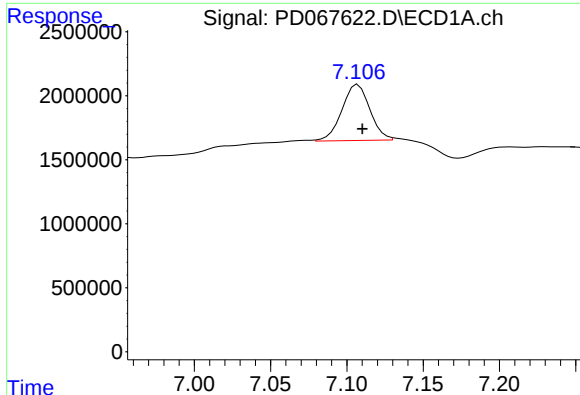
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 171549706
Conc: 202.09 ng/ml



#20 Methoxychlor

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 529945979
Conc: 182.65 ng/ml



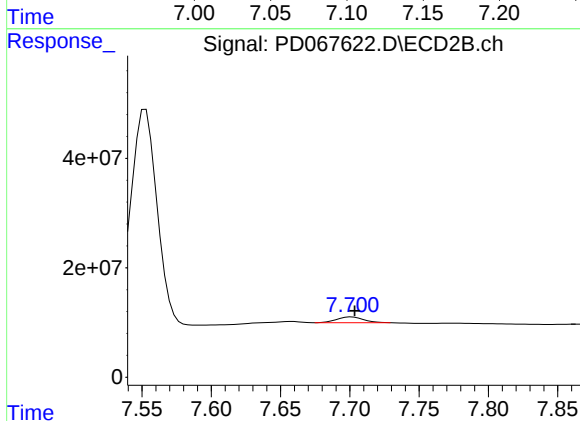
#21 Endrin ketone

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 5618937
Conc: 3.28 ng/ml

Instrument :
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ClientSampleId :
PEM

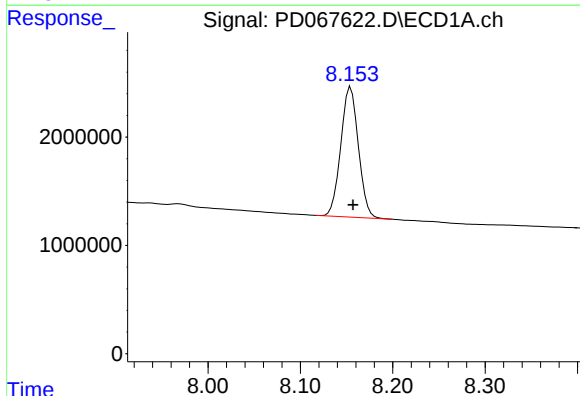
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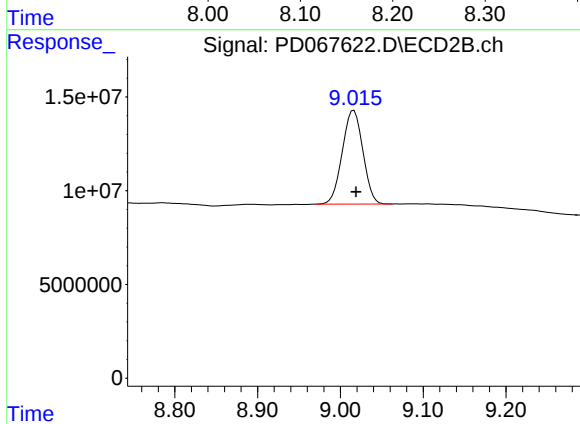
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.004 min
Response: 14097688
Conc: 2.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 15866460
Conc: 17.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 86427032
Conc: 18.19 ng/ml