

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102821\
 Data File : PD066574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2021 20:04
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 03:33:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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 x0.2 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...	3.439	3.969	37402638	170.7E6	20.046	21.090
28)	SA Decachlor...	8.166	9.023	24622544	116.4E6	21.311	21.603
Target Compounds							
2)	A alpha-BHC	3.876	4.362	29098275	119.5E6	9.518	10.828
3)	MA gamma-BHC...	4.158	4.647	30437855	107.5E6	10.079	10.791
6)	B beta-BHC	4.407	4.824	14878957	53664076	11.911	11.525
12)	B 4,4'-DDE	5.583	6.304	691896	2724820	0.297m	0.346
14)	MA Endrin	5.973	6.673	102.5E6	330.9E6	48.989	48.071
16)	A 4,4'-DDD	6.099	6.799	2800614	10923622	1.494	1.608
17)	MA 4,4'-DDT	6.337	7.096	192.0E6	631.2E6	99.814	87.032
18)	B Endrin al...	6.414	7.012	3562678	6685543	2.305	1.175 #
20)	A Methoxychlor	6.885	7.558	227.3E6	808.4E6	220.110	198.431
21)	B Endrin ke...	7.117	7.707	6847851	19010880	3.138	2.261 #

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

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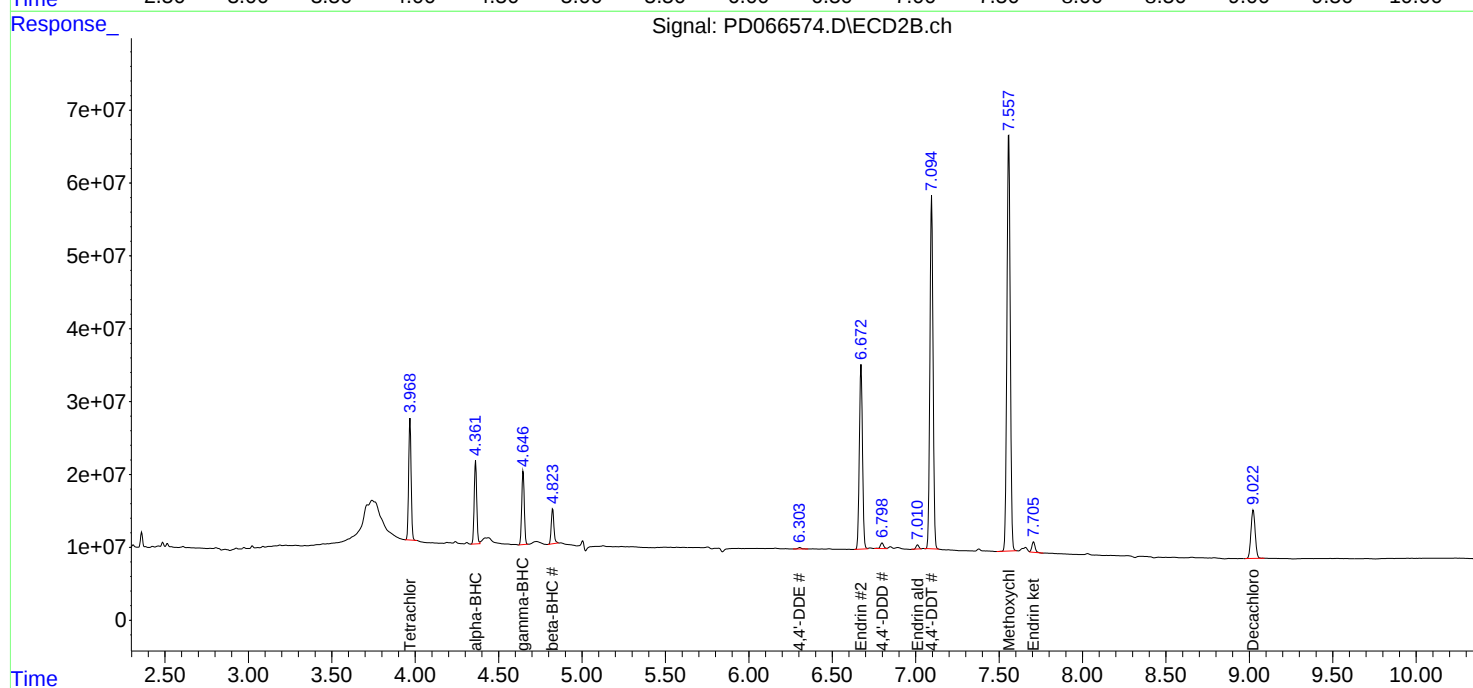
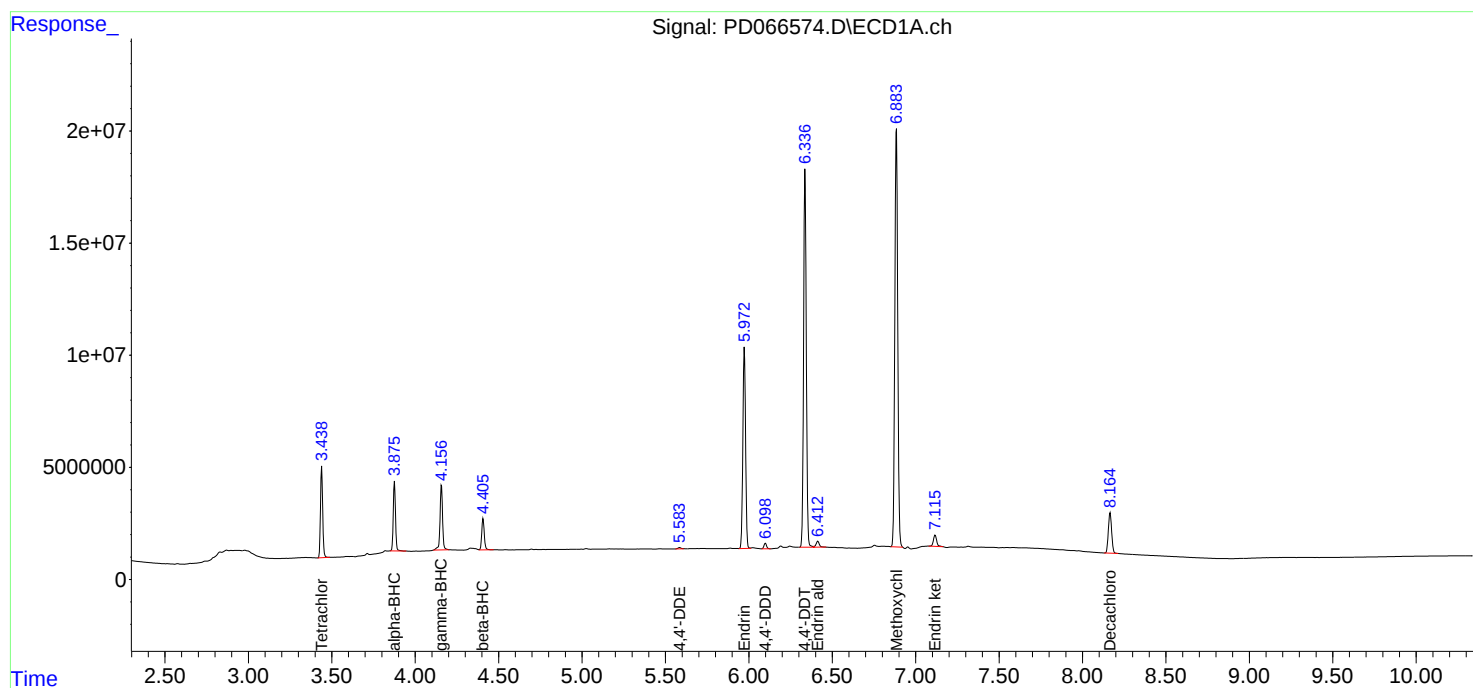
Instrument :
ECD_D
ClientSampleId :
PEM

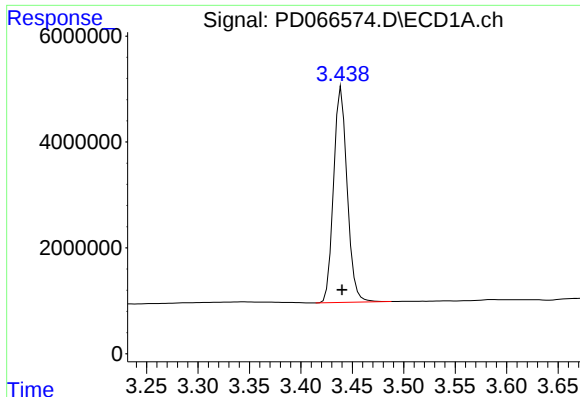
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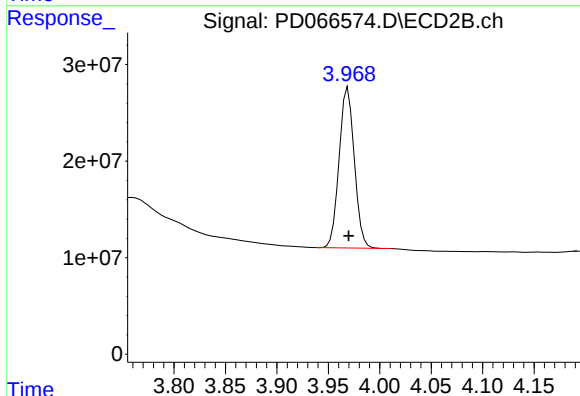
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 37402638
Conc: 20.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

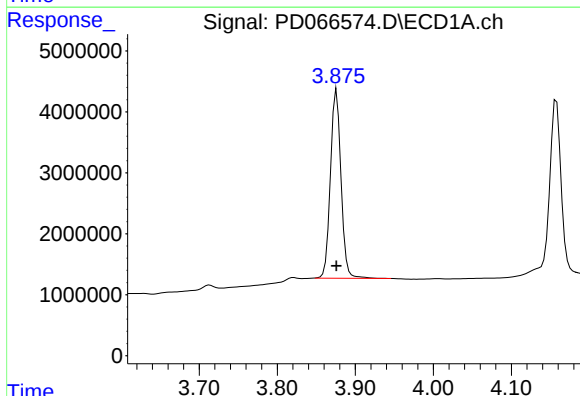
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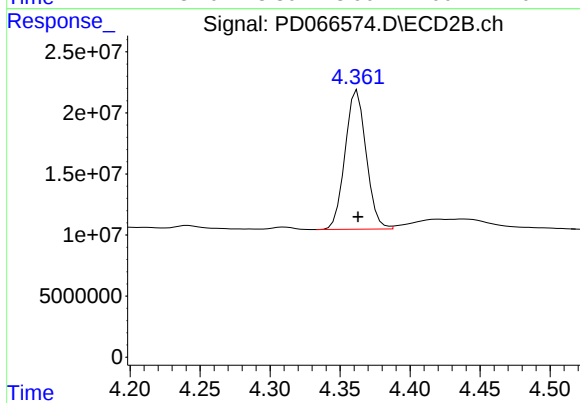
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 170667295
Conc: 21.09 ng/ml



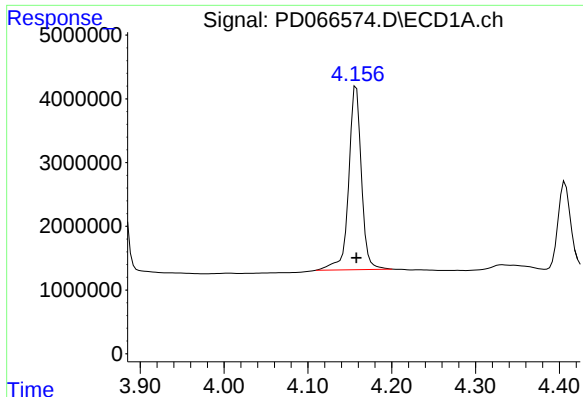
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 29098275
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 119456674
Conc: 10.83 ng/ml



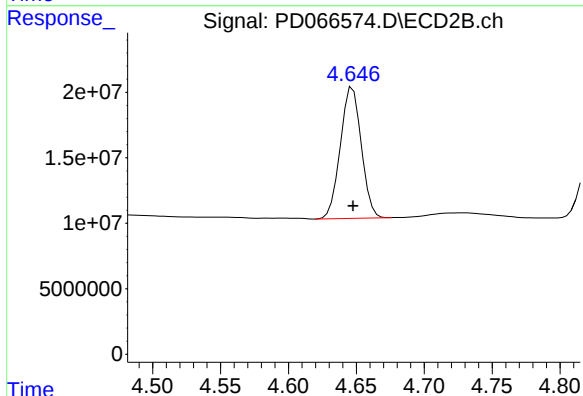
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 30437855
Conc: 10.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

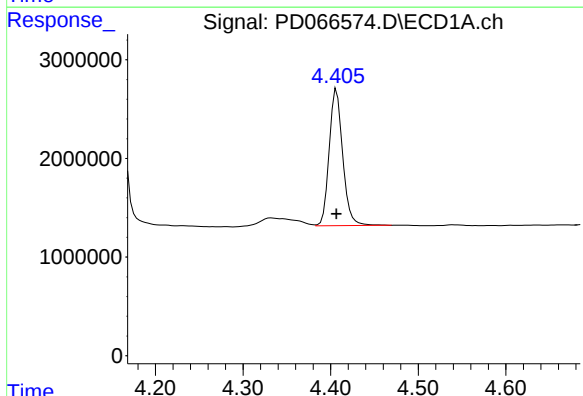
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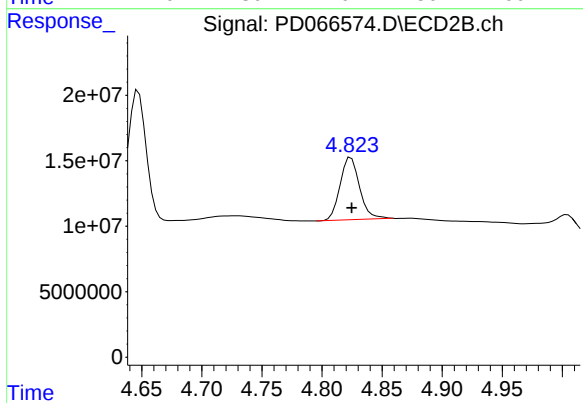
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 107532670
Conc: 10.79 ng/ml



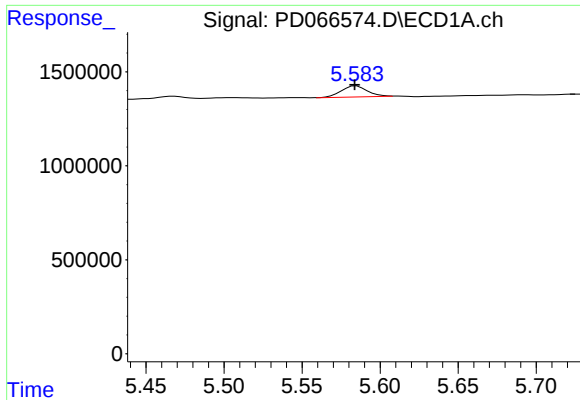
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 14878957
Conc: 11.91 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 53664076
Conc: 11.52 ng/ml



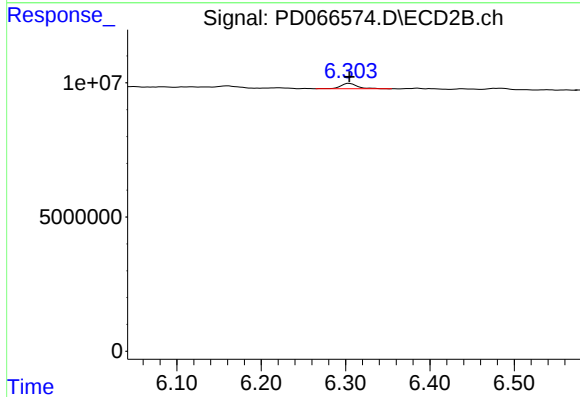
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 691896
Conc: 0.30 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

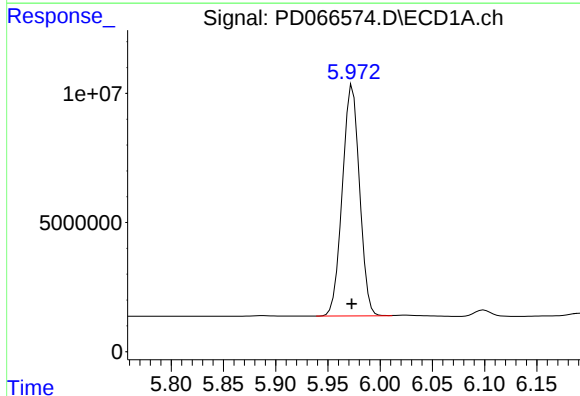
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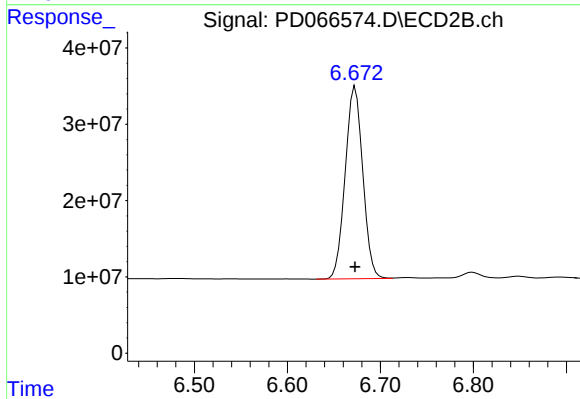
#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 2724820
Conc: 0.35 ng/ml



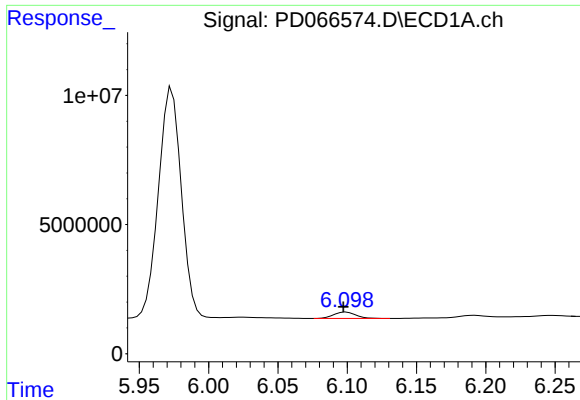
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 102525562
Conc: 48.99 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 330850894
Conc: 48.07 ng/ml



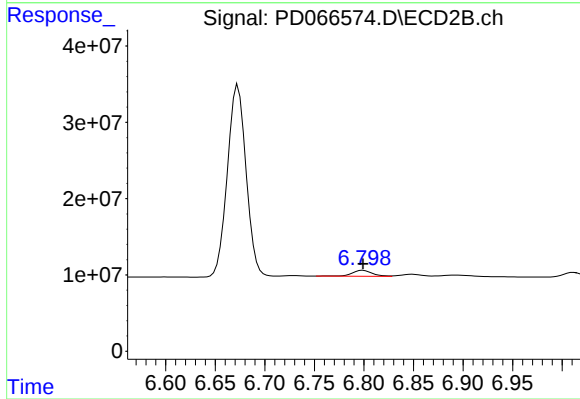
#16 4,4'-DDD

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 2800614
Conc: 1.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

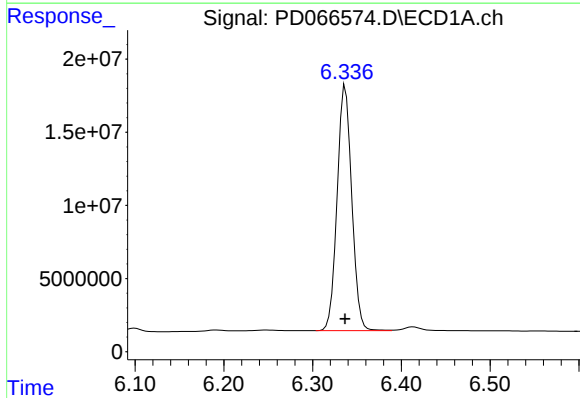
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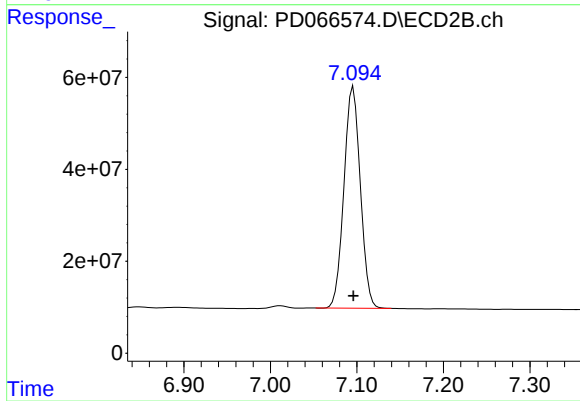
#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 10923622
Conc: 1.61 ng/ml



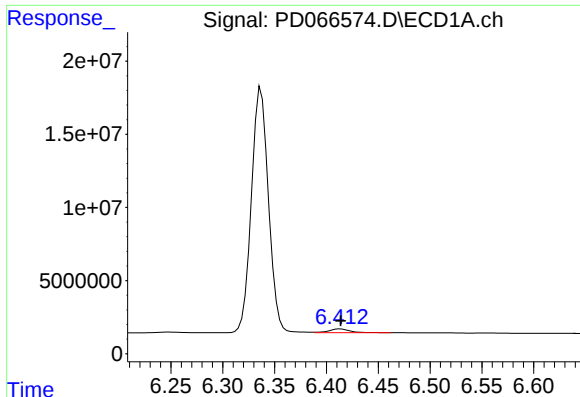
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 191988638
Conc: 99.81 ng/ml



#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 631241492
Conc: 87.03 ng/ml



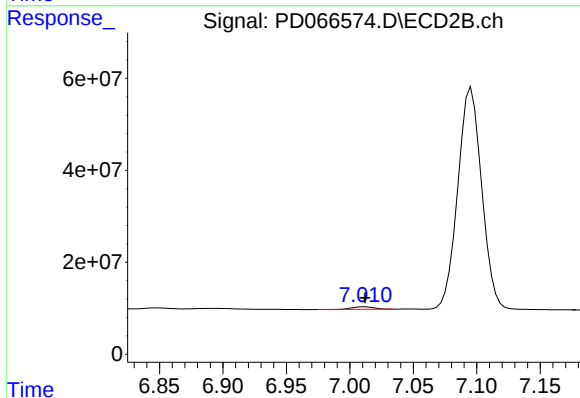
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 3562678
Conc: 2.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

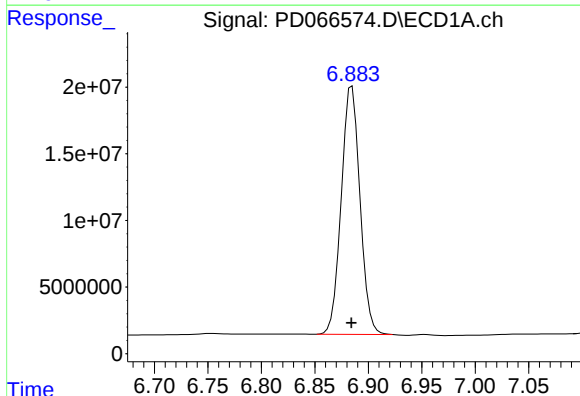
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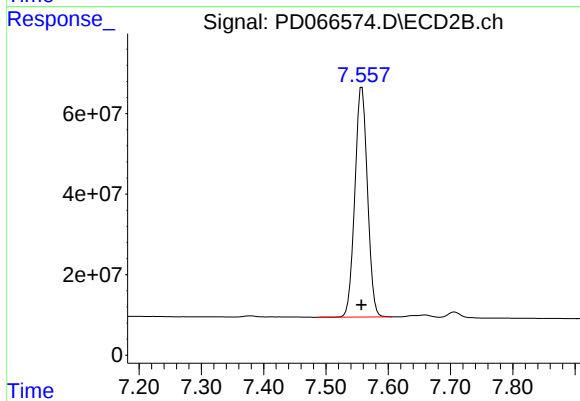
#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 6685543
Conc: 1.18 ng/ml



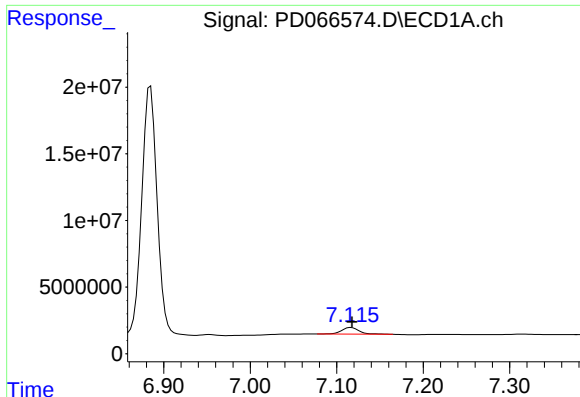
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 227306155
Conc: 220.11 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 808361200
Conc: 198.43 ng/ml



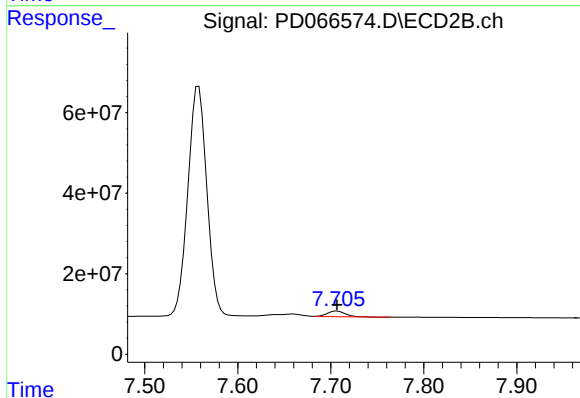
#21 Endrin ketone

R.T.: 7.117 min
Delta R.T.: -0.001 min
Response: 6847851
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

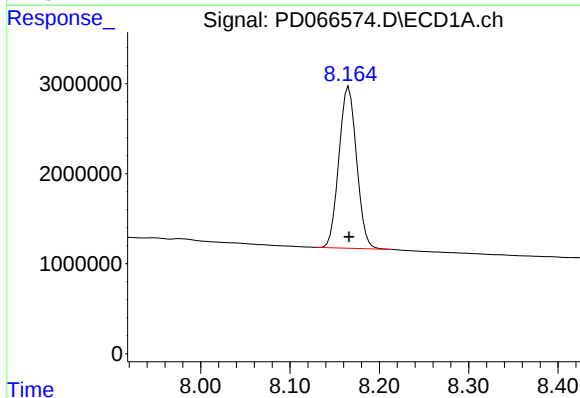
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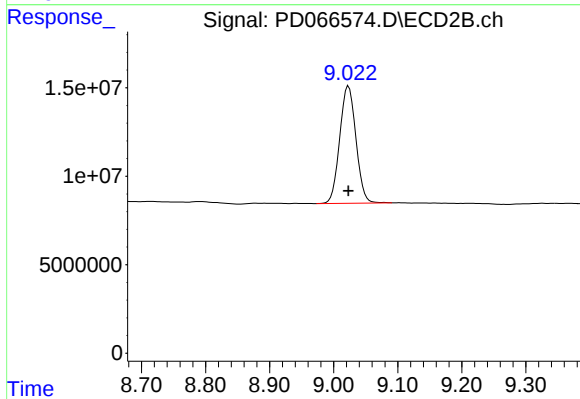
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 19010880
Conc: 2.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 24622544
Conc: 21.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 116361512
Conc: 21.60 ng/ml