

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091521\
 Data File : PD065733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2021 03:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 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: Sep 16 07:48:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 16 02:05:31 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...	3.494	4.012	17641485	154.4E6	22.594	24.374
28)	SA Decachlor...	8.237	9.084	27302991	82388665	24.517	23.722
Target Compounds							
2)	A alpha-BHC	3.933	4.407	12209499	112.2E6	10.583	12.288
3)	MA gamma-BHC...	4.217	4.693	12413923	103.6E6	10.780	12.116
6)	B beta-BHC	4.465	4.870	7176002	53337961	11.233	12.585
12)	B 4,4'-DDE	5.649	6.356	190470	1500751	0.177m	0.245 #
14)	MA Endrin	6.044	6.727	59680236	293.4E6	53.849	53.098
16)	A 4,4'-DDD	6.166	6.851	964520	8196573	1.006	1.597 #
17)	MA 4,4'-DDT	6.406	7.148	118.8E6	525.0E6	112.496	109.210
18)	B Endrin al...	6.479	7.065	478515	547359	0.483m	0.121m#
20)	A Methoxychlor	6.952	7.607	169.8E6	634.0E6	256.081	249.637
21)	B Endrin ke...	7.189	7.761	1518282	6143469	1.100	1.170

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

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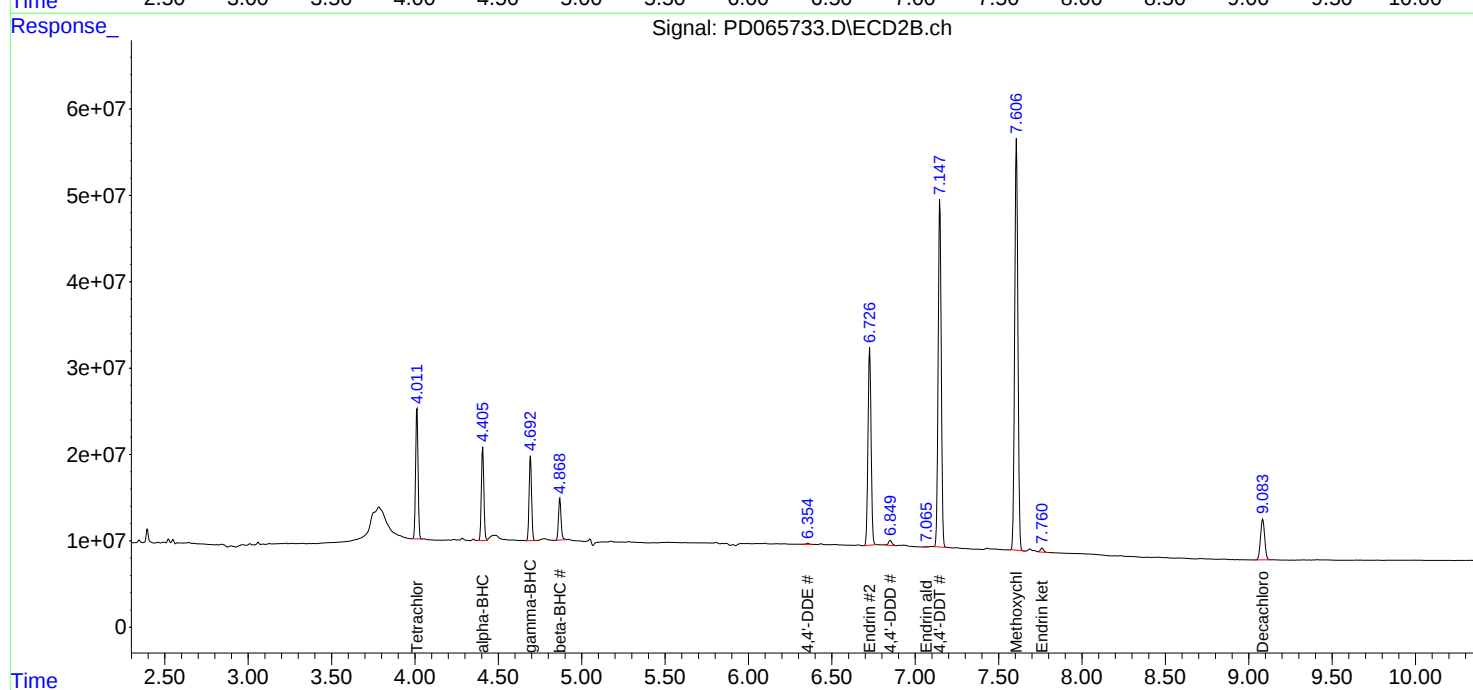
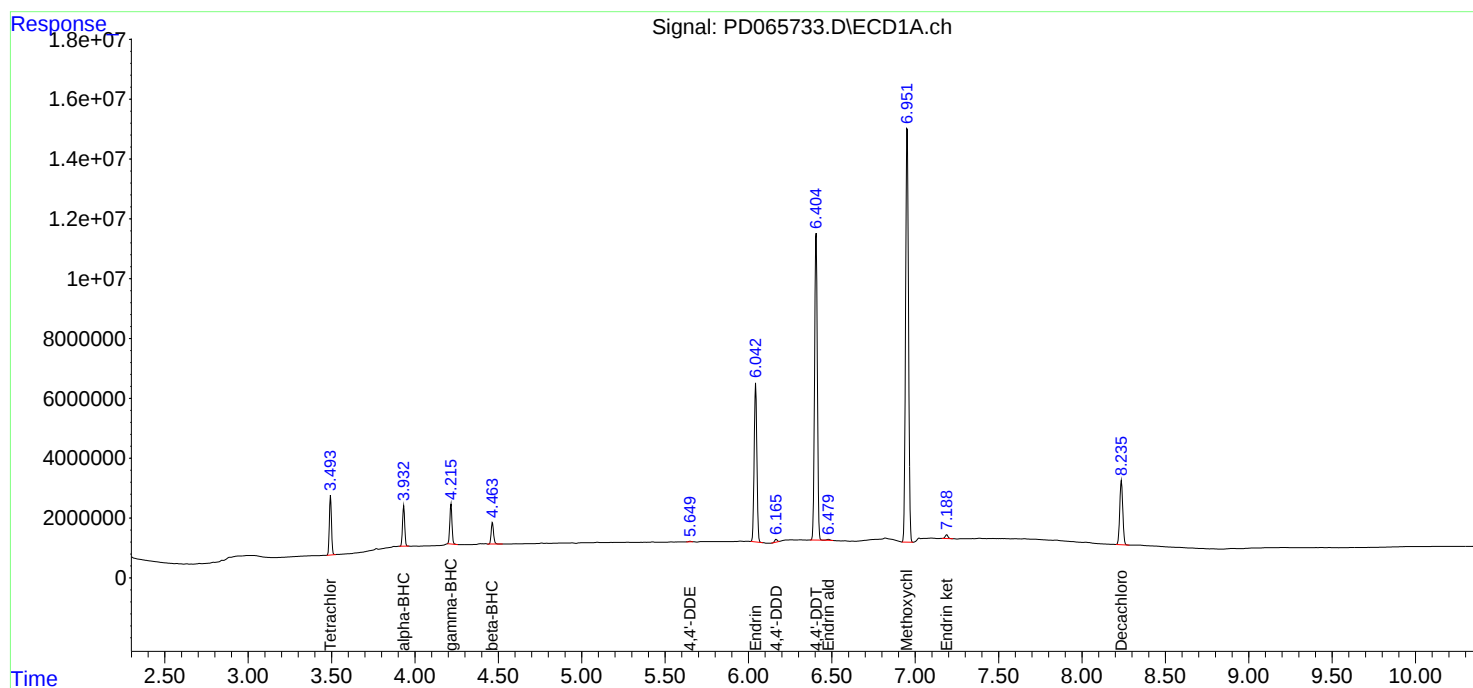
Instrument :
ECD_D
ClientSampleId :
PEM

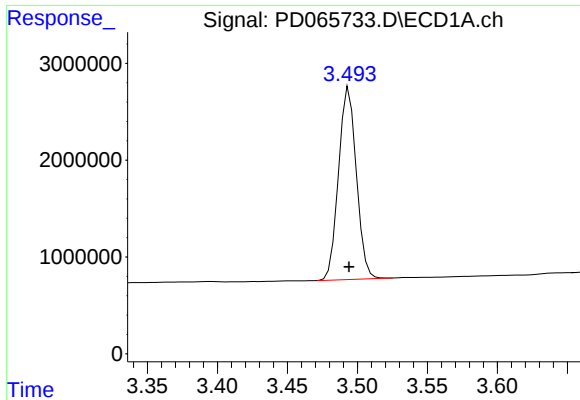
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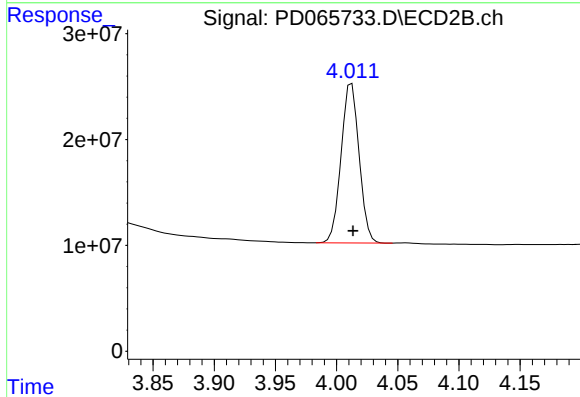
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 17641485
Conc: 22.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

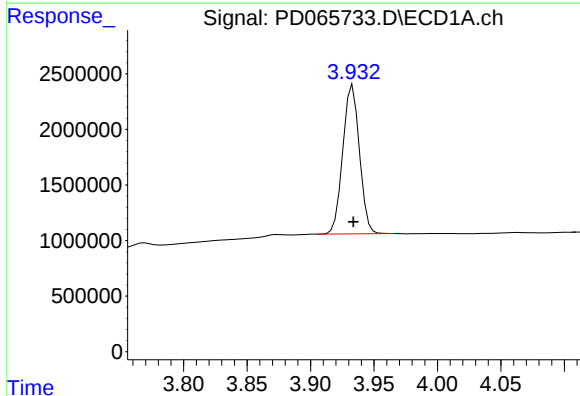
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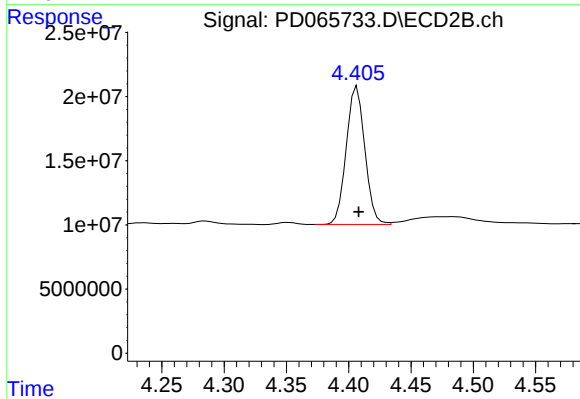
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 154404124
Conc: 24.37 ng/ml



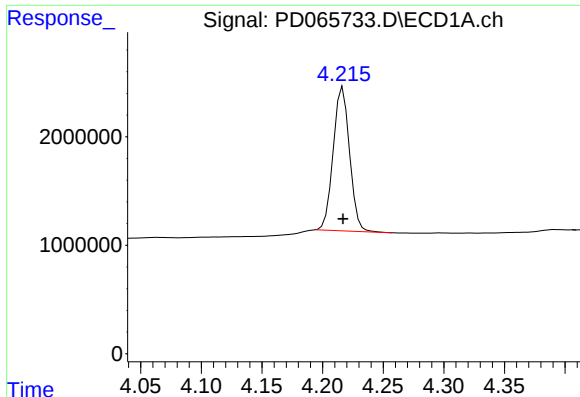
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 12209499
Conc: 10.58 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 112192211
Conc: 12.29 ng/ml



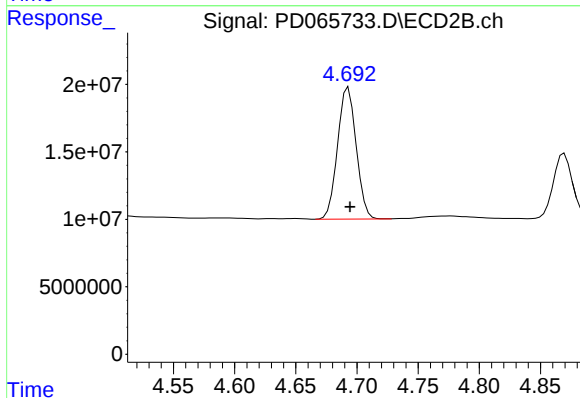
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 12413923
Conc: 10.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

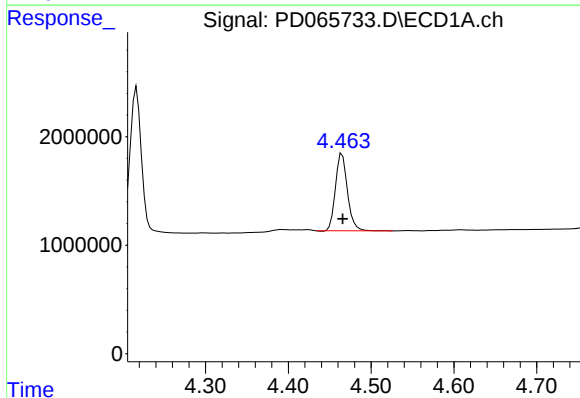
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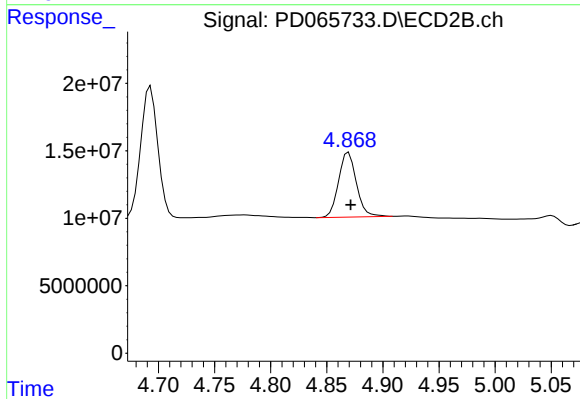
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 103594289
Conc: 12.12 ng/ml



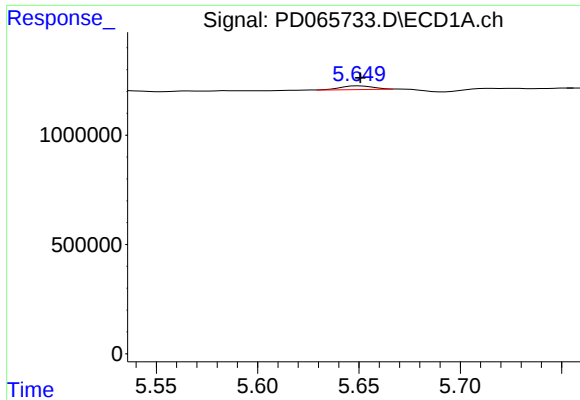
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 7176002
Conc: 11.23 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 53337961
Conc: 12.59 ng/ml



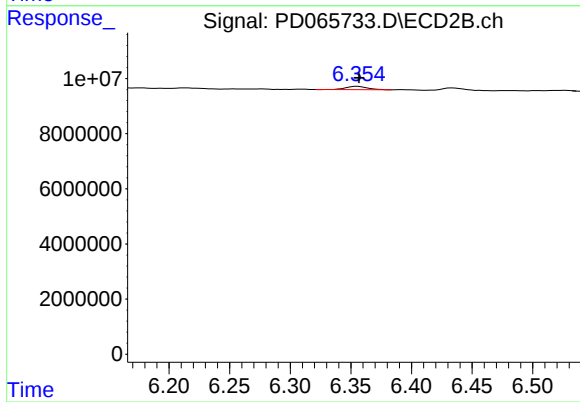
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 190470
Conc: 0.18 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

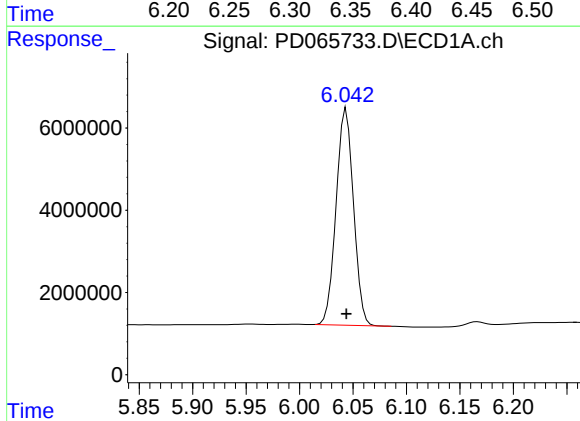
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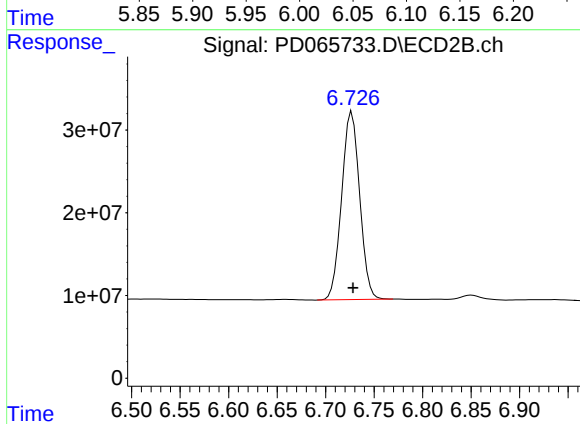
#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 1500751
Conc: 0.25 ng/ml



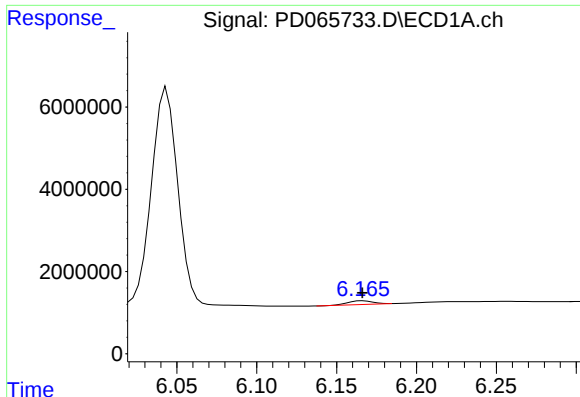
#14 Endrin

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 59680236
Conc: 53.85 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 293448119
Conc: 53.10 ng/ml



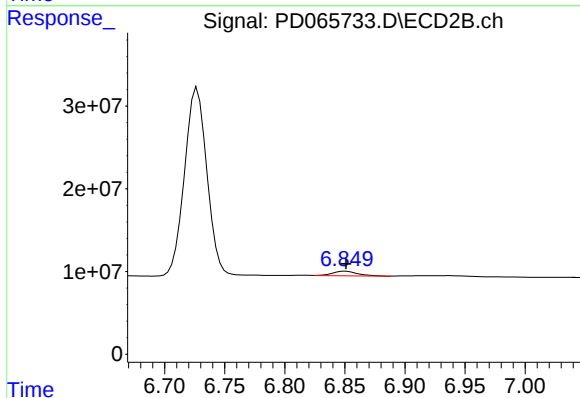
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 964520
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

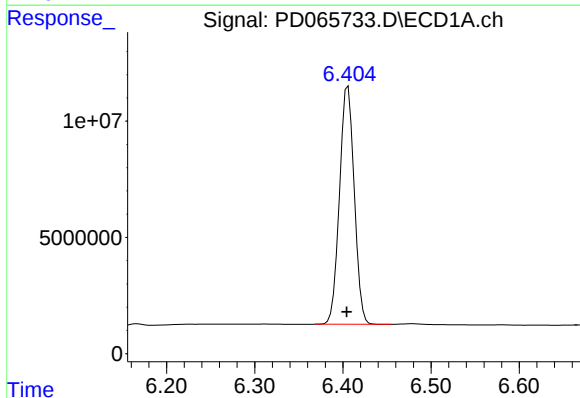
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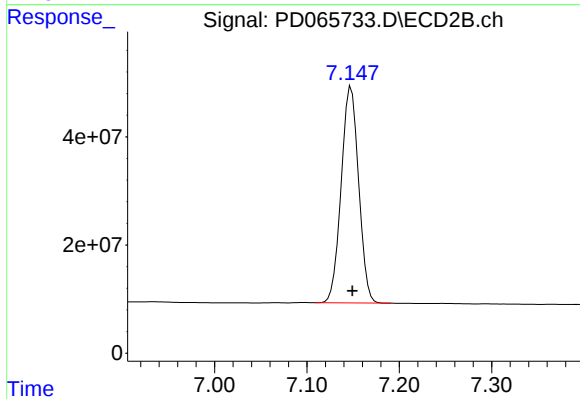
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 8196573
Conc: 1.60 ng/ml



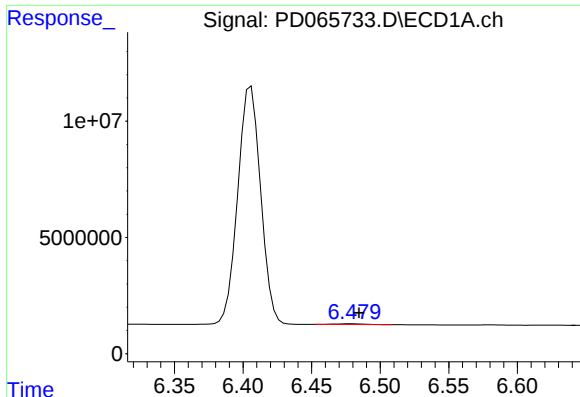
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: 0.001 min
Response: 118843450
Conc: 112.50 ng/ml



#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 525040284
Conc: 109.21 ng/ml



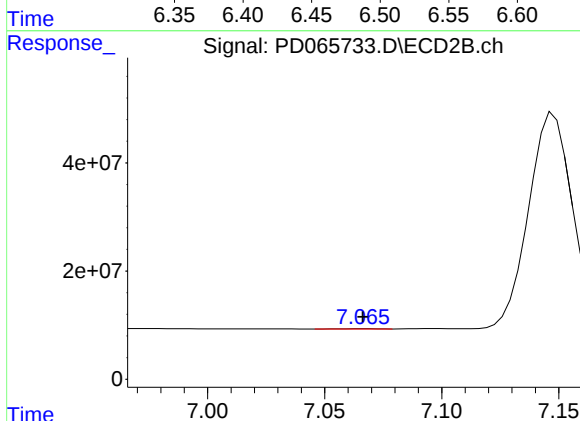
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 478515
Conc: 0.48 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

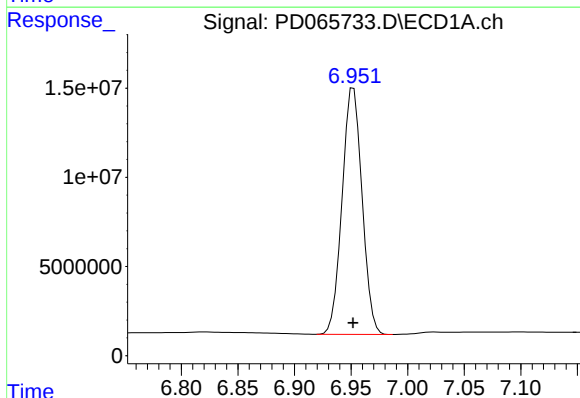
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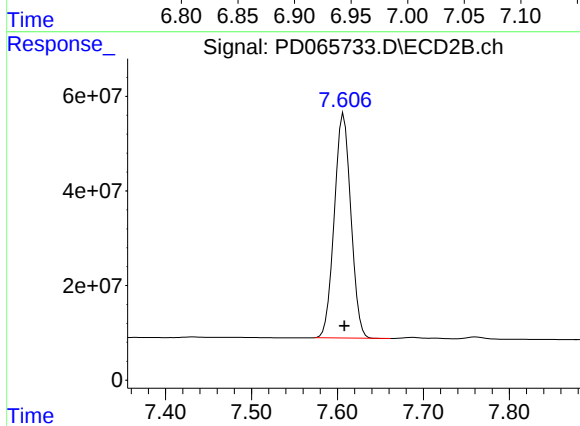
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 547359
Conc: 0.12 ng/ml m



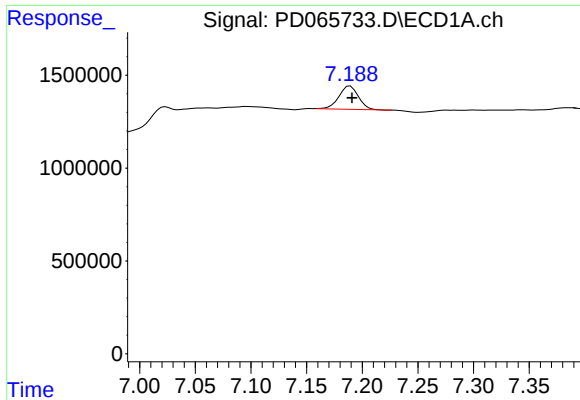
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 169829159
Conc: 256.08 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 633970318
Conc: 249.64 ng/ml



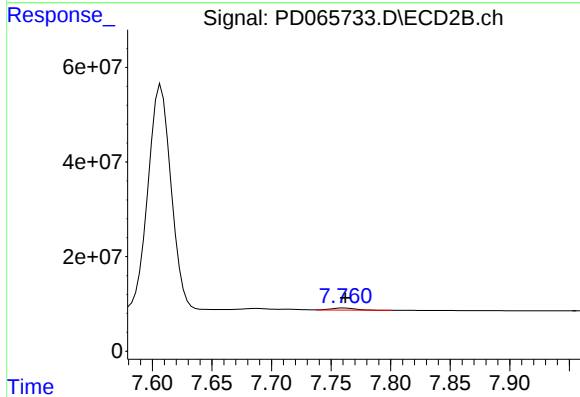
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 1518282
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

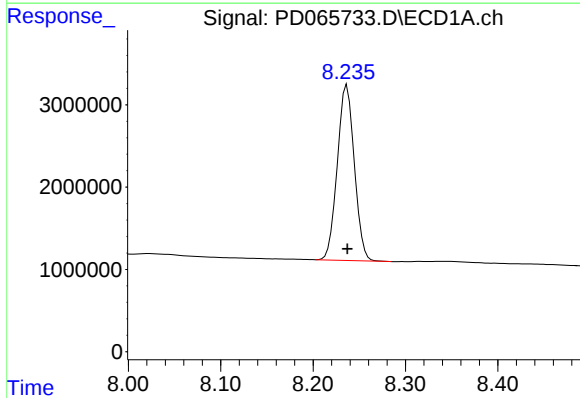
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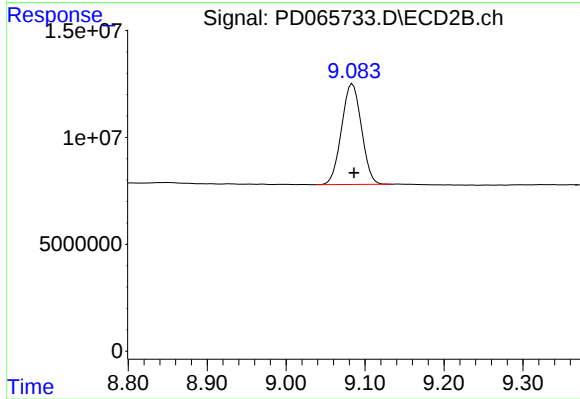
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 6143469
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 27302991
Conc: 24.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 82388665
Conc: 23.72 ng/ml