

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052620\
 Data File : PL058870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2020 11:40
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 5/28/2020 10:33:27 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 14:04:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 2020
 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...	3.530	4.077	36112147	49627404	19.694	18.323
28)	SA Decachlor...	8.310	9.188	32874218	44508913	19.457	16.884
Target Compounds							
2)	A alpha-BHC	3.972	4.470	25386013	32020223	9.337	7.979
3)	MA gamma-BHC...	4.257	4.757	20853173	30129371	8.835	7.950
6)	B beta-BHC	4.507	4.925	10068965	16654273	9.797	9.571
12)	B 4,4'-DDE	5.708	6.429	315447	698952	0.192m	0.245 #
14)	MA Endrin	6.103	6.803	69433438	100.6E6	44.302	40.318
16)	A 4,4'-DDD	6.227	6.920	4783485	7889540	3.379	3.307
17)	MA 4,4'-DDT	6.470	7.220	134.9E6	191.8E6	92.733	80.650
18)	B Endrin al...	6.542	7.134	1523707	2302603	1.080	0.976
20)	A Methoxychlor	7.016	7.675	174.0E6	252.1E6	204.020	180.775m
21)	B Endrin ke...	7.248	7.830	5233720	6624295	2.838	2.391

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

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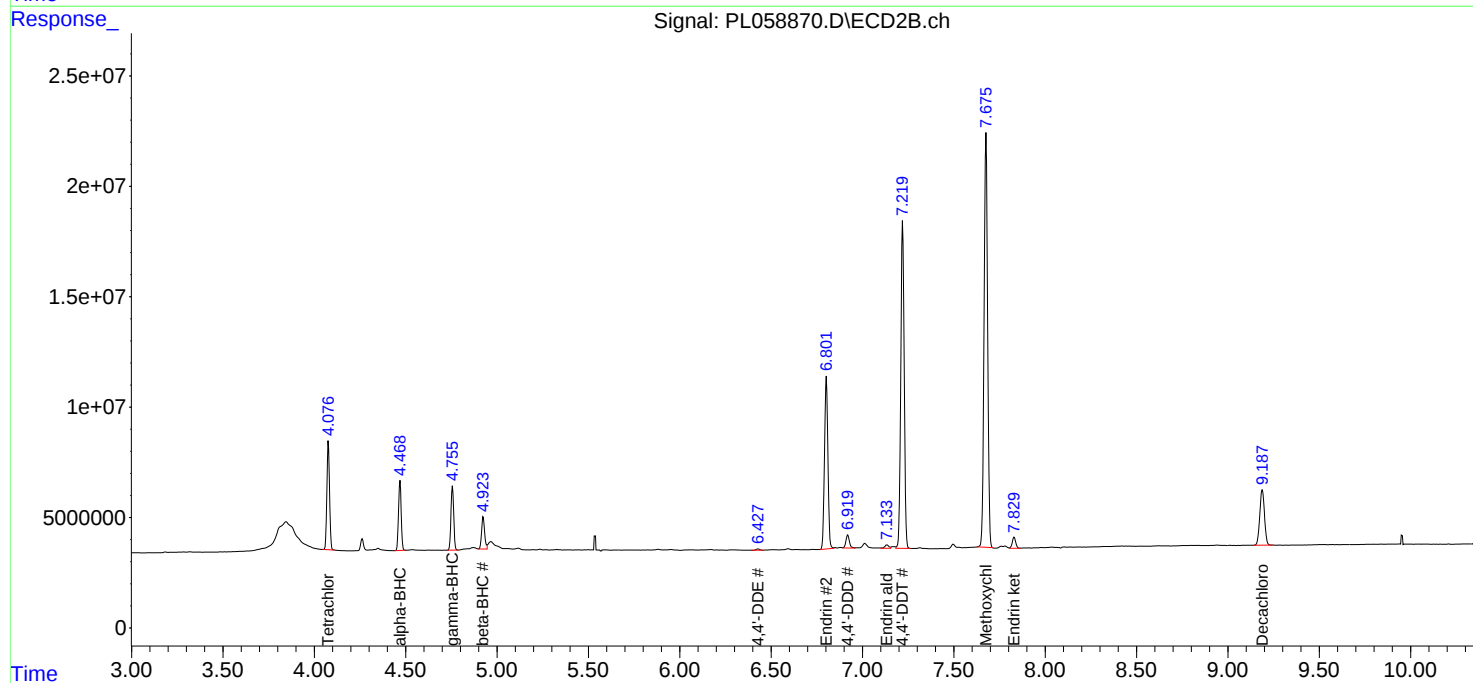
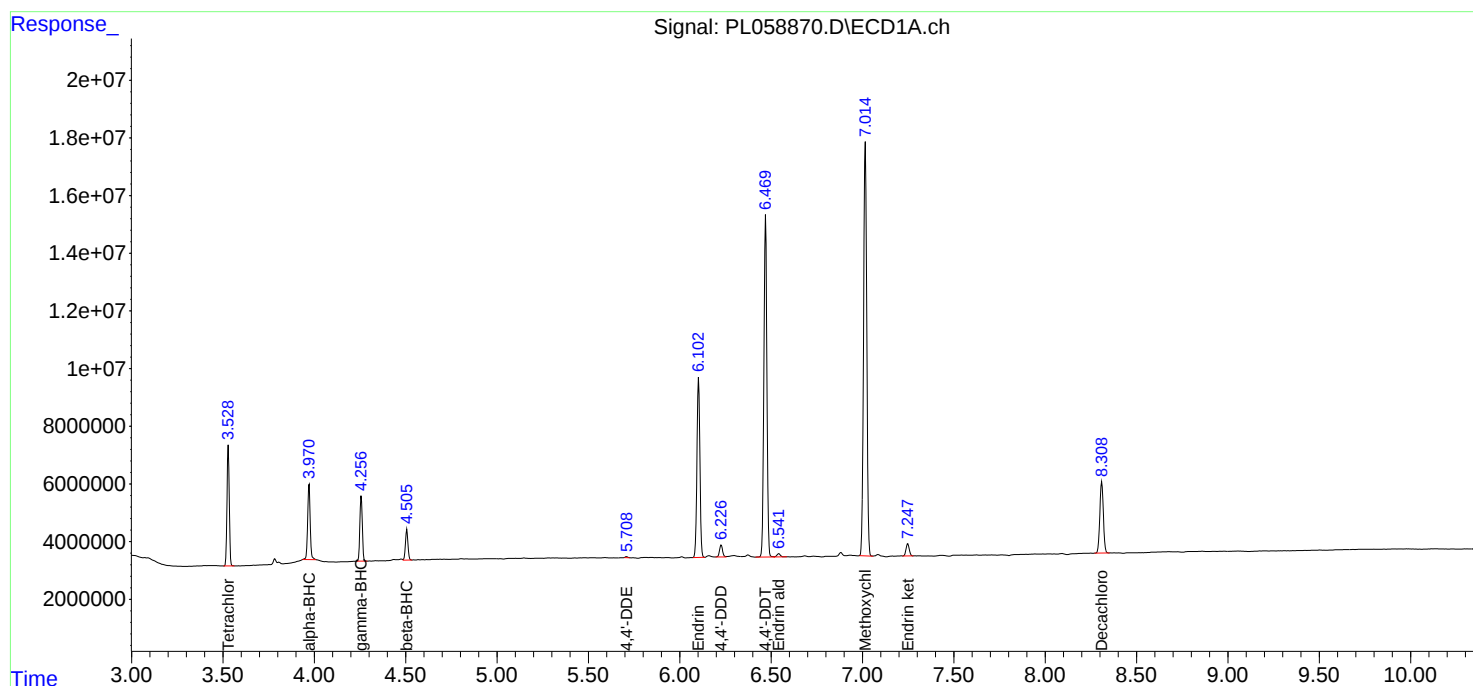
Instrument :
ECD_L
ClientSampled :
PEM

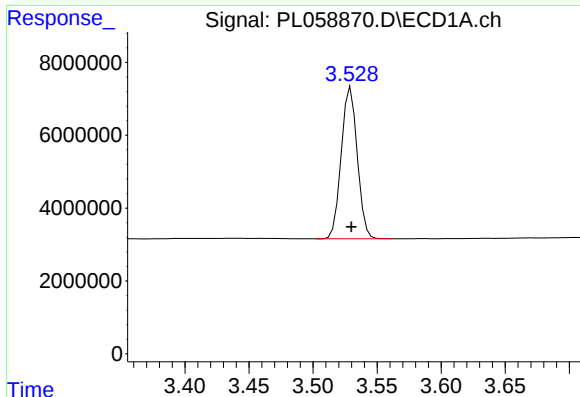
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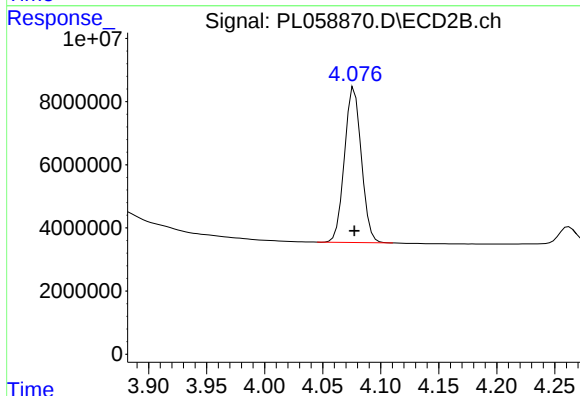
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 36112147
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

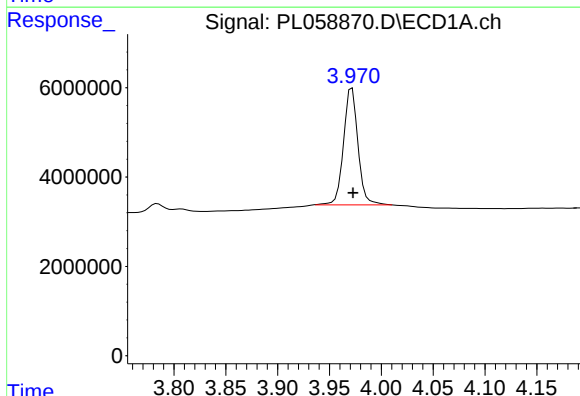
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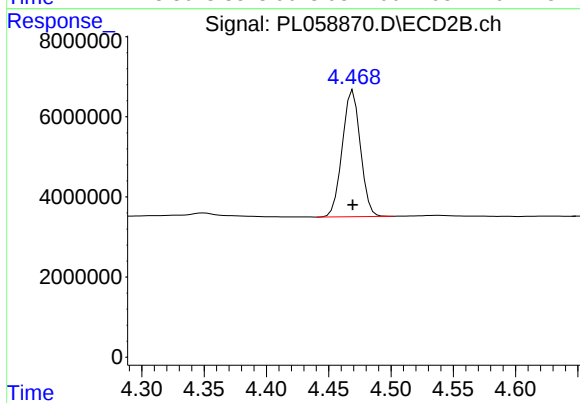
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 49627404
Conc: 18.32 ng/ml



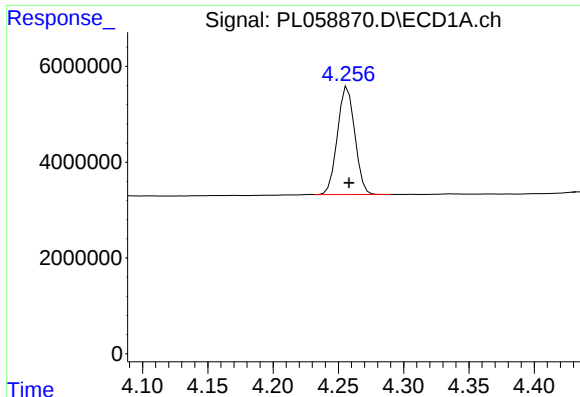
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 25386013
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 32020223
Conc: 7.98 ng/ml



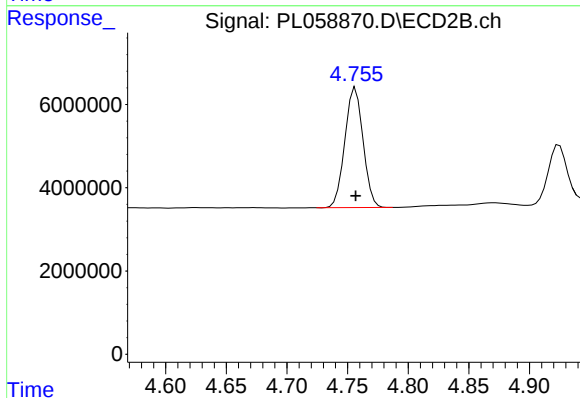
#3 gamma-BHC (Lindane)

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 20853173
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

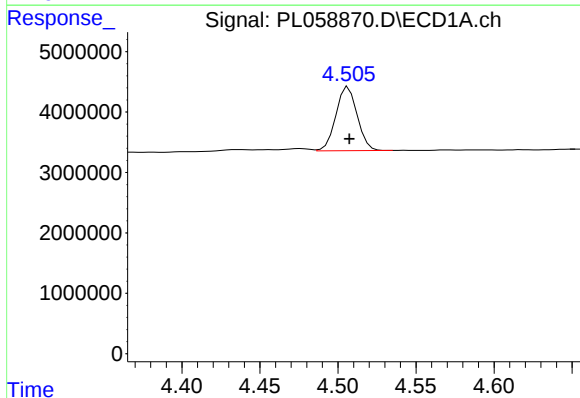
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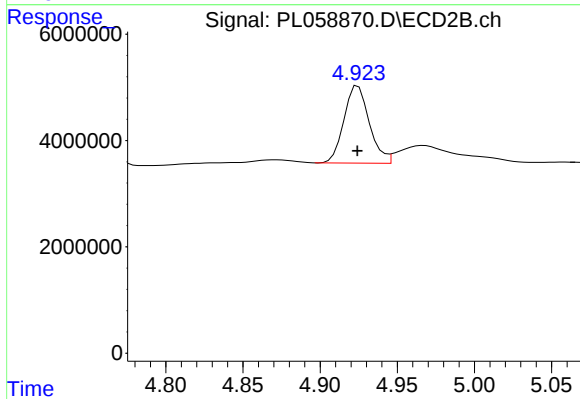
#3 gamma-BHC (Lindane)

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 30129371
Conc: 7.95 ng/ml



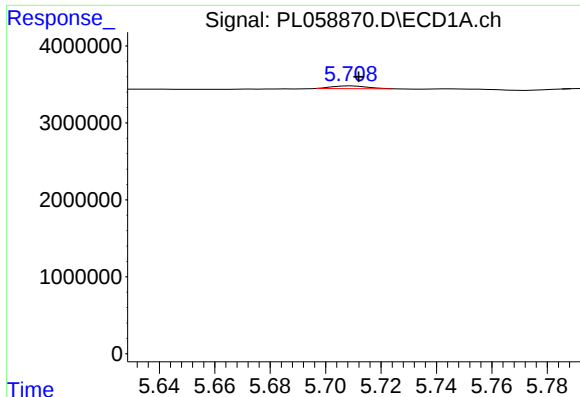
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 10068965
Conc: 9.80 ng/ml



#6 beta-BHC

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 16654273
Conc: 9.57 ng/ml



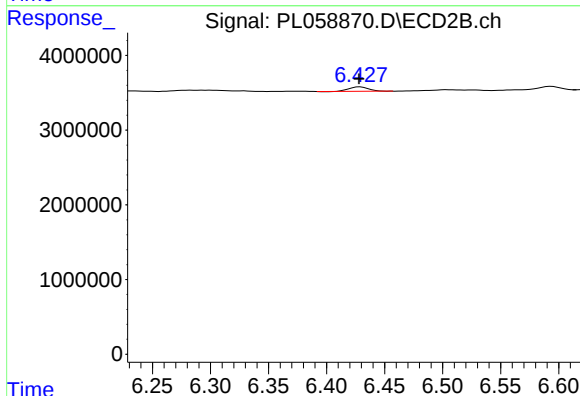
#12 4,4'-DDE

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 315447
Conc: 0.19 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

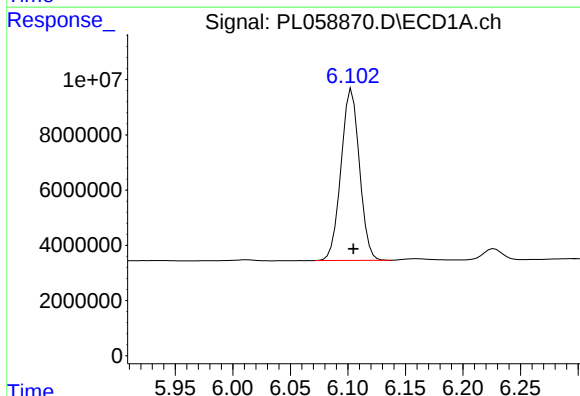
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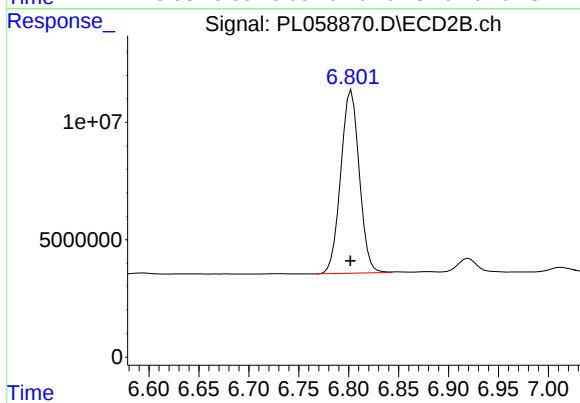
#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 698952
Conc: 0.24 ng/ml



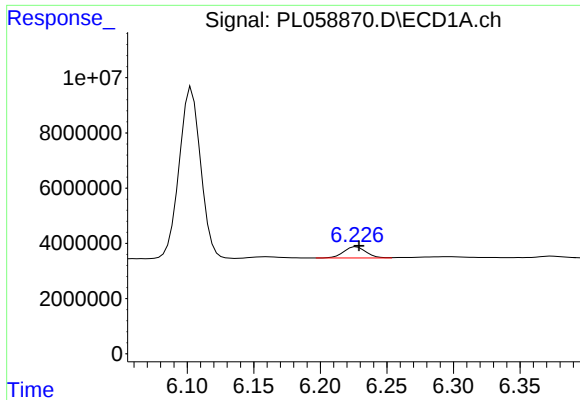
#14 Endrin

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 69433438
Conc: 44.30 ng/ml



#14 Endrin

R.T.: 6.803 min
Delta R.T.: 0.001 min
Response: 100606463
Conc: 40.32 ng/ml



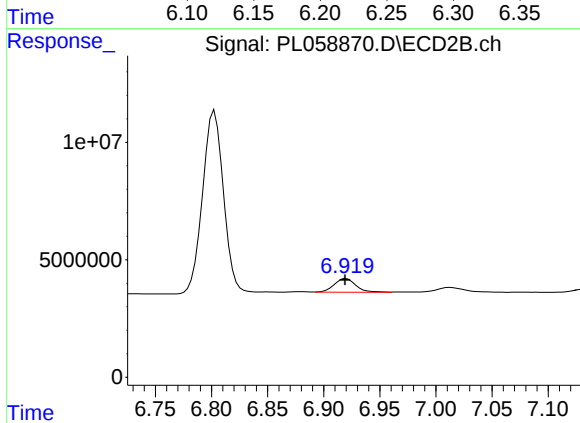
#16 4,4'-DDD

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 4783485
Conc: 3.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

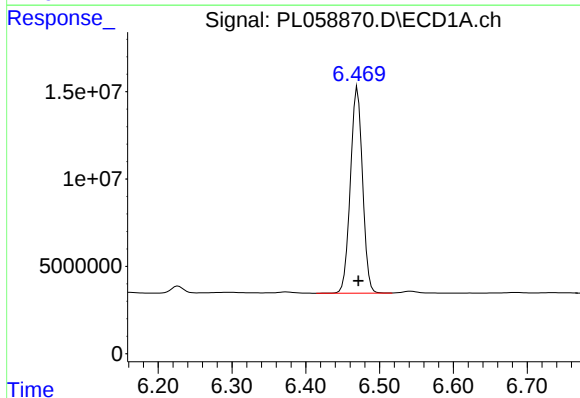
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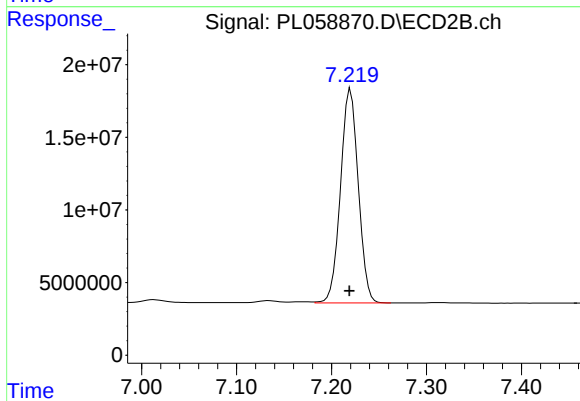
#16 4,4'-DDD

R.T.: 6.920 min
Delta R.T.: 0.001 min
Response: 7889540
Conc: 3.31 ng/ml



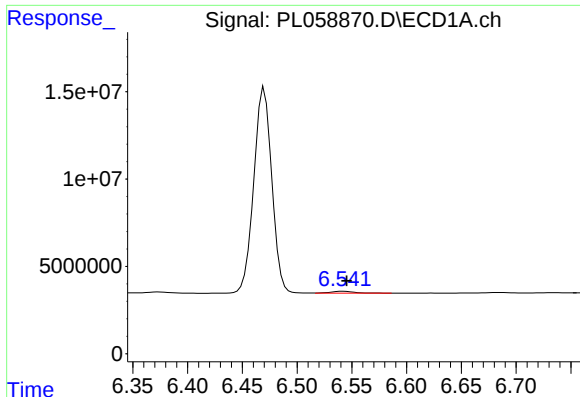
#17 4,4'-DDT

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 134890784
Conc: 92.73 ng/ml



#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: 0.001 min
Response: 191792691
Conc: 80.65 ng/ml



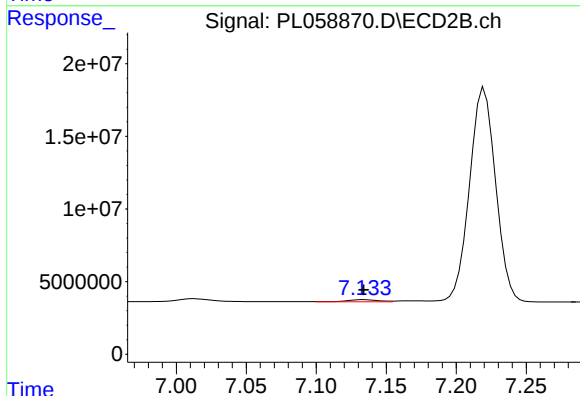
#18 Endrin aldehyde

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 1523707
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

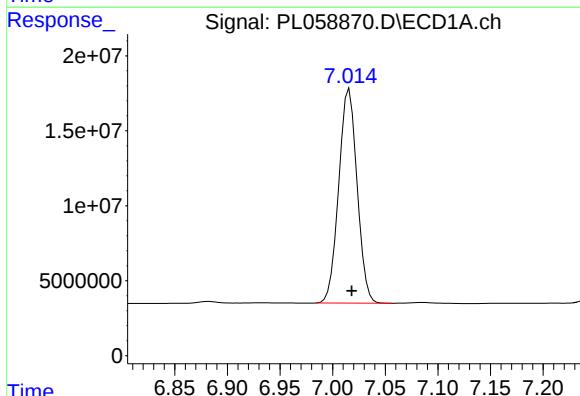
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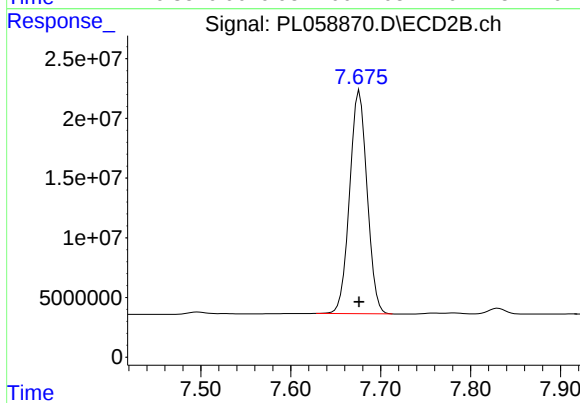
#18 Endrin aldehyde

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 2302603
Conc: 0.98 ng/ml



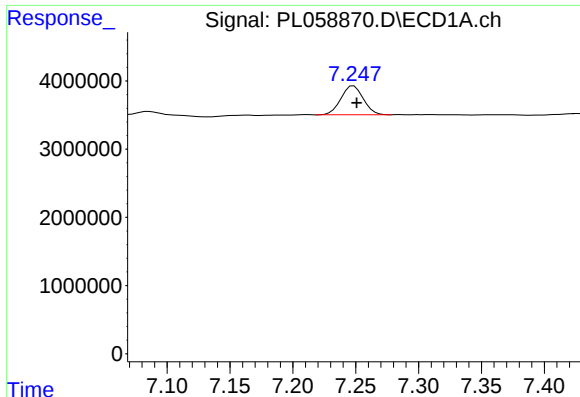
#20 Methoxychlor

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 174034038
Conc: 204.02 ng/ml



#20 Methoxychlor

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 252121176
Conc: 180.77 ng/ml m



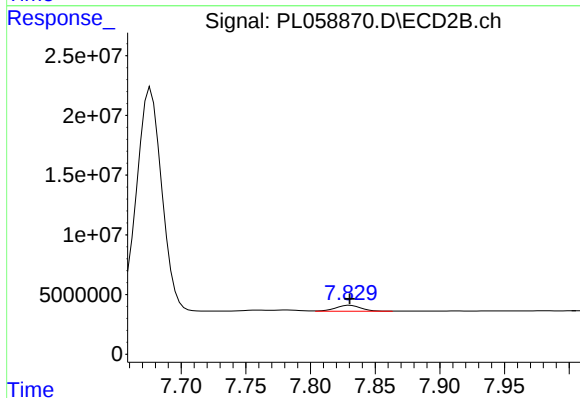
#21 Endrin ketone

R.T.: 7.248 min
Delta R.T.: -0.002 min
Response: 5233720
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

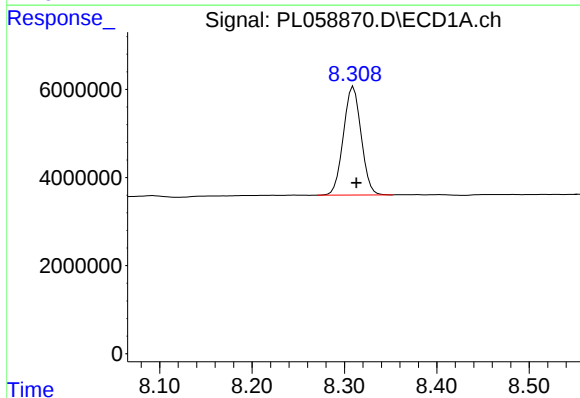
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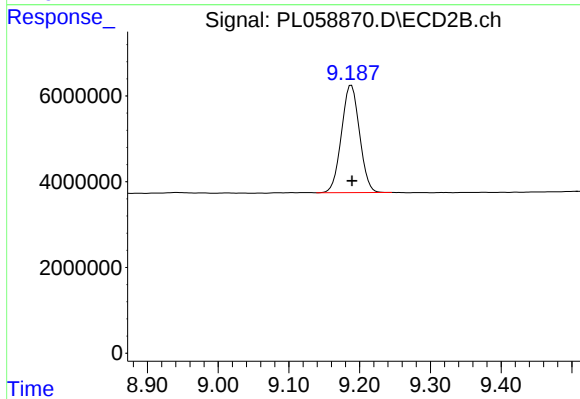
#21 Endrin ketone

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 6624295
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 32874218
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 44508913
Conc: 16.88 ng/ml