

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
 Data File : PL090530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 13:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 14:20:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 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...	3.546	2.789	42028759	33647990	20.185	19.993
28)	SA Decachlor...	9.058	7.932	27254703	31050670	20.510	21.295
Target Compounds							
2)	A alpha-BHC	4.001	3.292	30556832	23365917	10.298	9.671
3)	MA gamma-BHC...	4.334	3.623	28864178	22206586	10.307	9.630
6)	B beta-BHC	4.529	3.921	13430839	10947057	10.588	10.606
12)	B 4,4'-DDE	6.197	5.251	740227	598124	0.366	0.335
14)	MA Endrin	6.580	5.656	83688323	82503546	45.522	47.936
16)	A 4,4'-DDD	6.715	5.803	4581973	2886420	2.714	1.927 #
17)	MA 4,4'-DDT	7.028	6.054	156.1E6	164.8E6	92.741	112.460
18)	B Endrin al...	6.928	6.129	2778006	2763689	1.872	2.115
20)	A Methoxychlor	7.503	6.628	200.8E6	211.1E6	227.419	261.038m
21)	B Endrin ke...	7.647	6.857	5841679	5177228	3.060	2.833

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

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Acq On : 15 Jul 2024 13:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

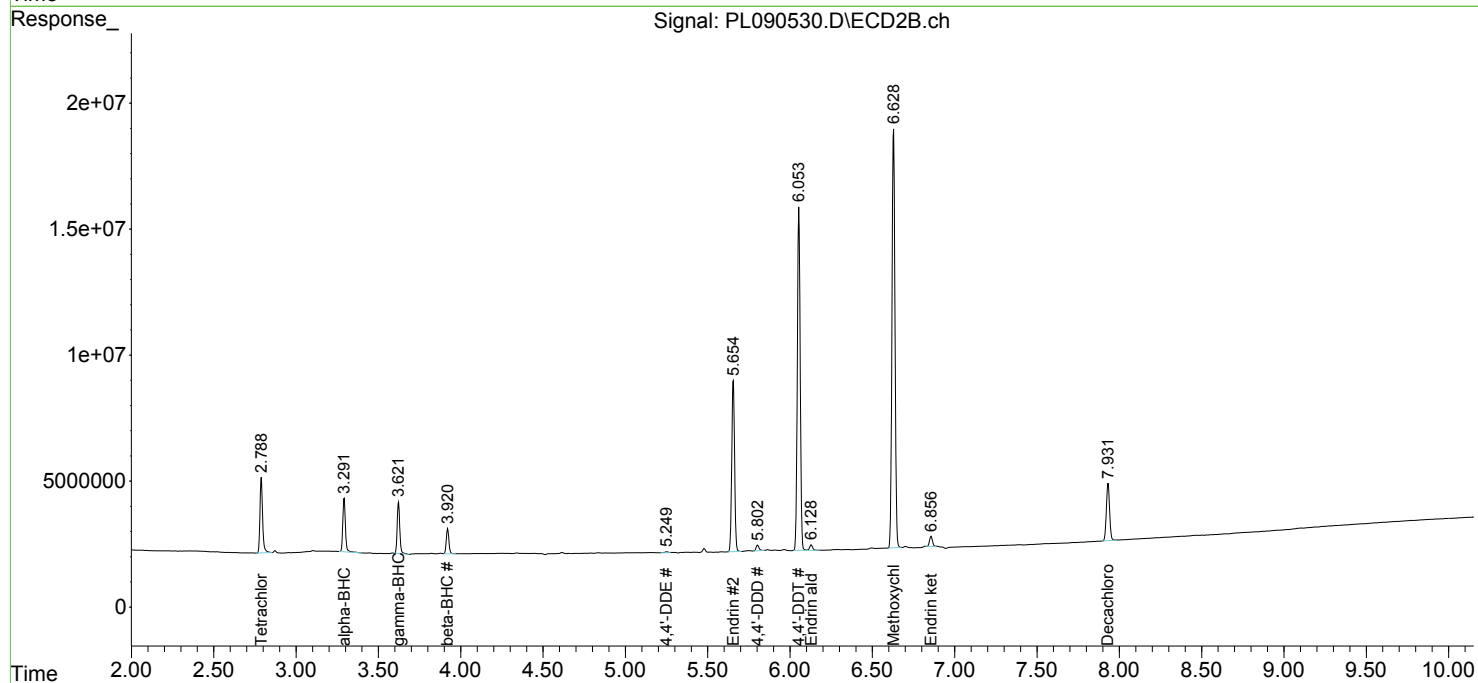
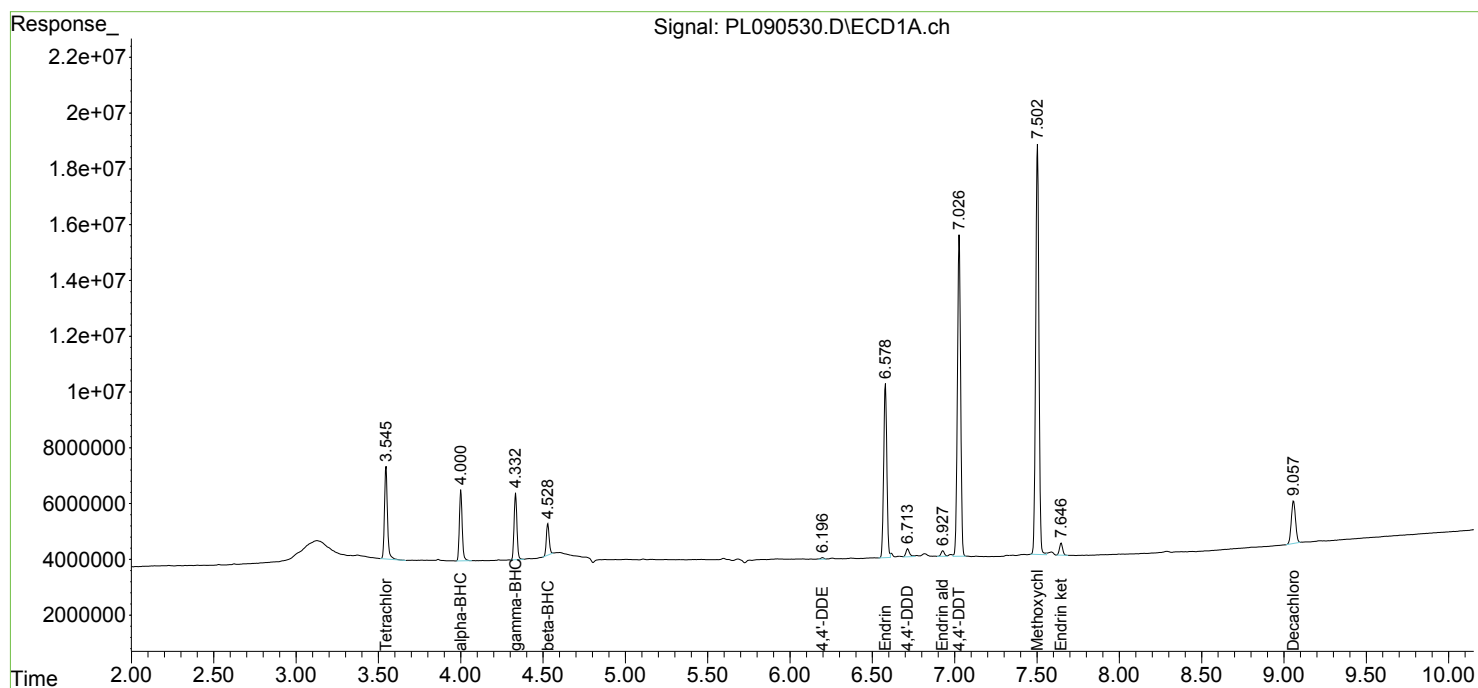
Instrument :
ECD_L
ClientSampleId :
PEM

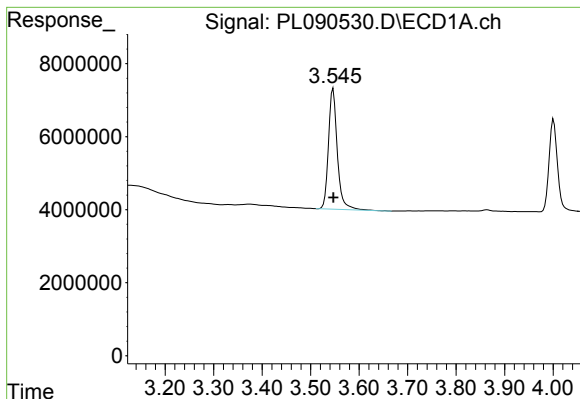
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Integration File signal 1: autoint1.e
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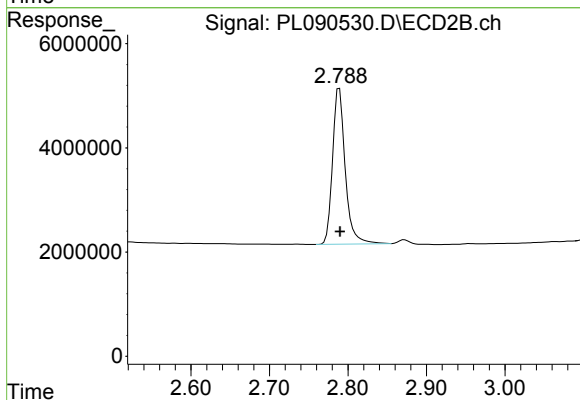
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42028759
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

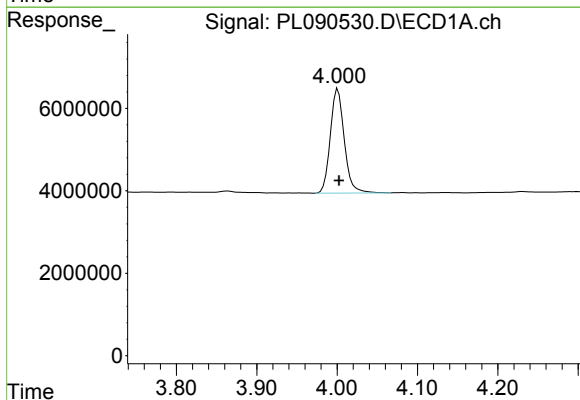
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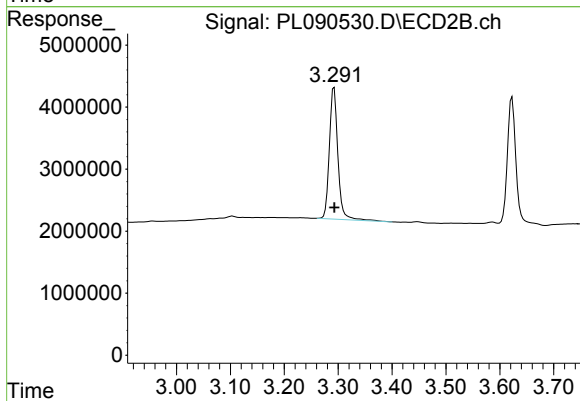
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 33647990
Conc: 19.99 ng/ml



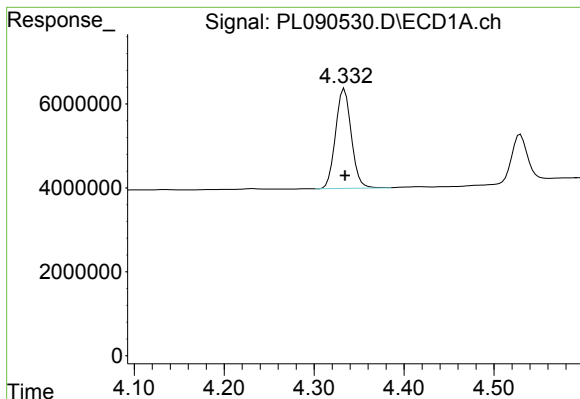
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 30556832
Conc: 10.30 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 23365917
Conc: 9.67 ng/ml



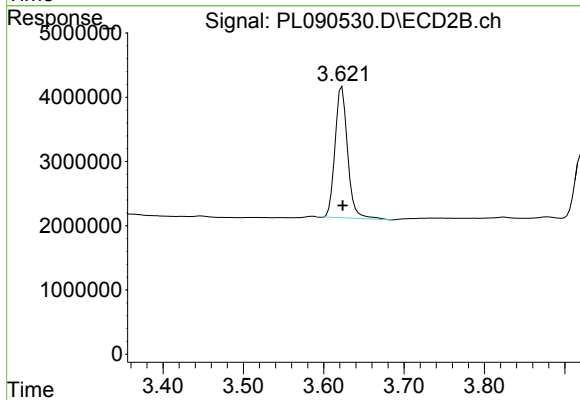
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 28864178
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

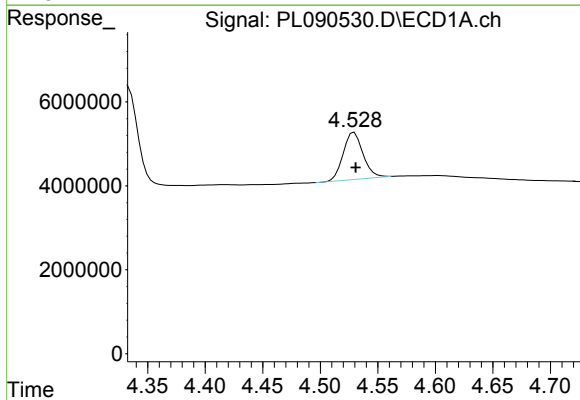
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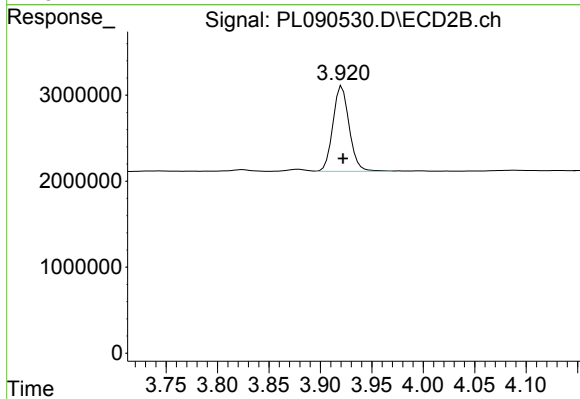
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 22206586
Conc: 9.63 ng/ml



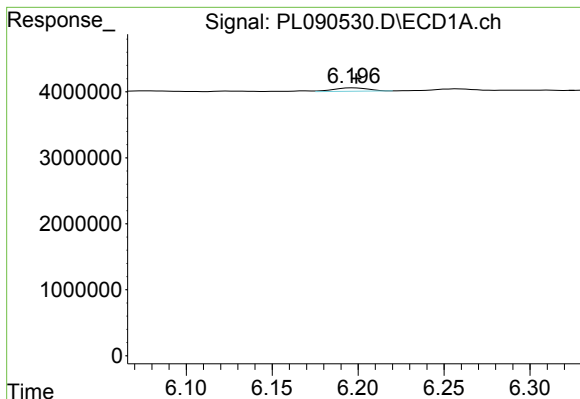
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 13430839
Conc: 10.59 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 10947057
Conc: 10.61 ng/ml



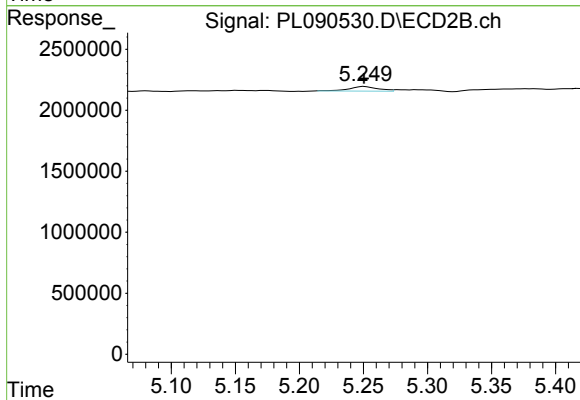
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 740227
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

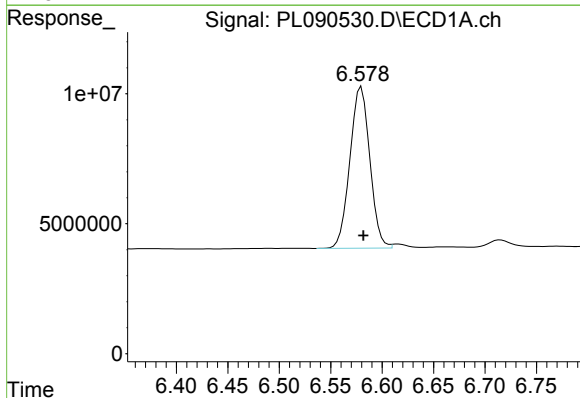
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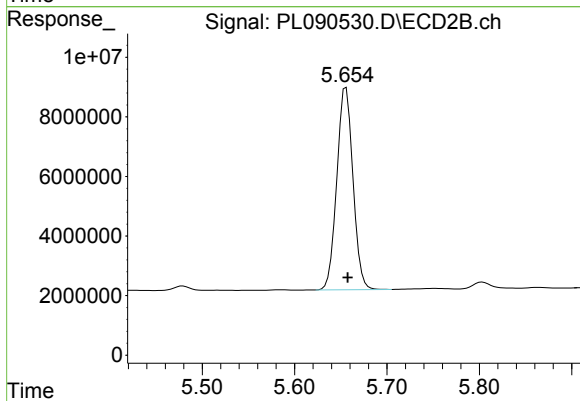
#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 598124
Conc: 0.33 ng/ml



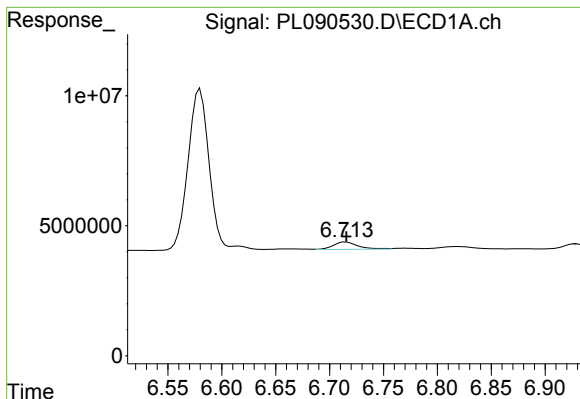
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 83688323
Conc: 45.52 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 82503546
Conc: 47.94 ng/ml



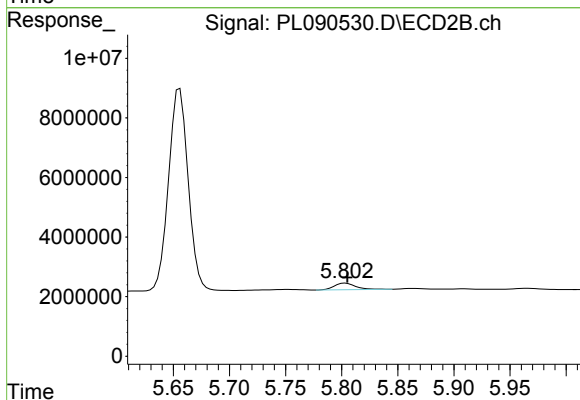
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 4581973
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

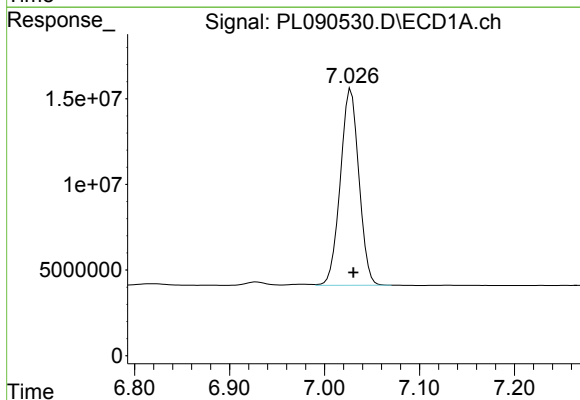
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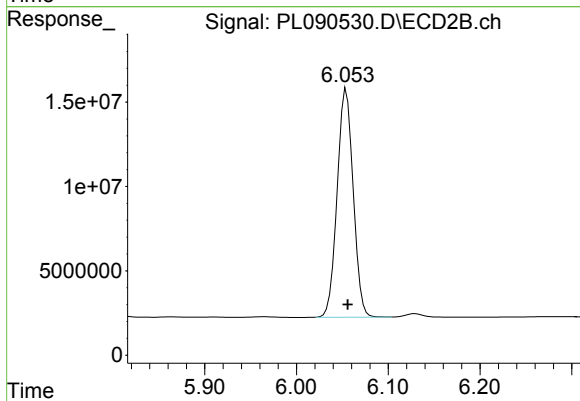
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 2886420
Conc: 1.93 ng/ml



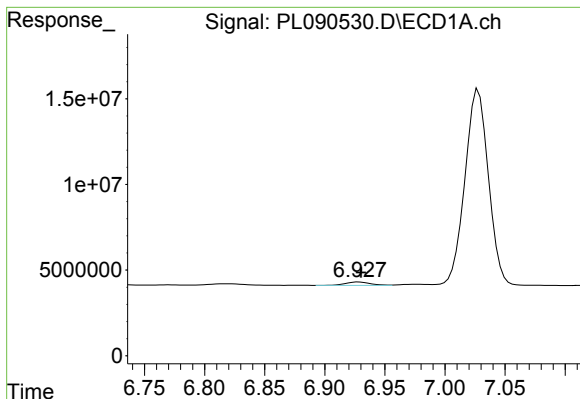
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 156109207
Conc: 92.74 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.001 min
Response: 164771477
Conc: 112.46 ng/ml



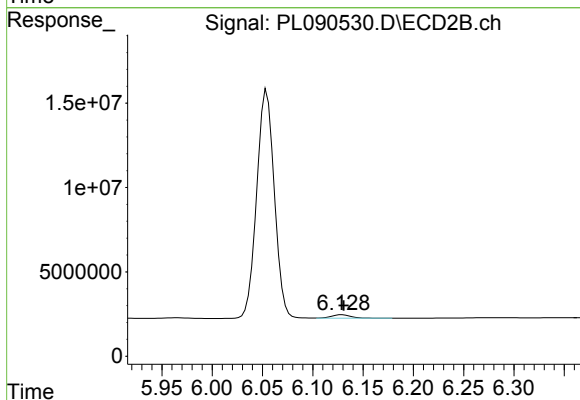
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2778006
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

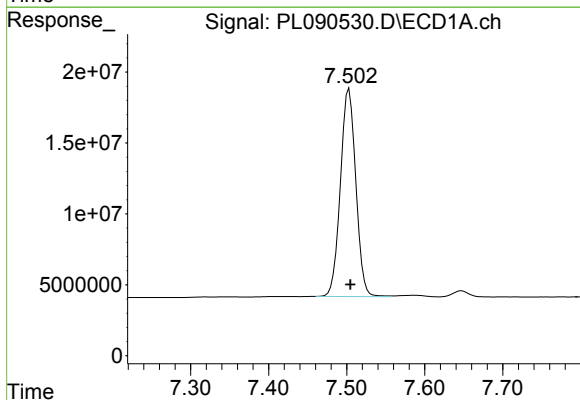
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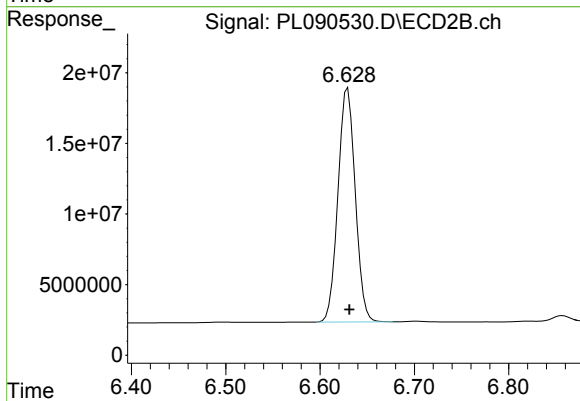
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 2763689
Conc: 2.12 ng/ml



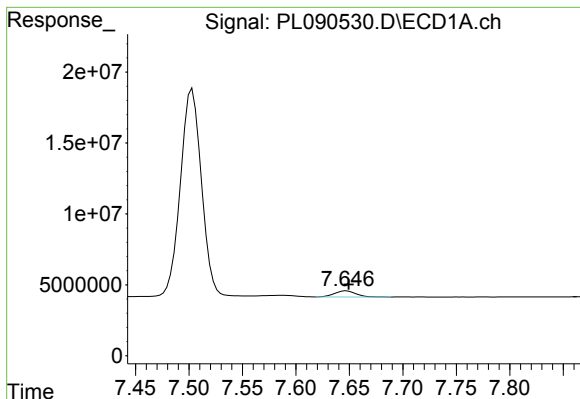
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 200790307
Conc: 227.42 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 211062370
Conc: 261.04 ng/ml m



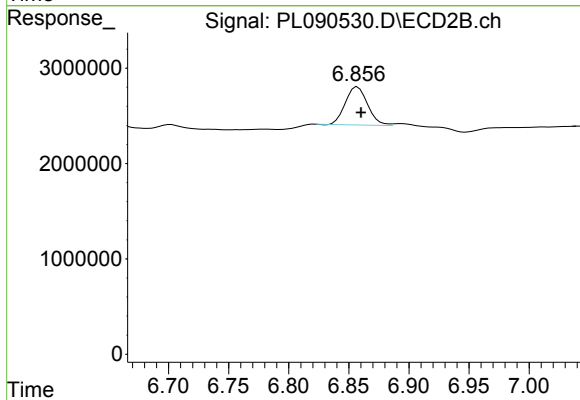
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 5841679
Conc: 3.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

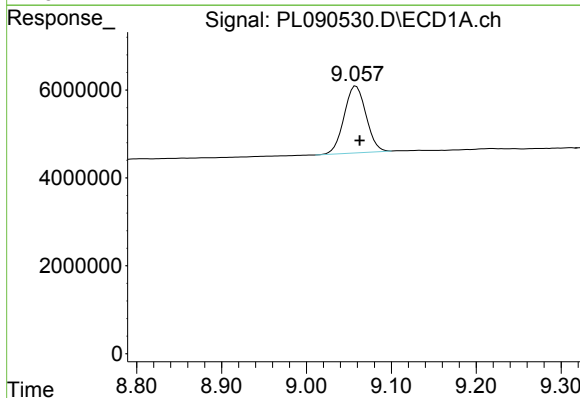
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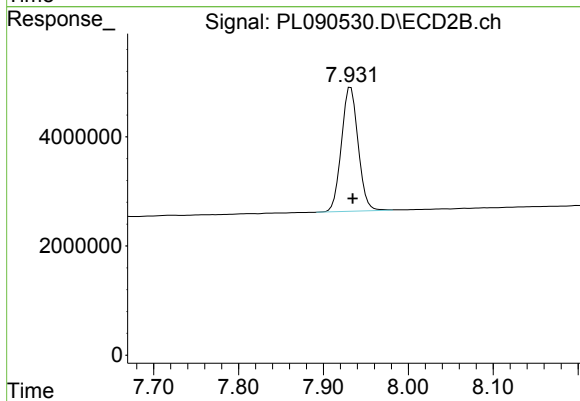
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 5177228
Conc: 2.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.004 min
Response: 27254703
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 31050670
Conc: 21.30 ng/ml