

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
 Data File : PL090304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2024 14:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2024
 Supervised By : Ankita Jodhani 06/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:58:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 01:45:30 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...	3.547	2.790	45885885	30548270	20.218	19.313
28)	SA Decachlor...	9.062	7.937	31818440	30460103	20.632	20.420
Target Compounds							
2)	A alpha-BHC	4.002	3.293	32978444	20461224	10.514	9.153m
3)	MA gamma-BHC...	4.335	3.625	31523204	19381102	10.487	9.065
6)	B beta-BHC	4.529	3.923	14755115	10171534	10.954m	10.536
12)	B 4,4'-DDE	6.201	5.255	1591156	802838	0.729	0.485 #
14)	MA Endrin	6.582	5.660	94318769	75933909	44.484	45.921
16)	A 4,4'-DDD	6.717	5.809	2837422	1073129	1.549	0.783 #
17)	MA 4,4'-DDT	7.030	6.059	164.9E6	153.1E6	85.954	103.428
18)	B Endrin al...	6.930	6.134	2583603	2680217	1.530	2.105 #
20)	A Methoxychlor	7.506	6.634	215.7E6	194.7E6	209.345	233.435
21)	B Endrin ke...	7.648	6.861	6372013	3976004	2.938	2.221

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

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Acq On : 24 Jun 2024 14:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

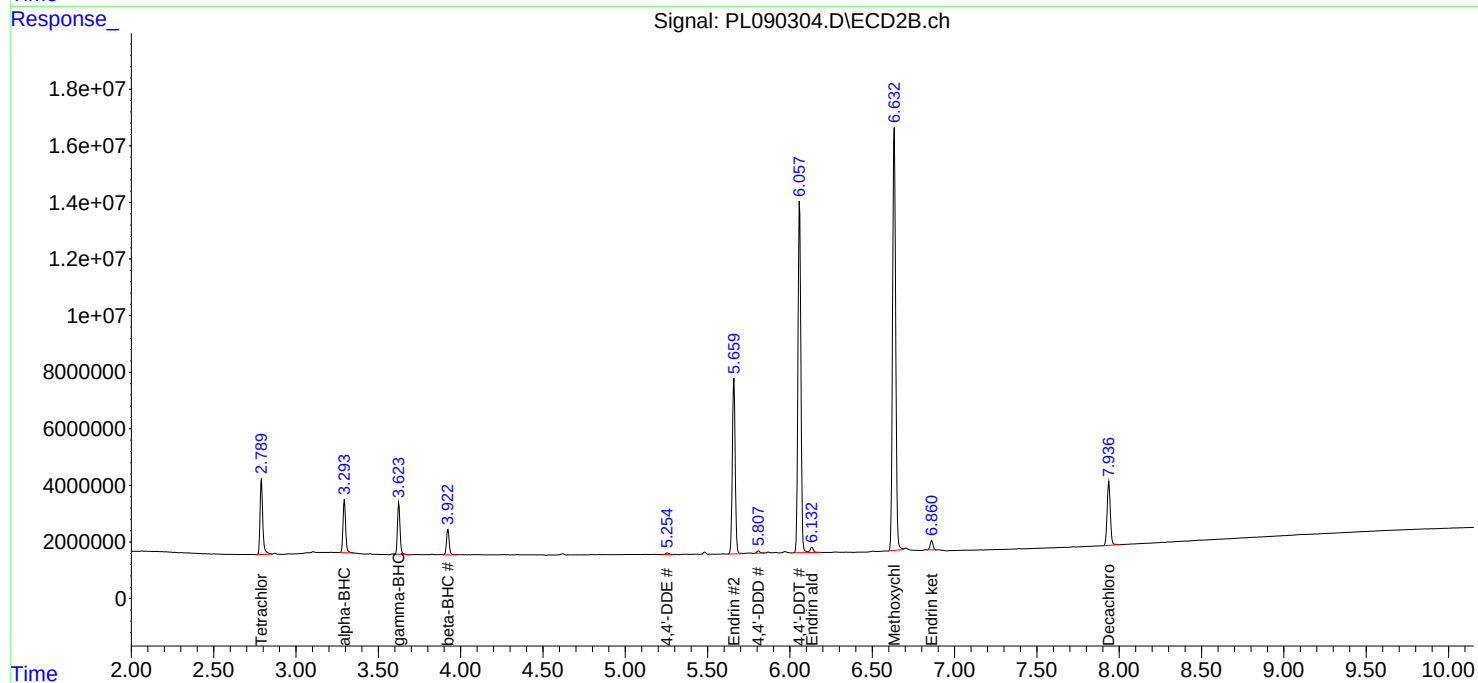
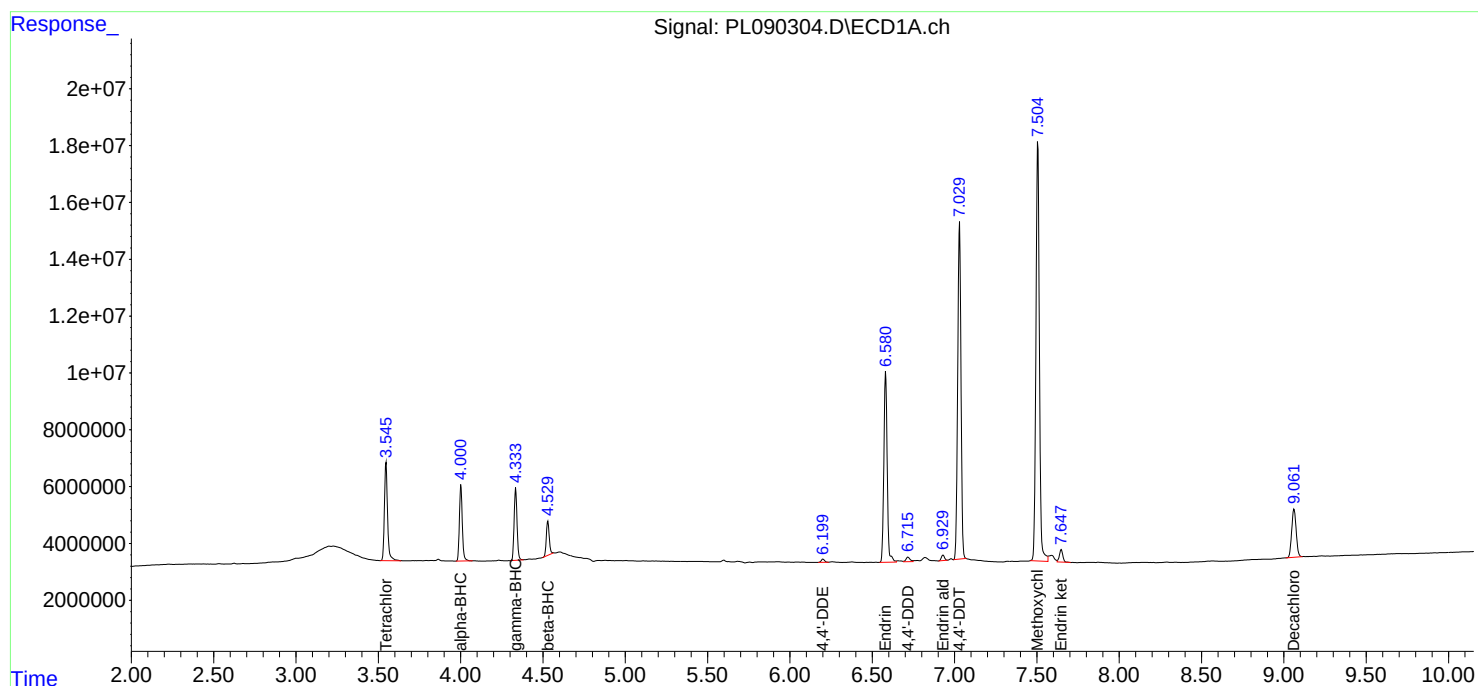
Instrument :
ECD_L
ClientSampleId :
PEM

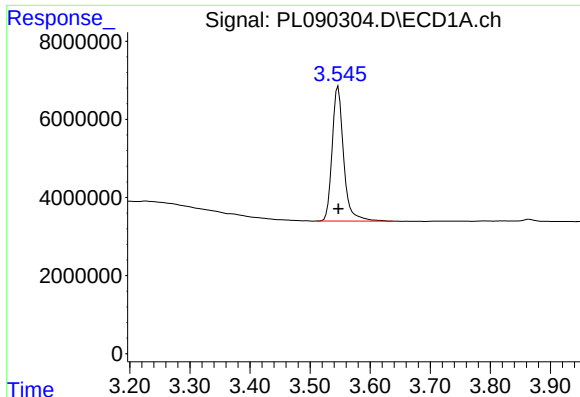
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Integration File signal 1: autoint1.e
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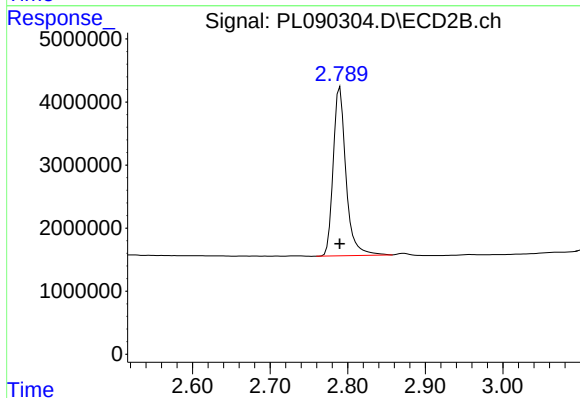
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 45885885
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

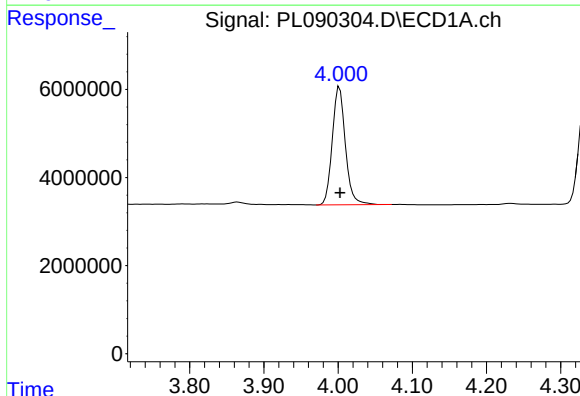
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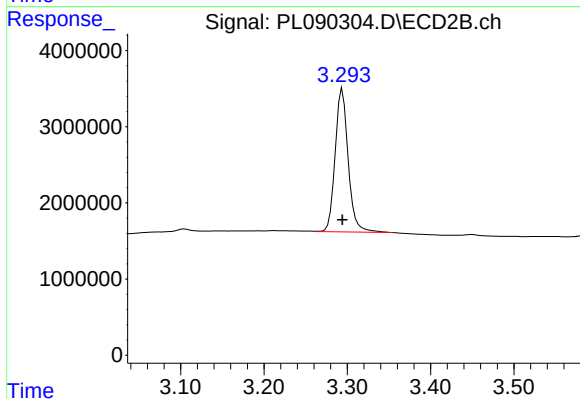
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 30548270
Conc: 19.31 ng/ml



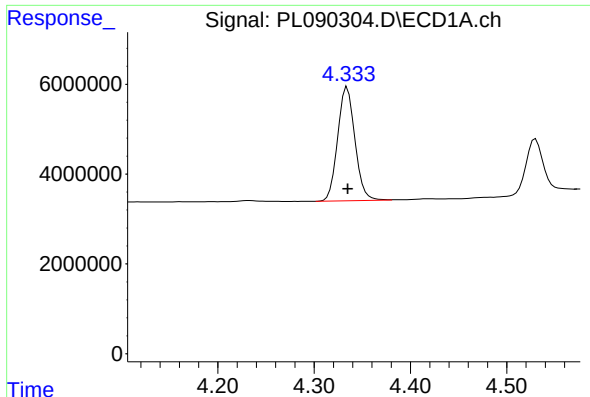
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32978444
Conc: 10.51 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: -0.001 min
Response: 20461224
Conc: 9.15 ng/ml m



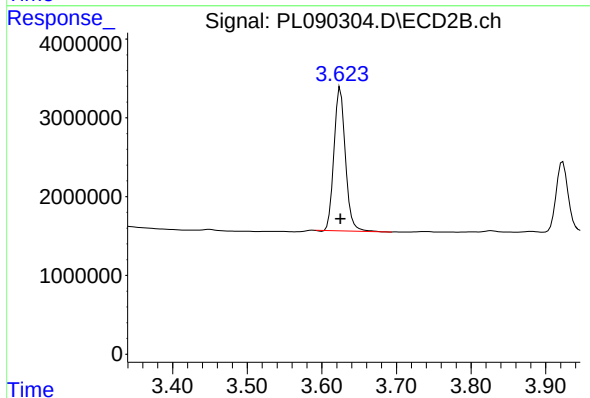
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 31523204
Conc: 10.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

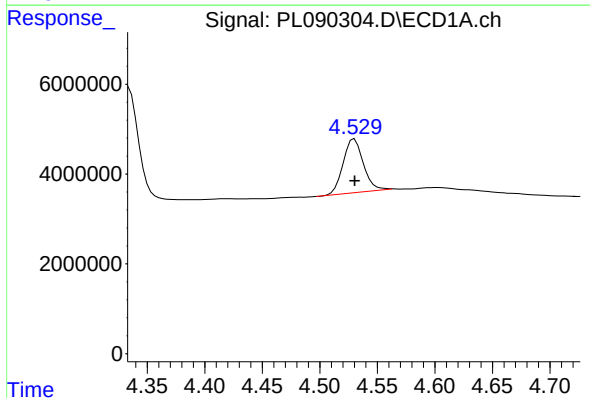
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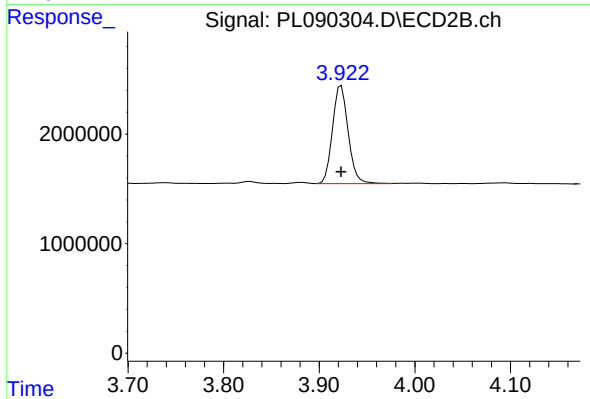
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 19381102
Conc: 9.07 ng/ml



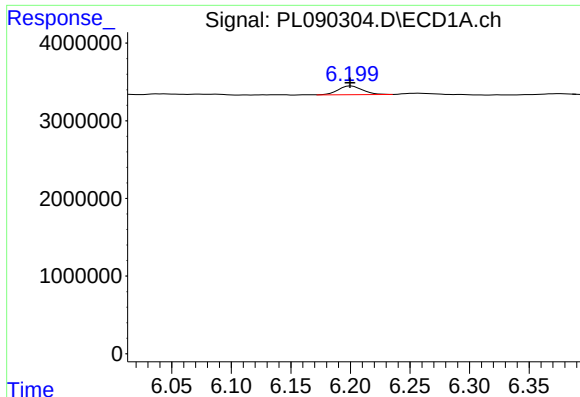
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 14755115
Conc: 10.95 ng/ml m



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 10171534
Conc: 10.54 ng/ml



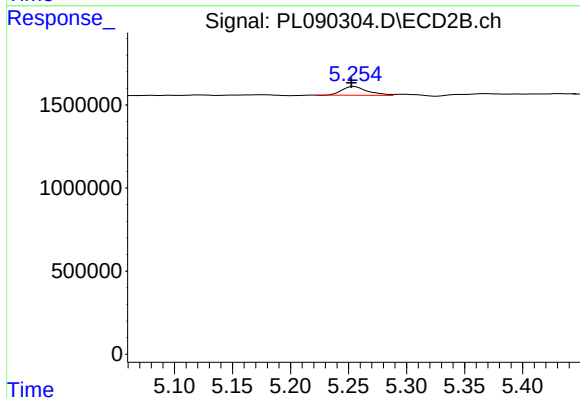
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1591156
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

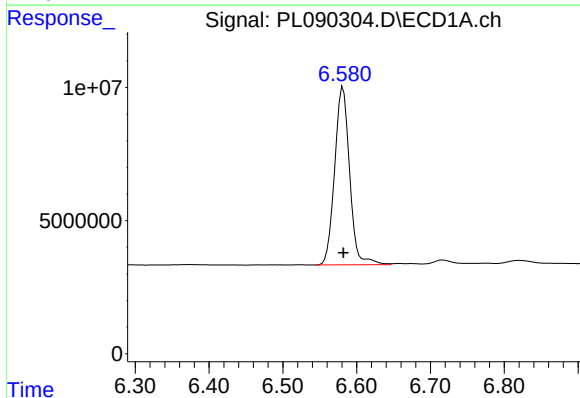
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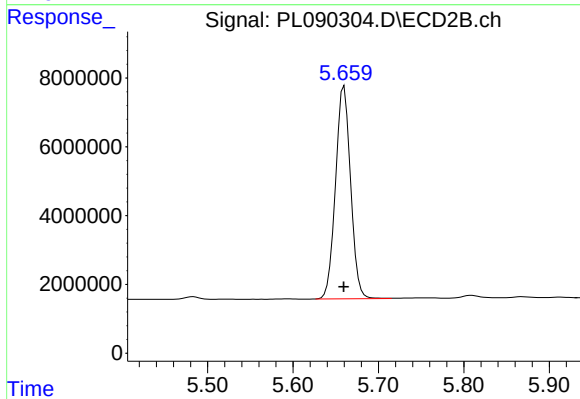
#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: 0.003 min
Response: 802838
Conc: 0.48 ng/ml



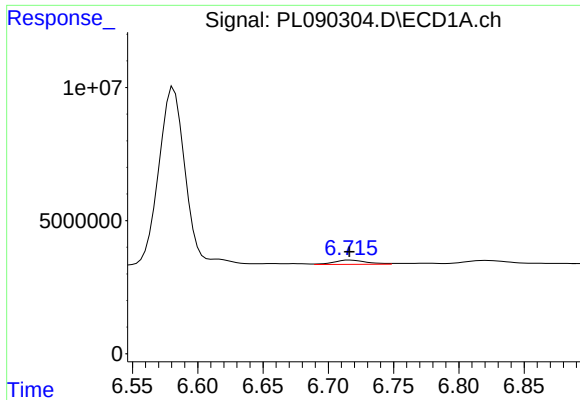
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 94318769
Conc: 44.48 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 75933909
Conc: 45.92 ng/ml



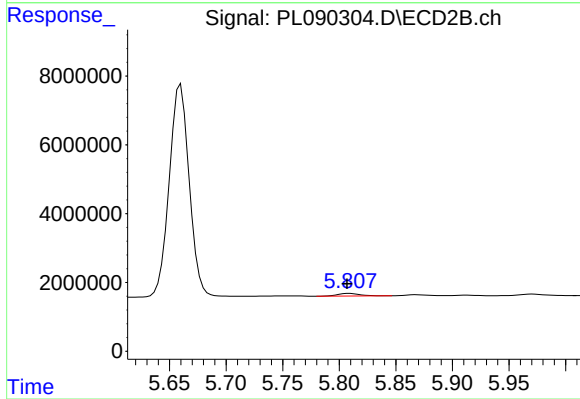
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 2837422
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

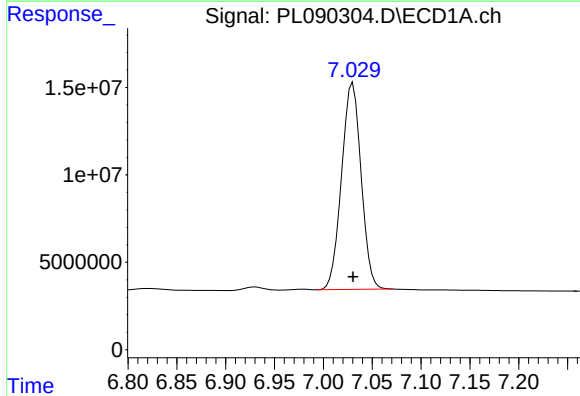
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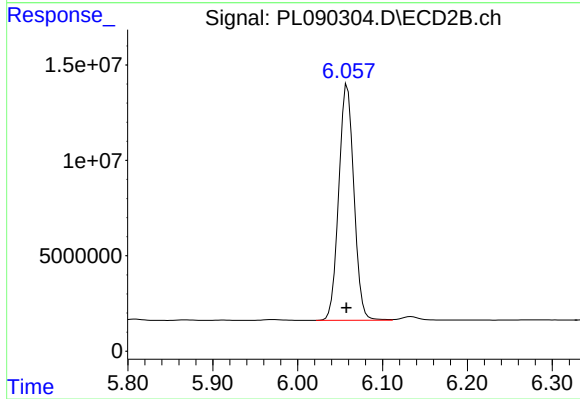
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 1073129
Conc: 0.78 ng/ml



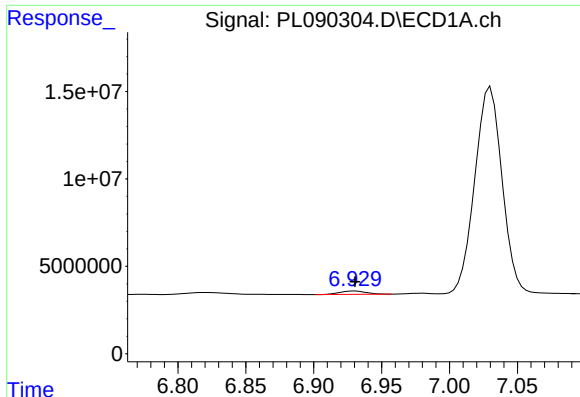
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 164939840
Conc: 85.95 ng/ml



#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 153086006
Conc: 103.43 ng/ml



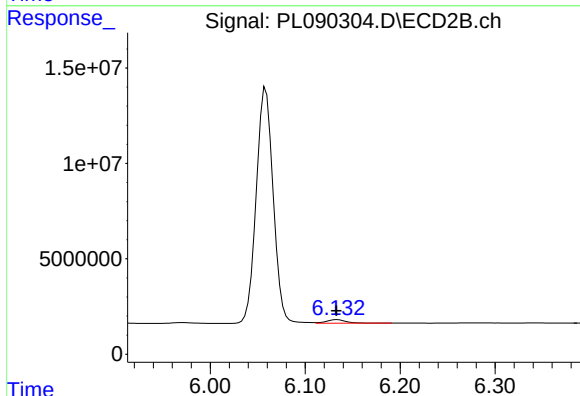
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2583603
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

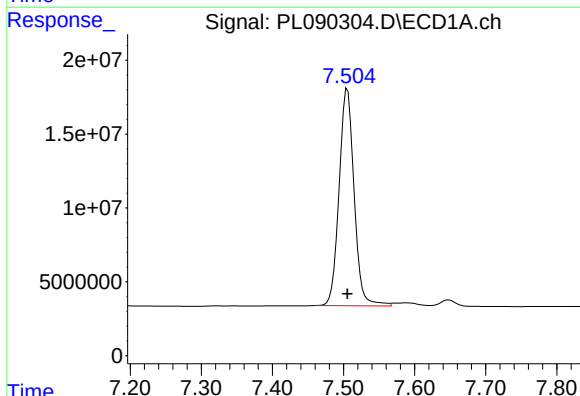
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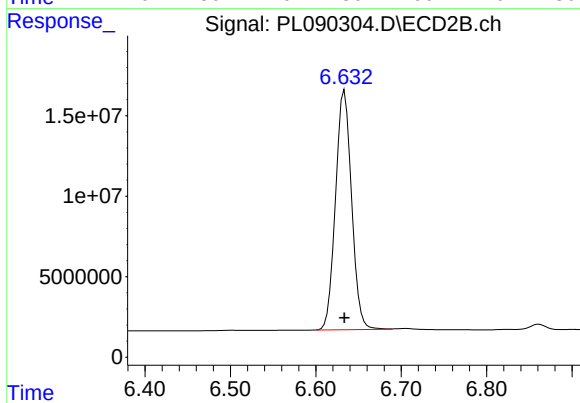
#18 Endrin aldehyde

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 2680217
Conc: 2.10 ng/ml



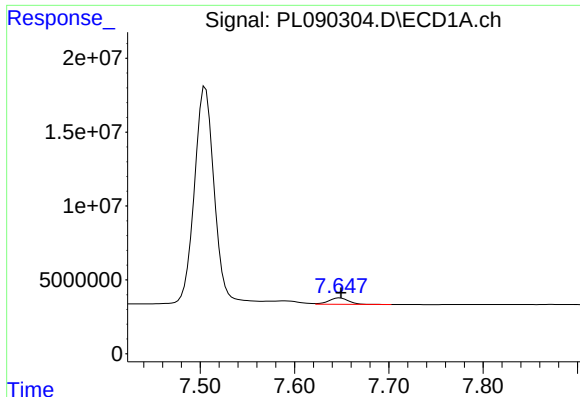
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 215738037
Conc: 209.34 ng/ml



#20 Methoxychlor

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 194748173
Conc: 233.44 ng/ml



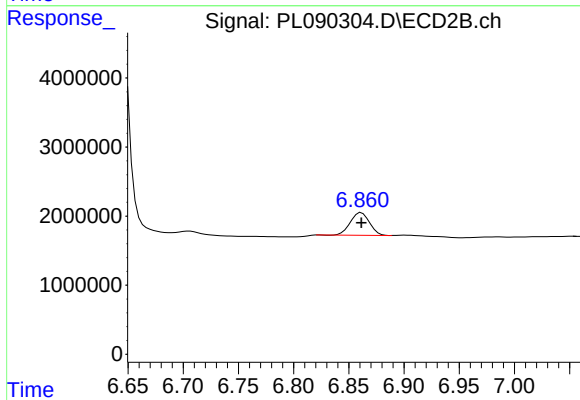
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 6372013
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

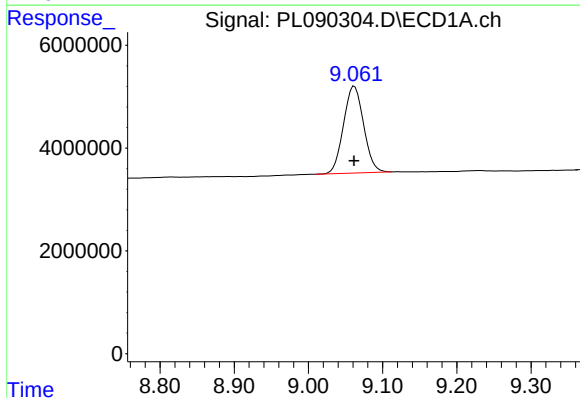
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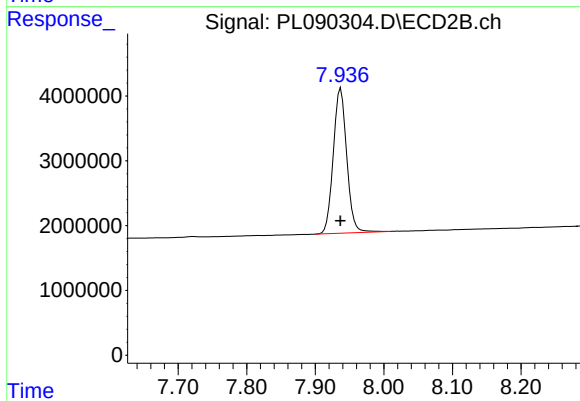
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 3976004
Conc: 2.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 31818440
Conc: 20.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 30460103
Conc: 20.42 ng/ml