

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
 Data File : PL090841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 11:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/08/2024
 Supervised By : Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 01:24:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.544	2.787	36997127	31929273	19.108m	18.469
28) SA Decachlor...	9.063	7.932	31569758	34214121	21.973	20.498
Target Compounds						
2) A alpha-BHC	4.001	3.289	28218314	21367850	10.216	8.674m
3) MA gamma-BHC...	4.334	3.622	26870616	20860160	10.217	8.910
6) B beta-BHC	4.531	3.919	13175213	10461814	10.466	9.836m
12) B 4,4'-DDE	6.200	5.249	750299	434905	0.378m	0.232m#
14) MA Endrin	6.581	5.656	83014579	79956593	45.327m	43.759
16) A 4,4'-DDD	6.717	5.804	4295054	3040654	2.605	1.960
17) MA 4,4'-DDT	7.030	6.054	152.6E6	162.6E6	85.590	98.077
18) B Endrin al...	6.930	6.128	2709647	2805890	1.799	1.982m
20) A Methoxychlor	7.506	6.630	198.7E6	210.8E6	208.178	228.379
21) B Endrin ke...	7.649	6.857	6470447	4606121	3.266	2.324 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
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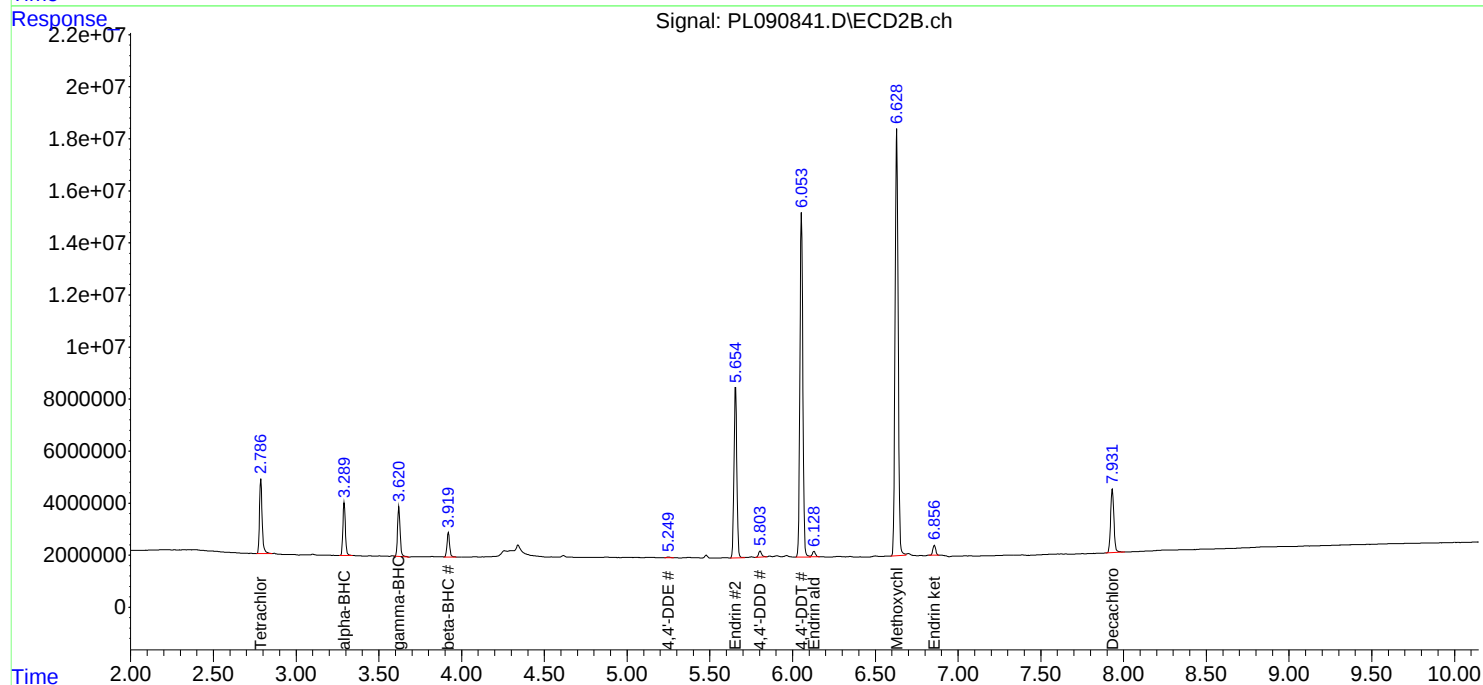
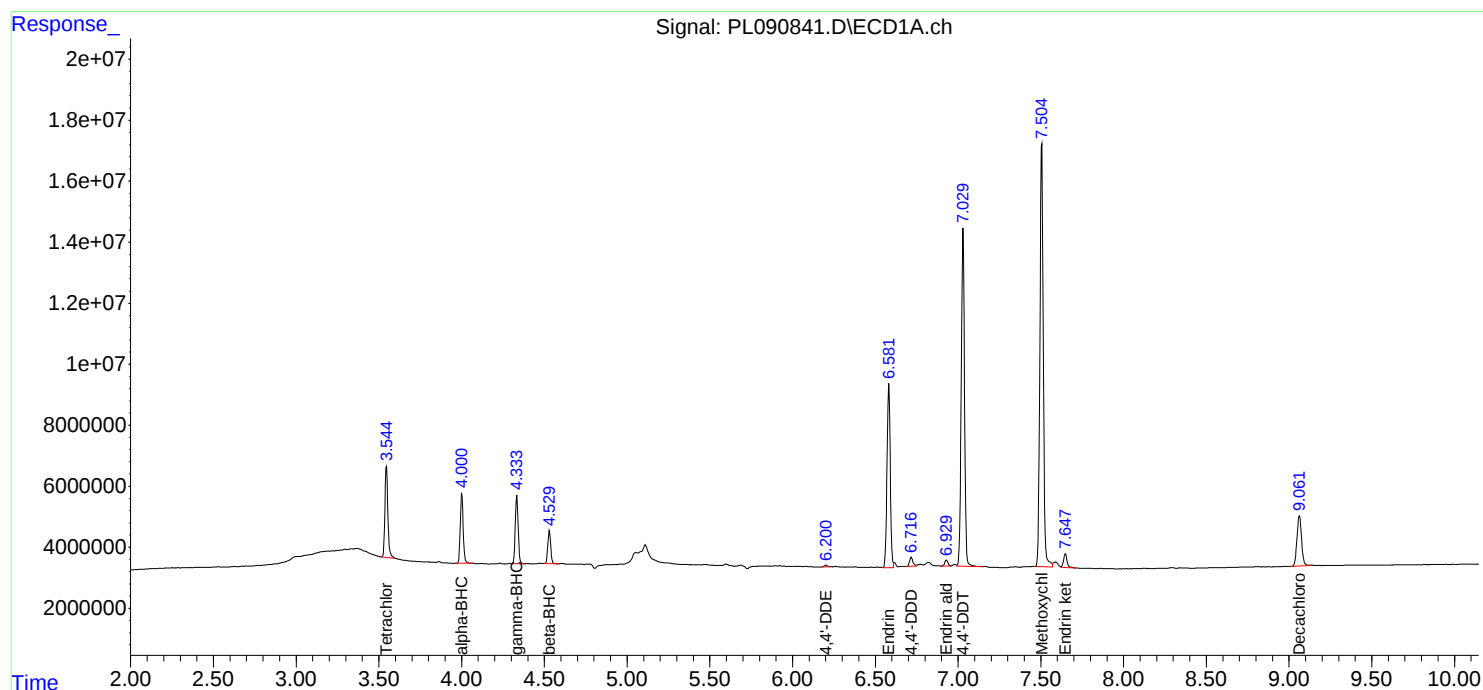
Instrument :
ECD_L
ClientSampleId :
PEM

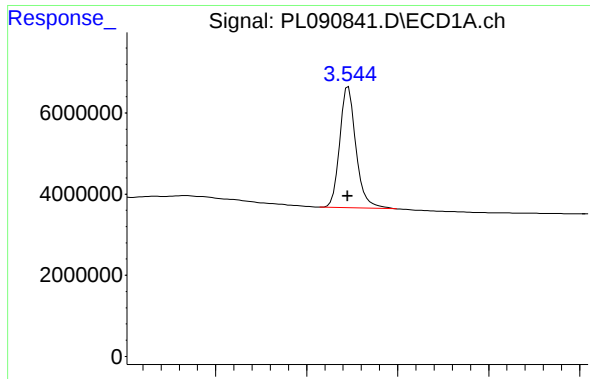
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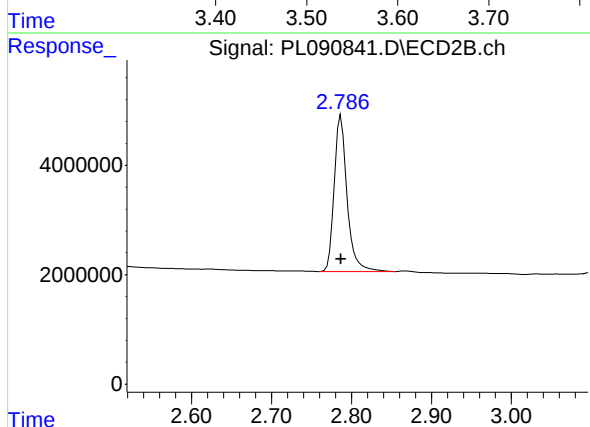
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 36997127
Conc: 19.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

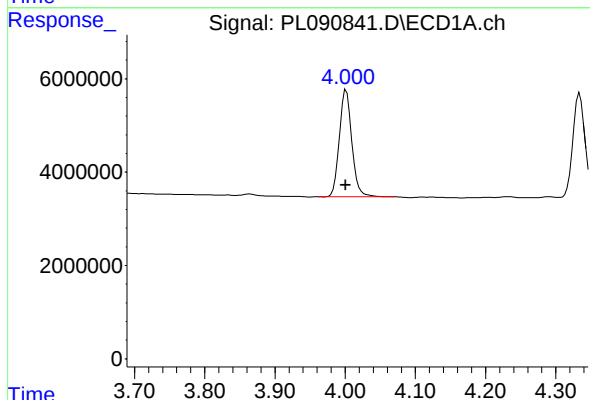
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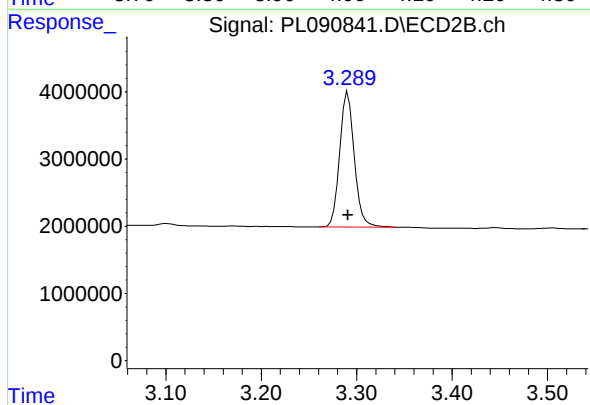
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 31929273
Conc: 18.47 ng/ml



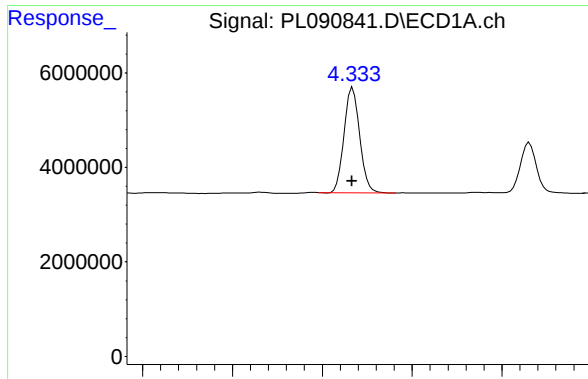
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 28218314
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 21367850
Conc: 8.67 ng/ml m



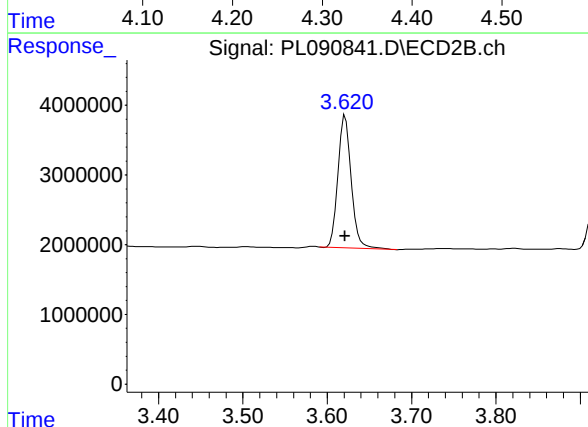
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 26870616
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

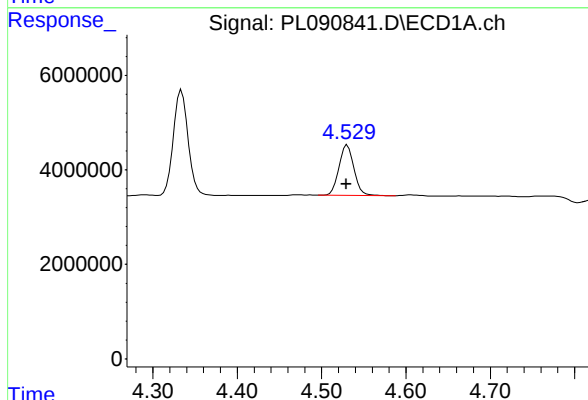
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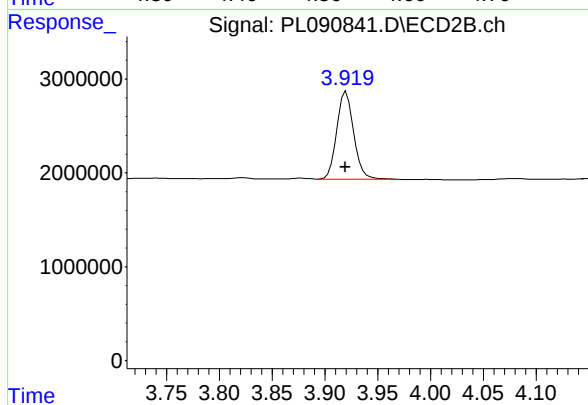
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 20860160
Conc: 8.91 ng/ml



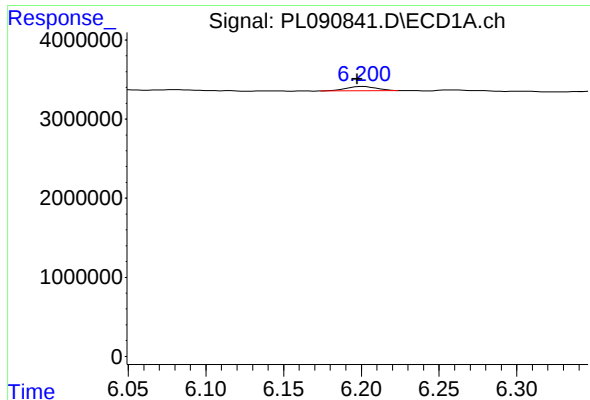
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 13175213
Conc: 10.47 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 10461814
Conc: 9.84 ng/ml m



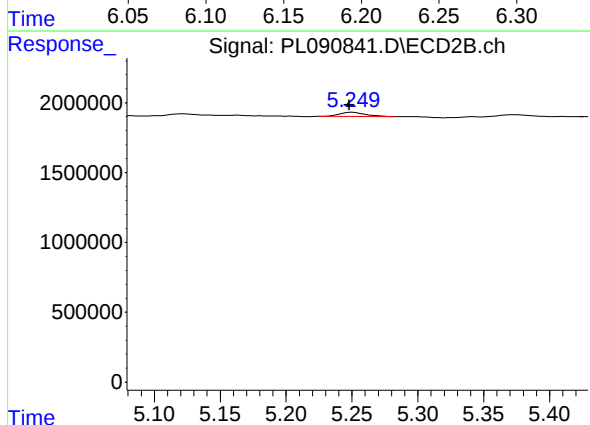
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 750299
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

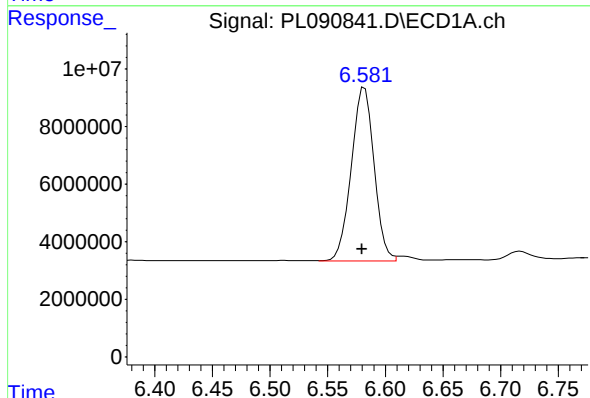
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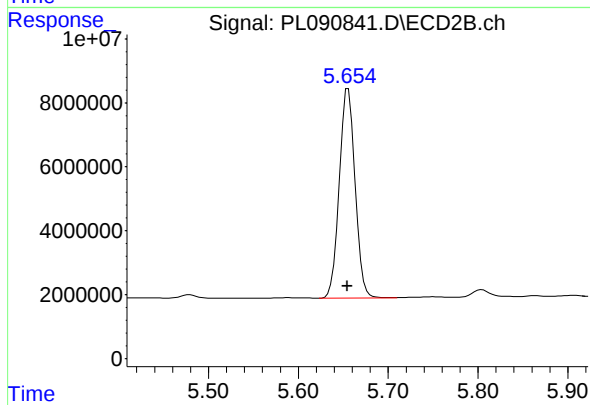
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: 0.001 min
Response: 434905
Conc: 0.23 ng/ml



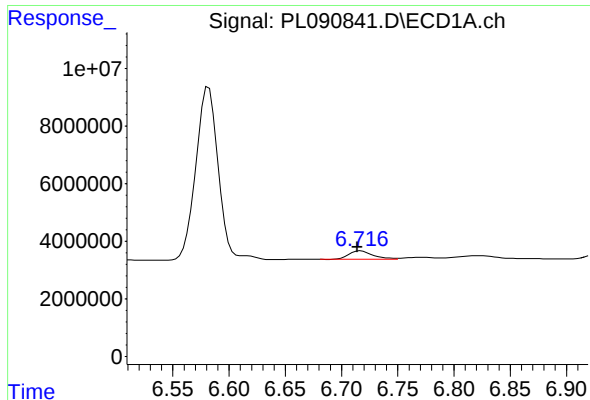
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 83014579
Conc: 45.33 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: 0.001 min
Response: 79956593
Conc: 43.76 ng/ml



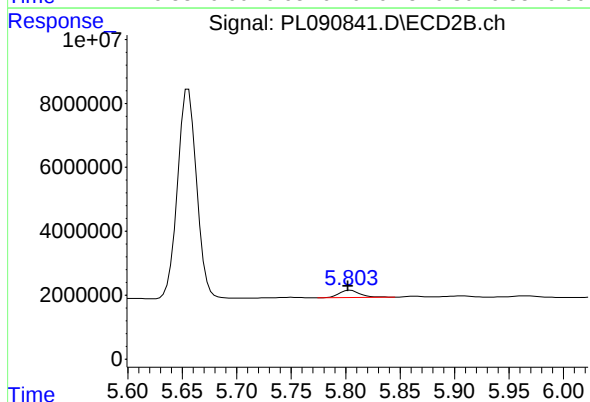
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 4295054
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

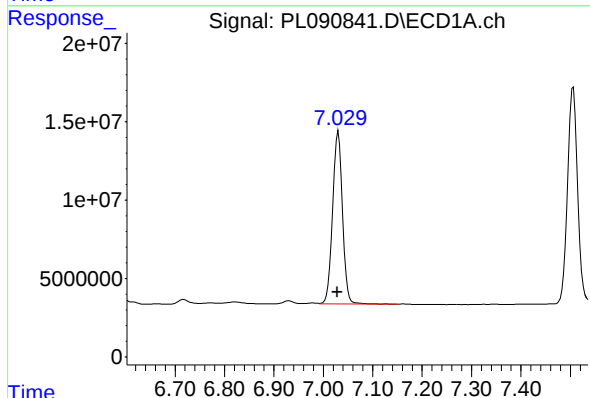
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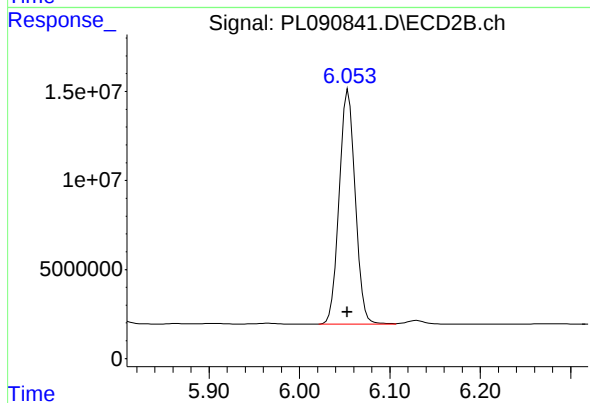
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: 0.002 min
Response: 3040654
Conc: 1.96 ng/ml



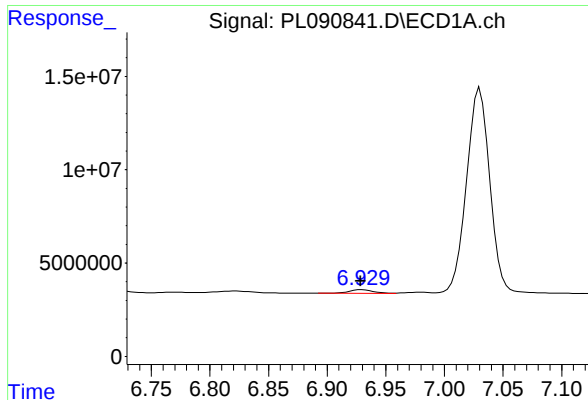
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 152588719
Conc: 85.59 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 162639114
Conc: 98.08 ng/ml



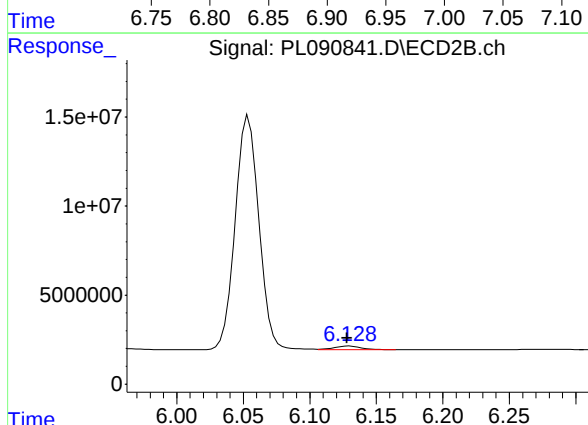
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.001 min
Response: 2709647
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

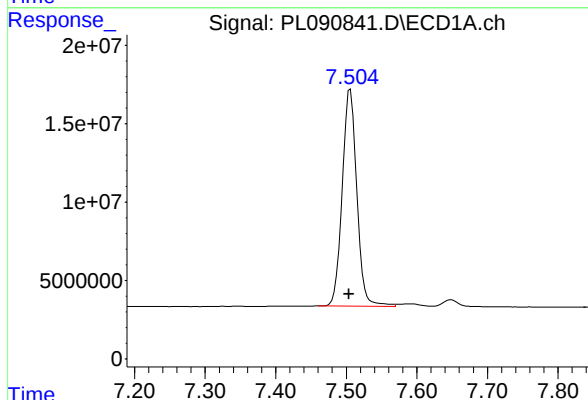
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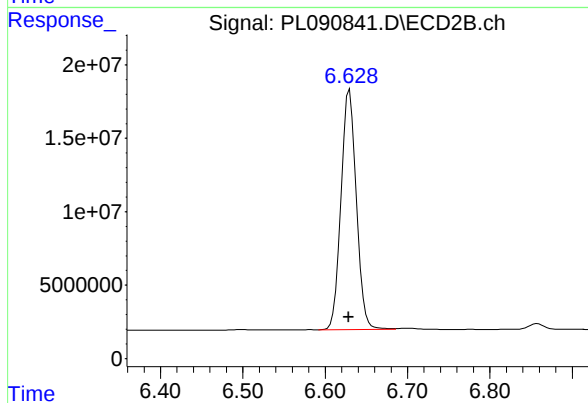
#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 2805890
Conc: 1.98 ng/ml



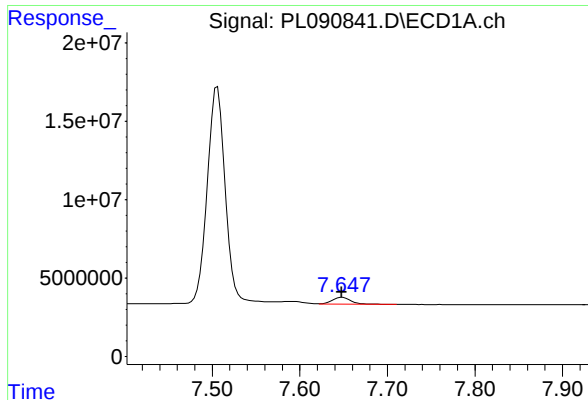
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 198651960
Conc: 208.18 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.001 min
Response: 210801756
Conc: 228.38 ng/ml



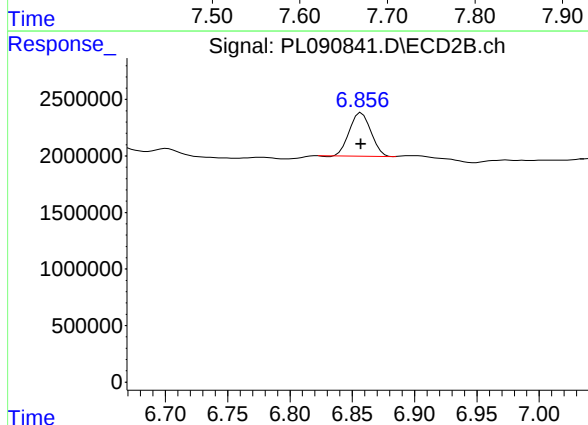
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.001 min
Response: 6470447
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

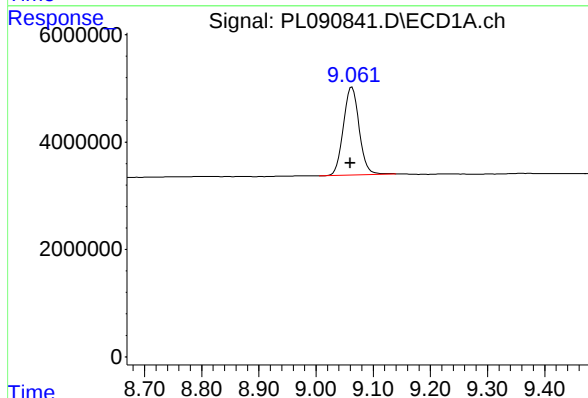
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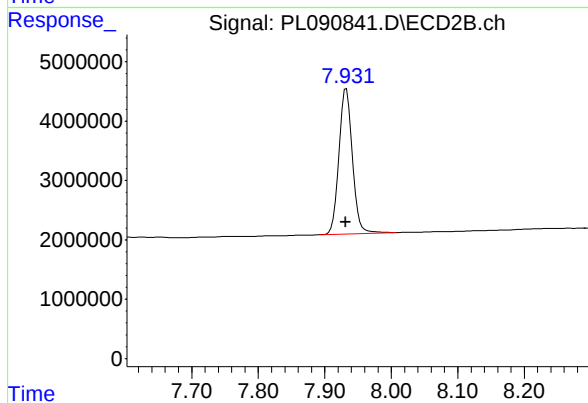
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 4606121
Conc: 2.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.002 min
Response: 31569758
Conc: 21.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.001 min
Response: 34214121
Conc: 20.50 ng/ml