

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093024\
 Data File : PL092146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2024 14:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/01/2024
 Supervised By : Ankita Jodhani 10/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 03:20:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.542	2.781	51119657	58217785	22.979	23.212
28)	SA Decachlor...	9.059	7.922	35227601	55044176	21.503	22.001
Target Compounds							
2)	A alpha-BHC	3.998	3.284	36652503	40350549	11.837	11.075
3)	MA gamma-BHC...	4.331	3.614	37513065	37052127	12.106	10.493
6)	B beta-BHC	4.528	3.914	15558097	18485611	11.730	12.298
12)	B 4,4'-DDE	6.197	5.241	920943	1110242	0.425m	0.400
14)	MA Endrin	6.578	5.647	99000210	143.0E6	48.042	54.550
16)	A 4,4'-DDD	6.715	5.796	2920542	2990323	1.626m	1.400
17)	MA 4,4'-DDT	7.028	6.045	185.3E6	279.0E6	100.625	120.594
18)	B Endrin al...	6.926	6.121	2187356	4183843	1.255m	2.050 #
20)	A Methoxychlor	7.504	6.620	235.6E6	334.8E6	239.997	267.764
21)	B Endrin ke...	7.647	6.848	4648916	5667804	2.115	2.047

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

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Data File : PL092146.D
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Acq On : 30 Sep 2024 14:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

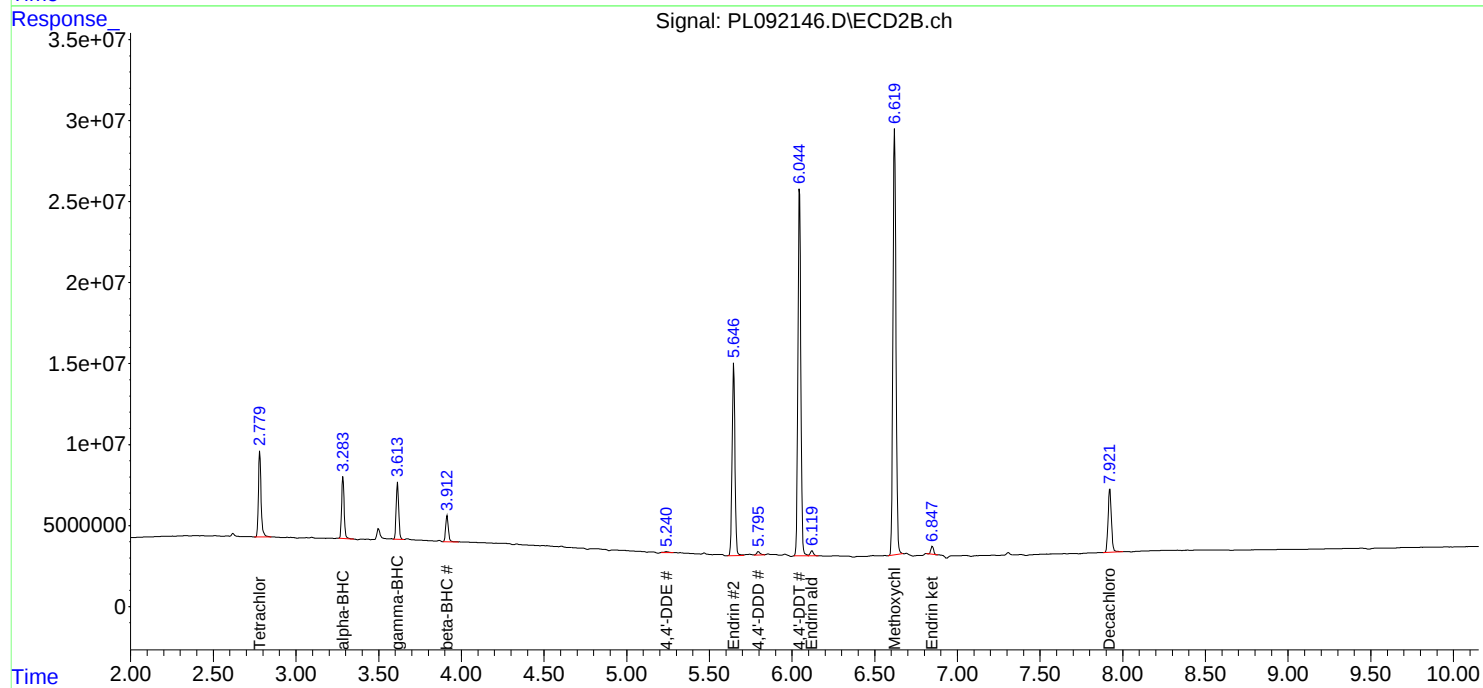
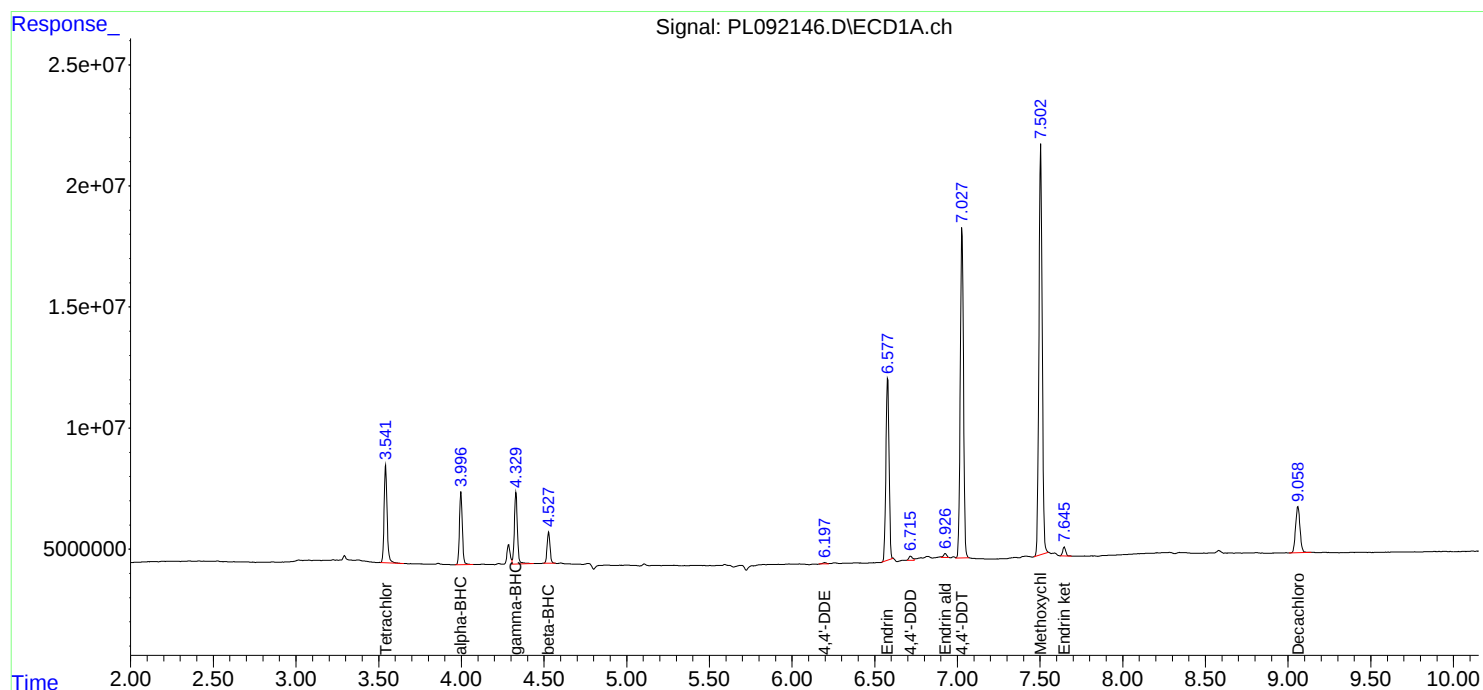
Instrument :
ECD_L
ClientSampleId :
PEM

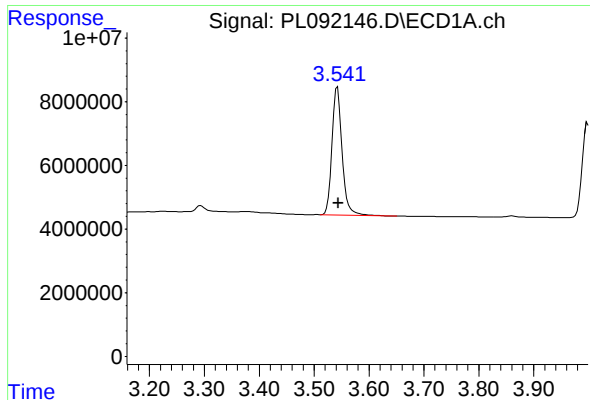
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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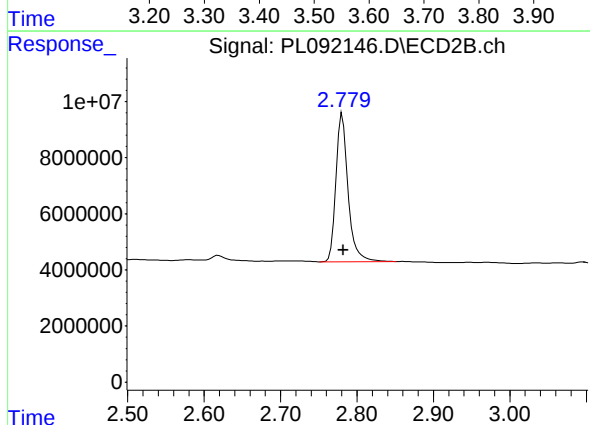
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 51119657
Conc: 22.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

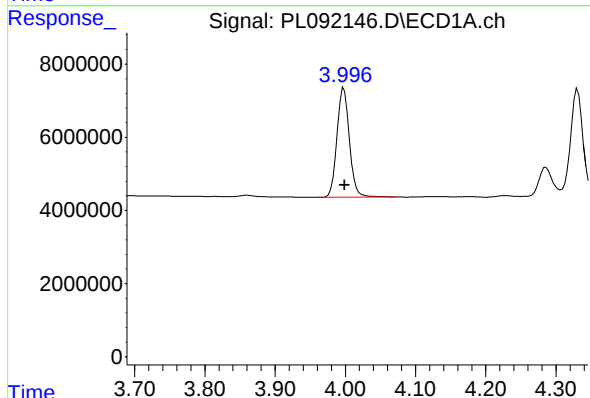
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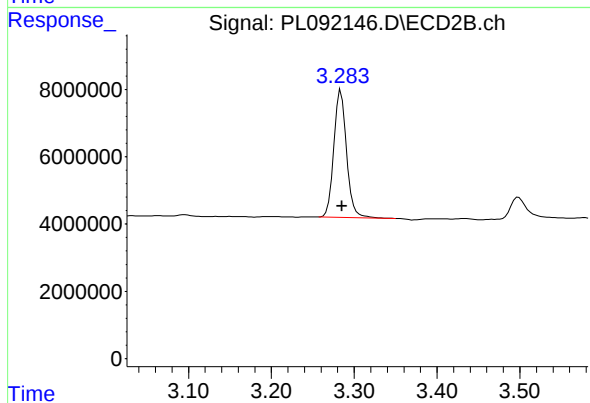
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 58217785
Conc: 23.21 ng/ml



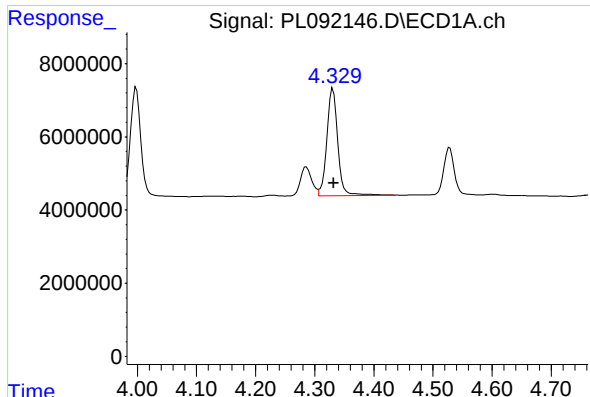
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 36652503
Conc: 11.84 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 40350549
Conc: 11.08 ng/ml



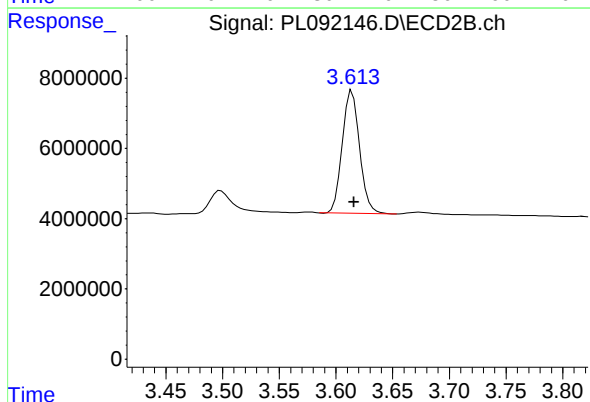
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 37513065
Conc: 12.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

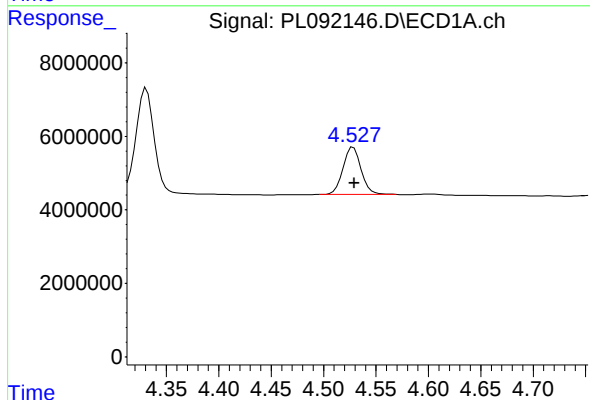
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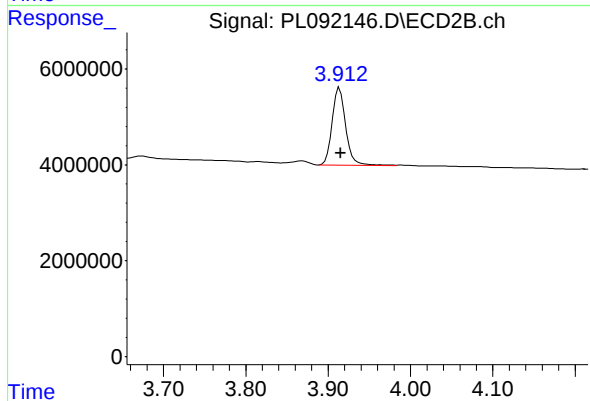
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 37052127
Conc: 10.49 ng/ml



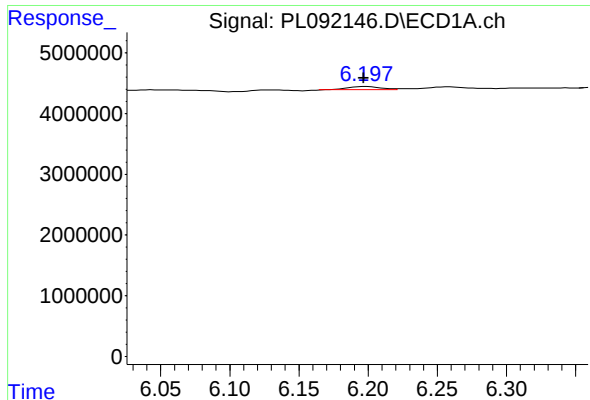
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 15558097
Conc: 11.73 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 18485611
Conc: 12.30 ng/ml



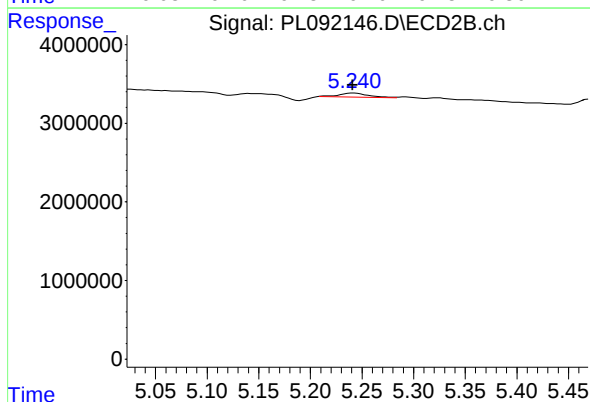
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 920943
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

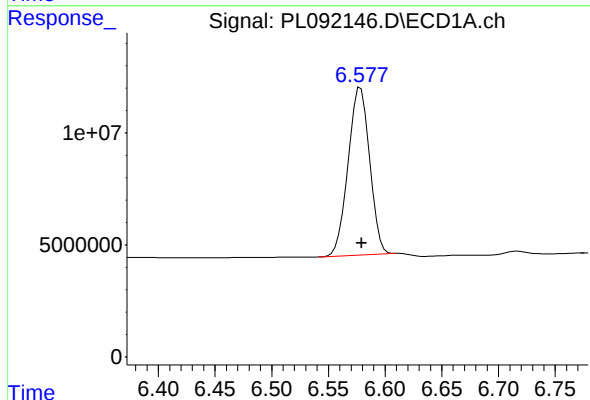
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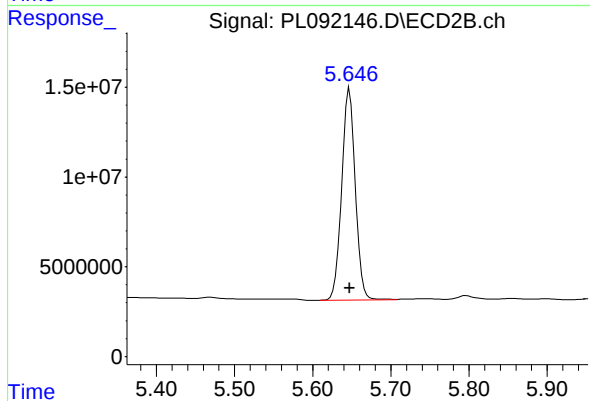
#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1110242
Conc: 0.40 ng/ml



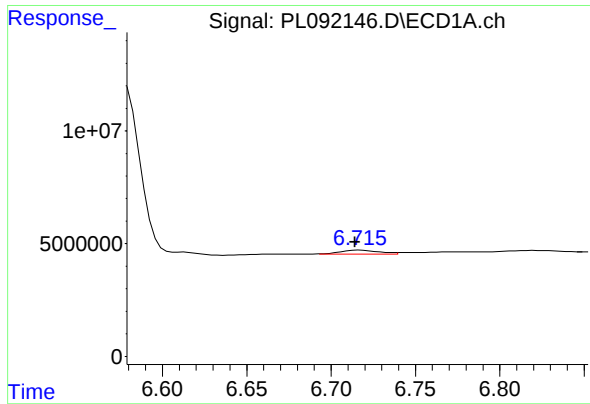
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 99000210
Conc: 48.04 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 143039974
Conc: 54.55 ng/ml



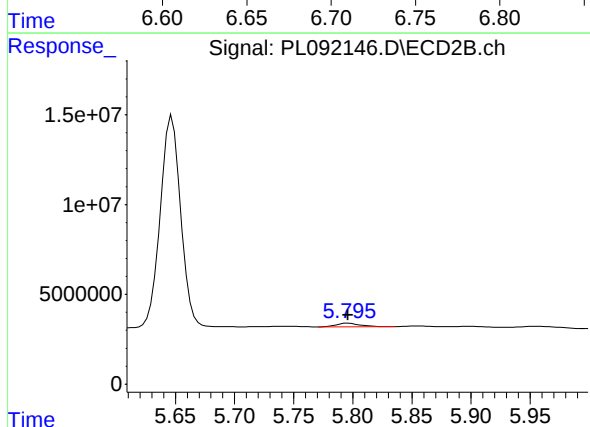
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 2920542
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

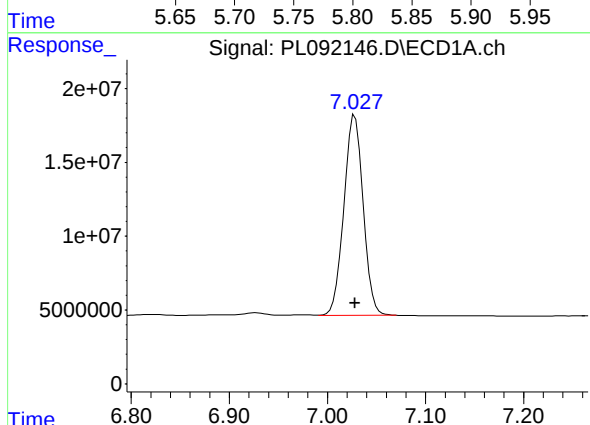
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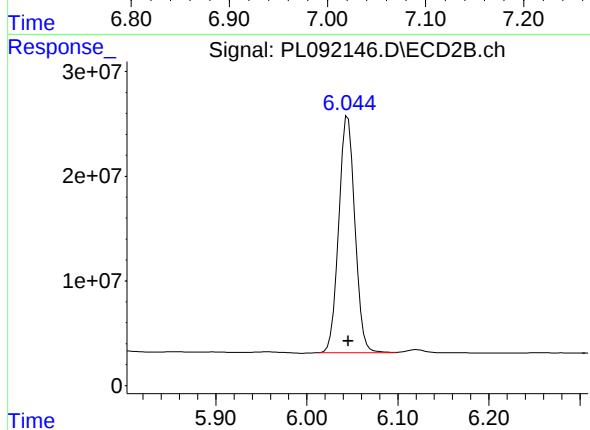
#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 2990323
Conc: 1.40 ng/ml



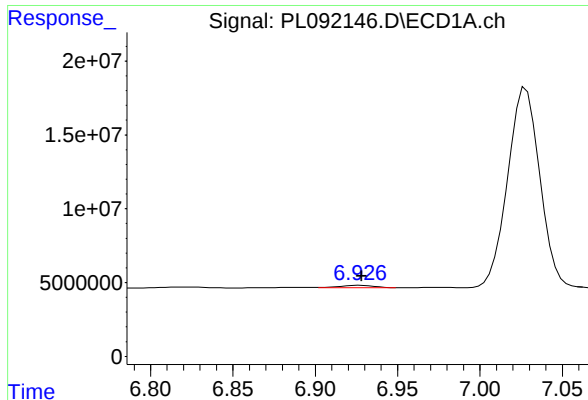
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 185271043
Conc: 100.62 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 278954773
Conc: 120.59 ng/ml



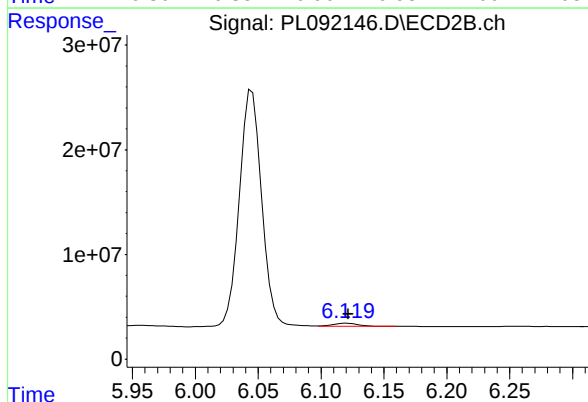
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 2187356
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

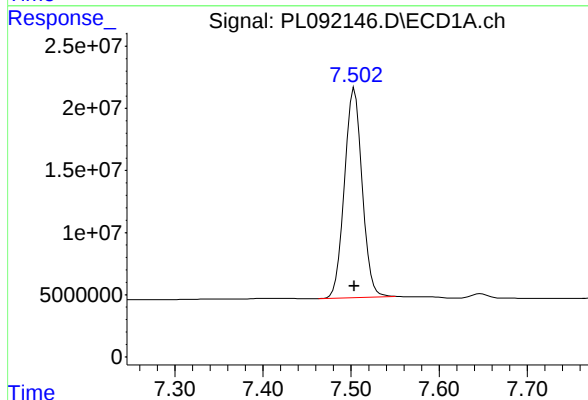
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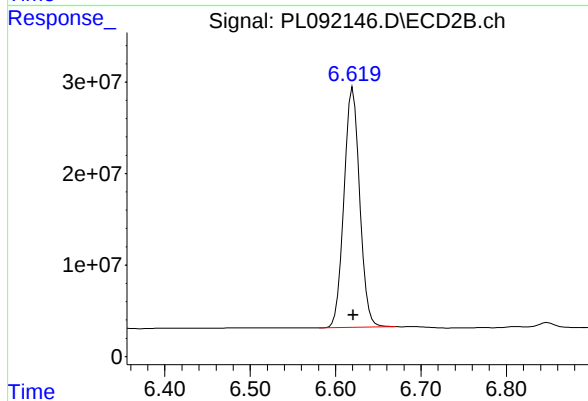
#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 4183843
Conc: 2.05 ng/ml



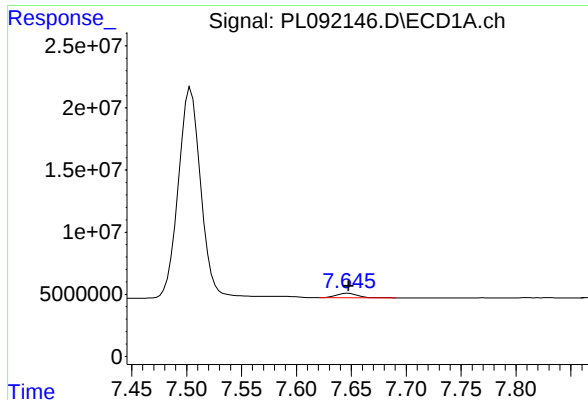
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 235607837
Conc: 240.00 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 334798237
Conc: 267.76 ng/ml



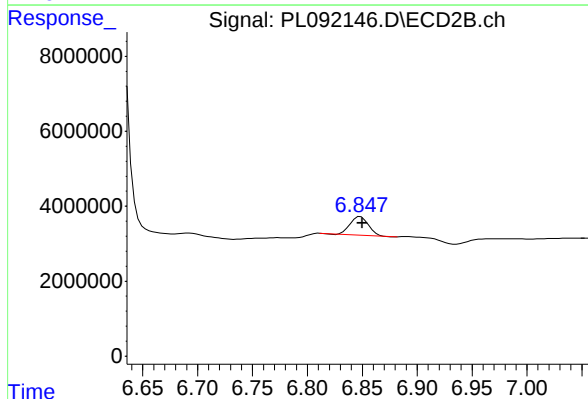
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 4648916
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

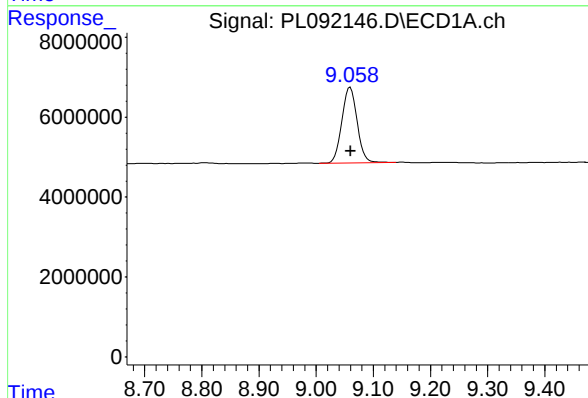
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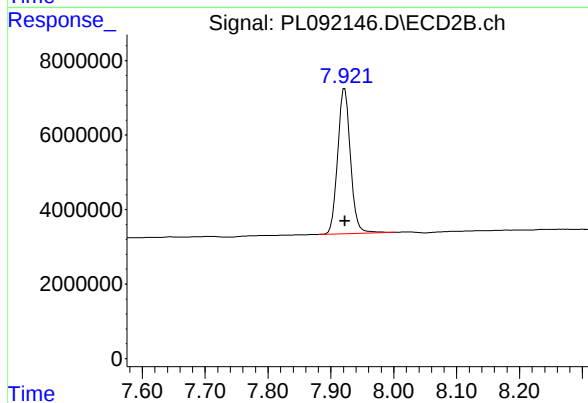
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 5667804
Conc: 2.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 35227601
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 55044176
Conc: 22.00 ng/ml