

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100424\
 Data File : PL092186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 09:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2024
 Supervised By : Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 03:00:54 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...	3.543	2.781	38312397	42217552	17.222	16.833
28)	SA Decachlor...	9.061	7.921	27722210	41460749	16.922	16.571
Target Compounds							
2)	A alpha-BHC	3.998	3.284	27415835	28374078	8.854	7.788
3)	MA gamma-BHC...	4.331	3.614	27628863	26878234	8.916	7.612
6)	B beta-BHC	4.529	3.914	11896645	13457815	8.969	8.953
14)	MA Endrin	6.577	5.646	73373984	103.4E6	35.606m	39.444
16)	A 4,4'-DDD	6.713	5.794	2855013	3520278	1.590m	1.648
17)	MA 4,4'-DDT	7.028	6.045	136.8E6	198.8E6	74.304	85.931
18)	B Endrin al...	6.928	6.120	2888846	3212903	1.658	1.574
20)	A Methoxychlor	7.505	6.619	178.2E6	244.2E6	181.479	195.338
21)	B Endrin ke...	7.648	6.846	5275594	8342656	2.401	3.013m#

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

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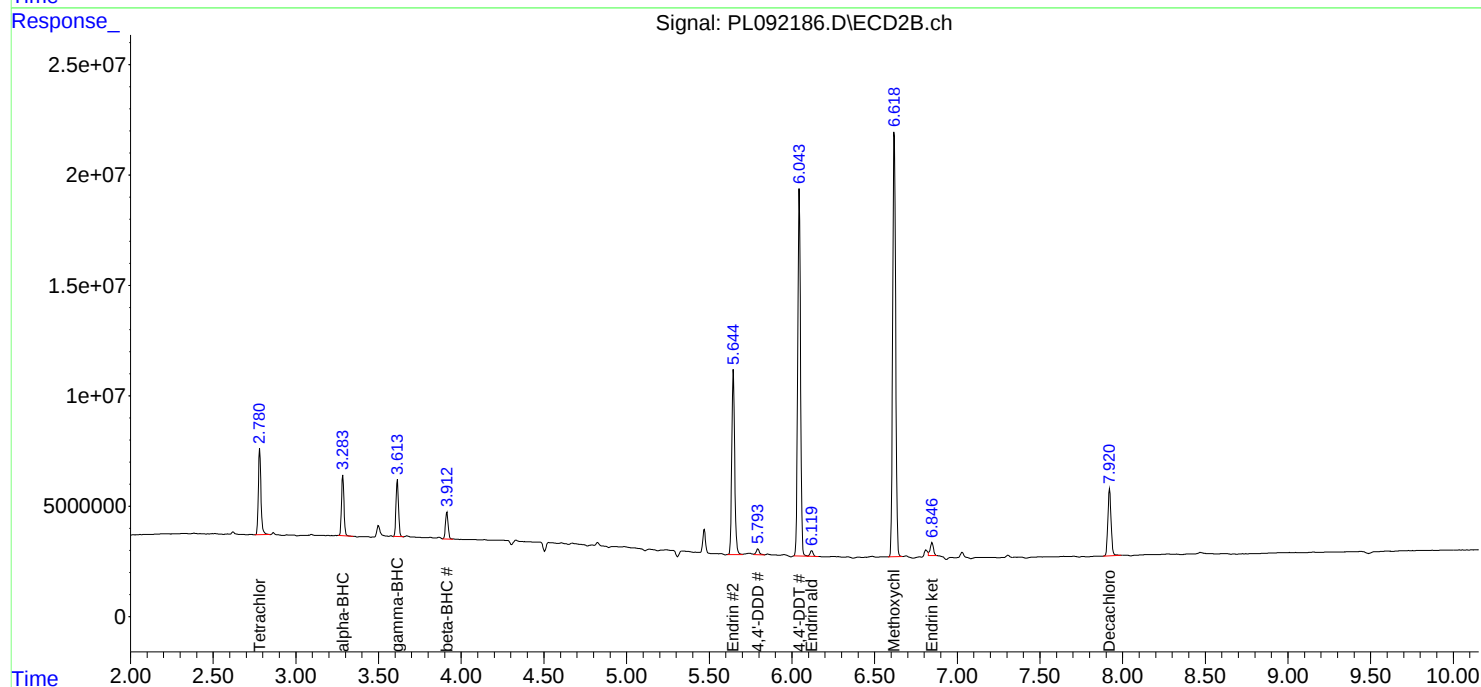
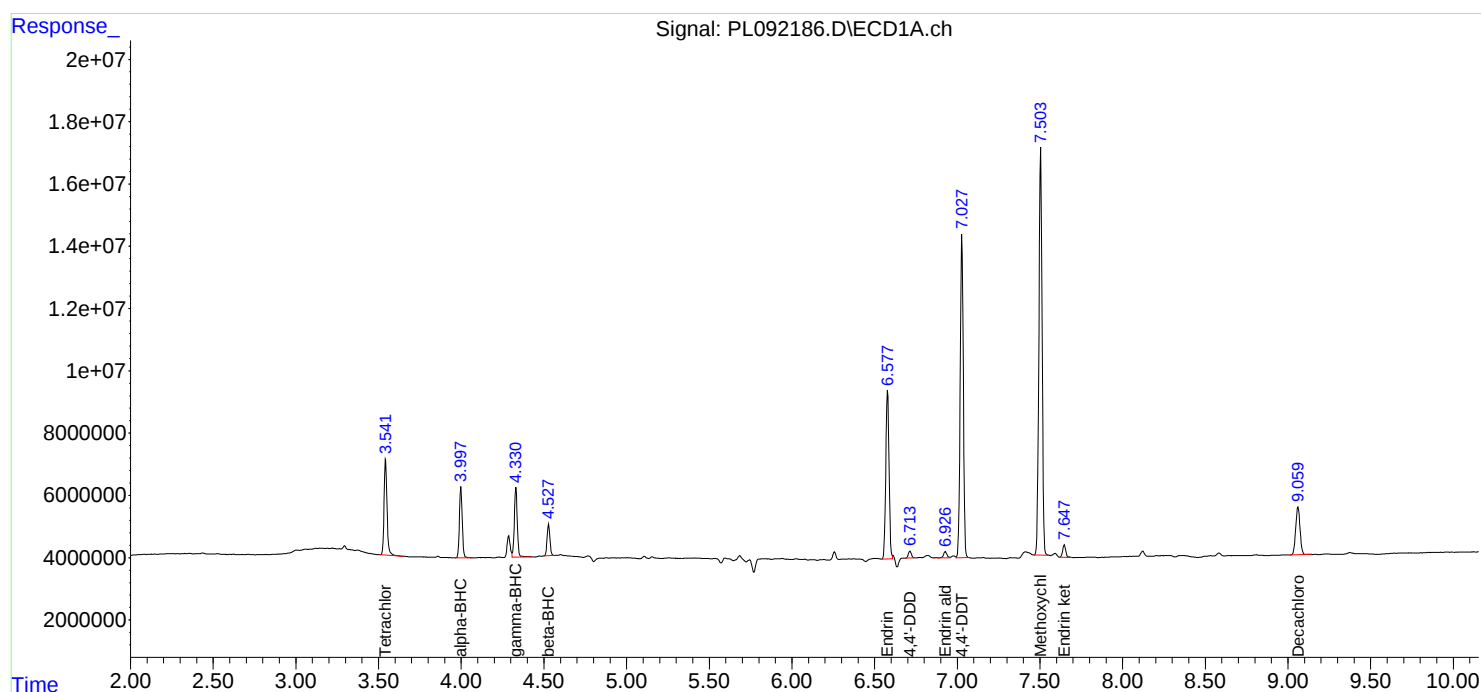
Instrument :
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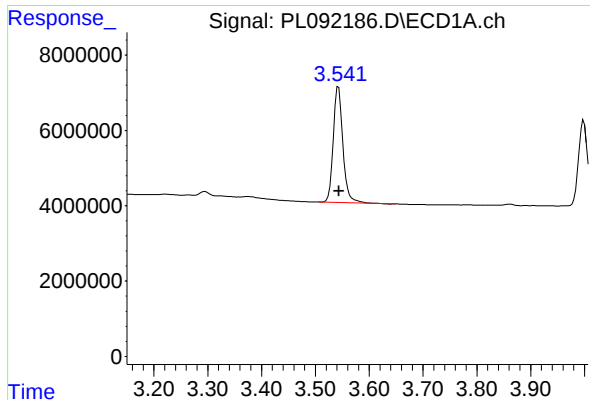
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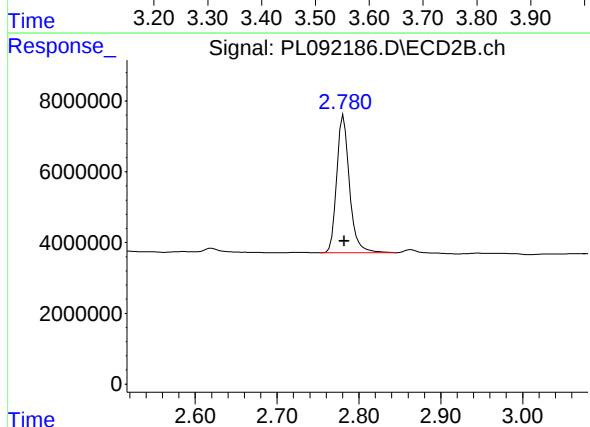
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 38312397
Conc: 17.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

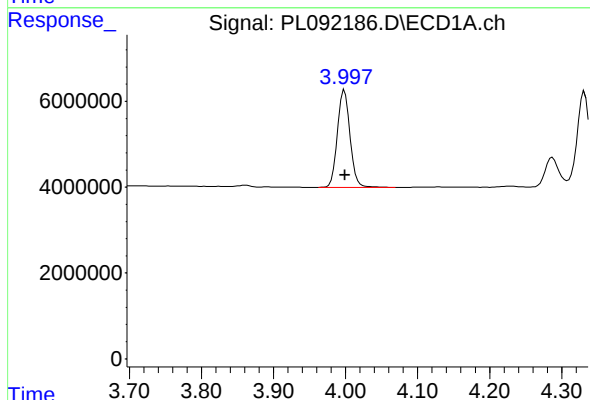
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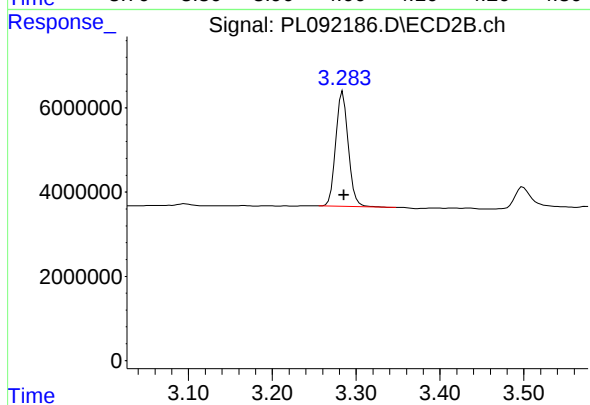
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 42217552
Conc: 16.83 ng/ml



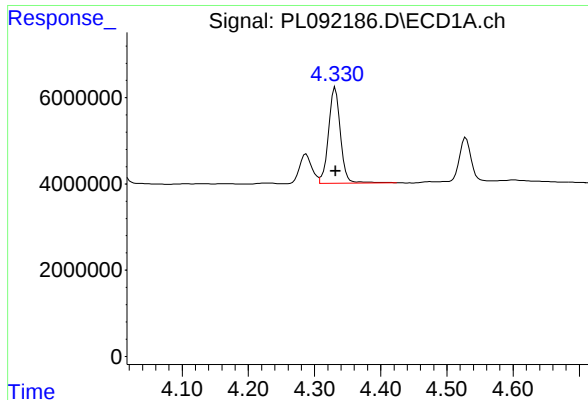
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 27415835
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 28374078
Conc: 7.79 ng/ml



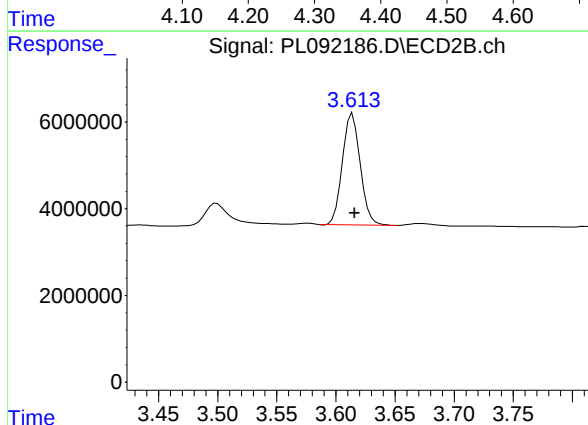
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 27628863
Conc: 8.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

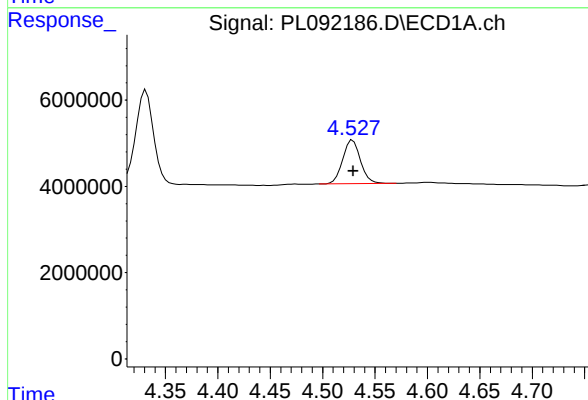
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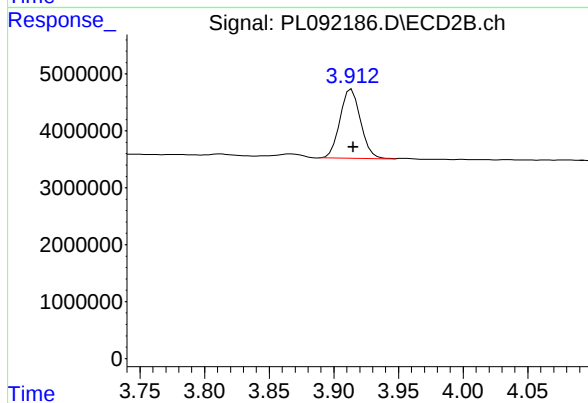
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 26878234
Conc: 7.61 ng/ml



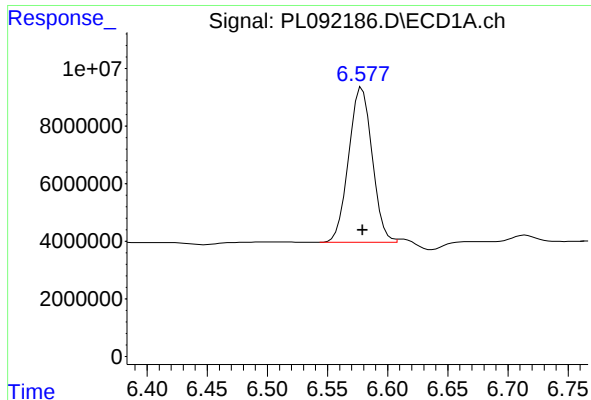
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 11896645
Conc: 8.97 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 13457815
Conc: 8.95 ng/ml



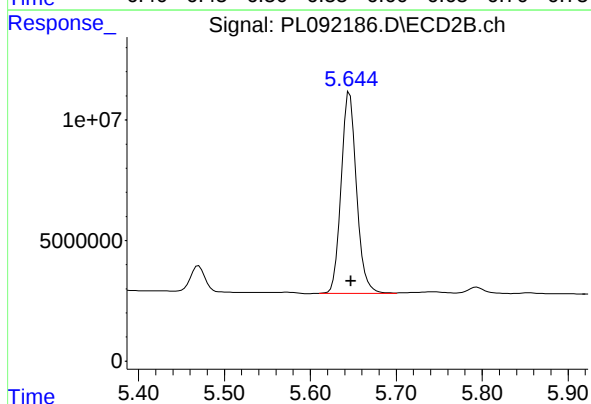
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 73373984
Conc: 35.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

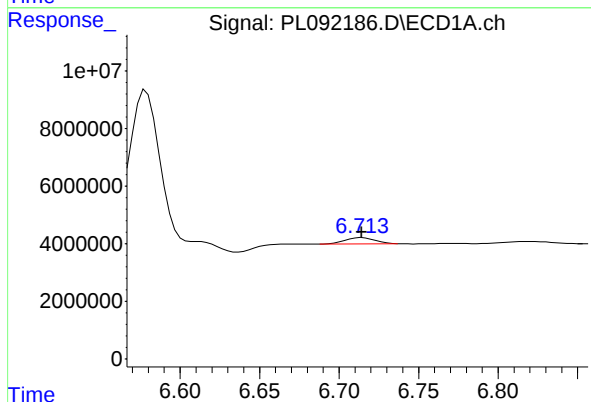
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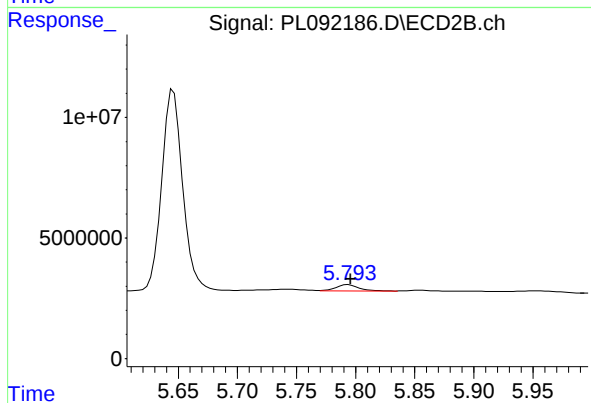
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 103429679
Conc: 39.44 ng/ml



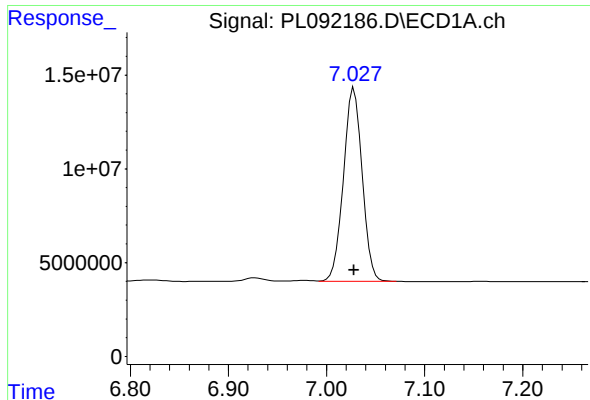
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 2855013
Conc: 1.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 3520278
Conc: 1.65 ng/ml



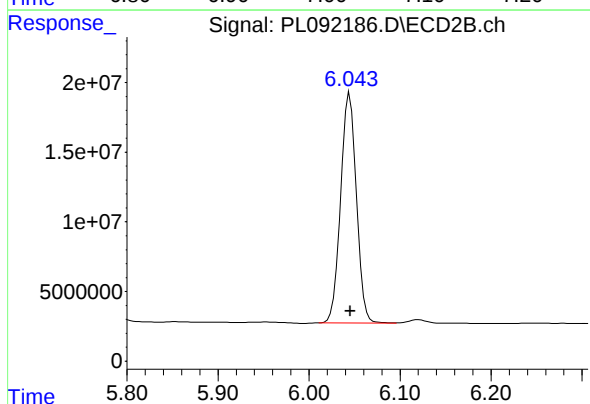
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 136809578
Conc: 74.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

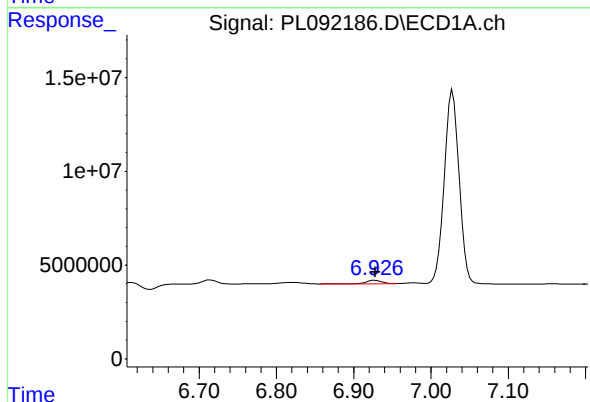
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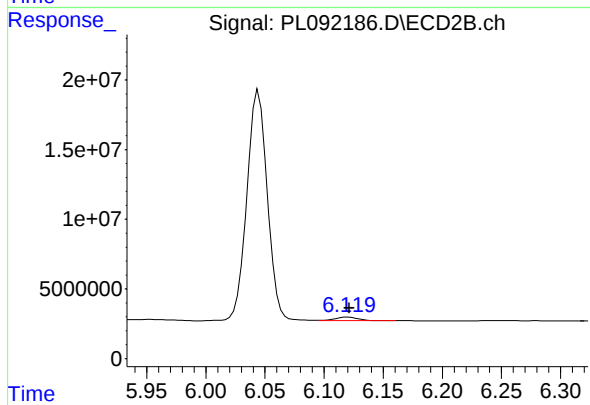
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 198771494
Conc: 85.93 ng/ml



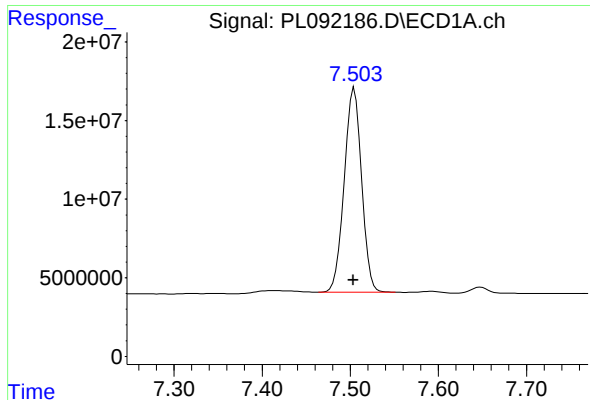
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2888846
Conc: 1.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 3212903
Conc: 1.57 ng/ml



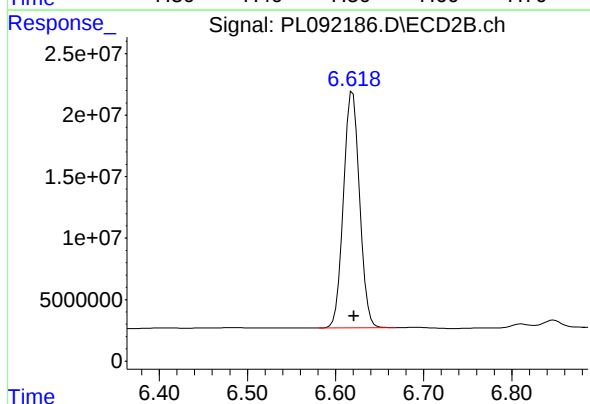
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 178160374
Conc: 181.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

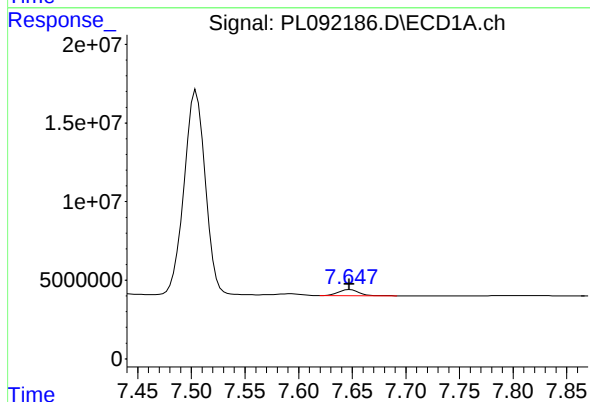
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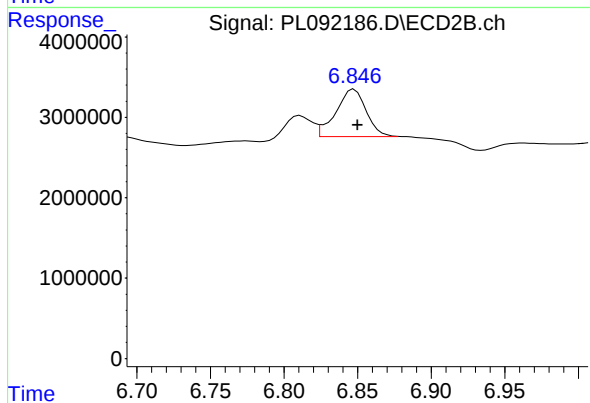
#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 244240191
Conc: 195.34 ng/ml



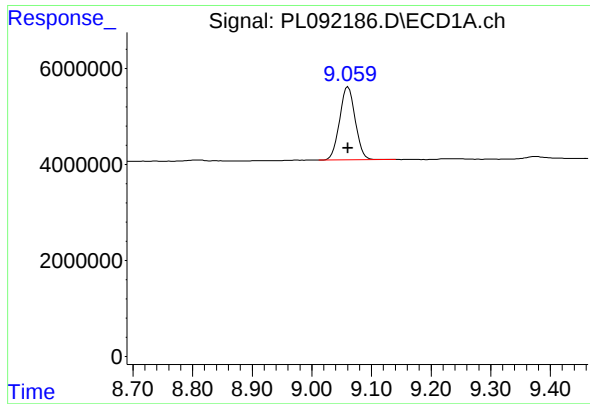
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 5275594
Conc: 2.40 ng/ml



#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 8342656
Conc: 3.01 ng/ml m



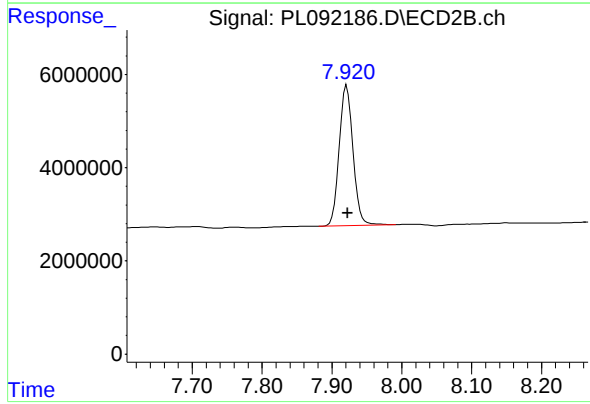
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 27722210
Conc: 16.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 41460749
Conc: 16.57 ng/ml