

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
 Data File : PL092590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2024 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2024
 Supervised By : Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 16:05:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.541	2.779	51988149	54439124	19.299	19.600
2)	SA Decachlor...	9.058	7.918	39233872	56761742	19.316	21.542
Target Compounds							
2)	A alpha-BHC	3.997	3.282	37348555	39427968	9.062	9.137
3)	MA gamma-BHC...	4.329	3.612	35039912	36602081	9.109	8.888
6)	B beta-BHC	4.527	3.911	16290971	18686648	10.495	10.703
14)	MA Endrin	6.577	5.643	103.9E6	141.7E6	36.799	43.272
16)	A 4,4'-DDD	6.714	5.791	1704728	1669045	0.706	0.601m
17)	MA 4,4'-DDT	7.026	6.041	198.0E6	290.4E6	80.282	98.887
18)	B Endrin al...	6.926	6.117	2742209	4126903	1.284	1.680 #
20)	A Methoxychlor	7.503	6.616	253.6E6	350.7E6	215.314	247.329
21)	B Endrin ke...	7.645	6.843	5289701	7111537	1.924	2.214m

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

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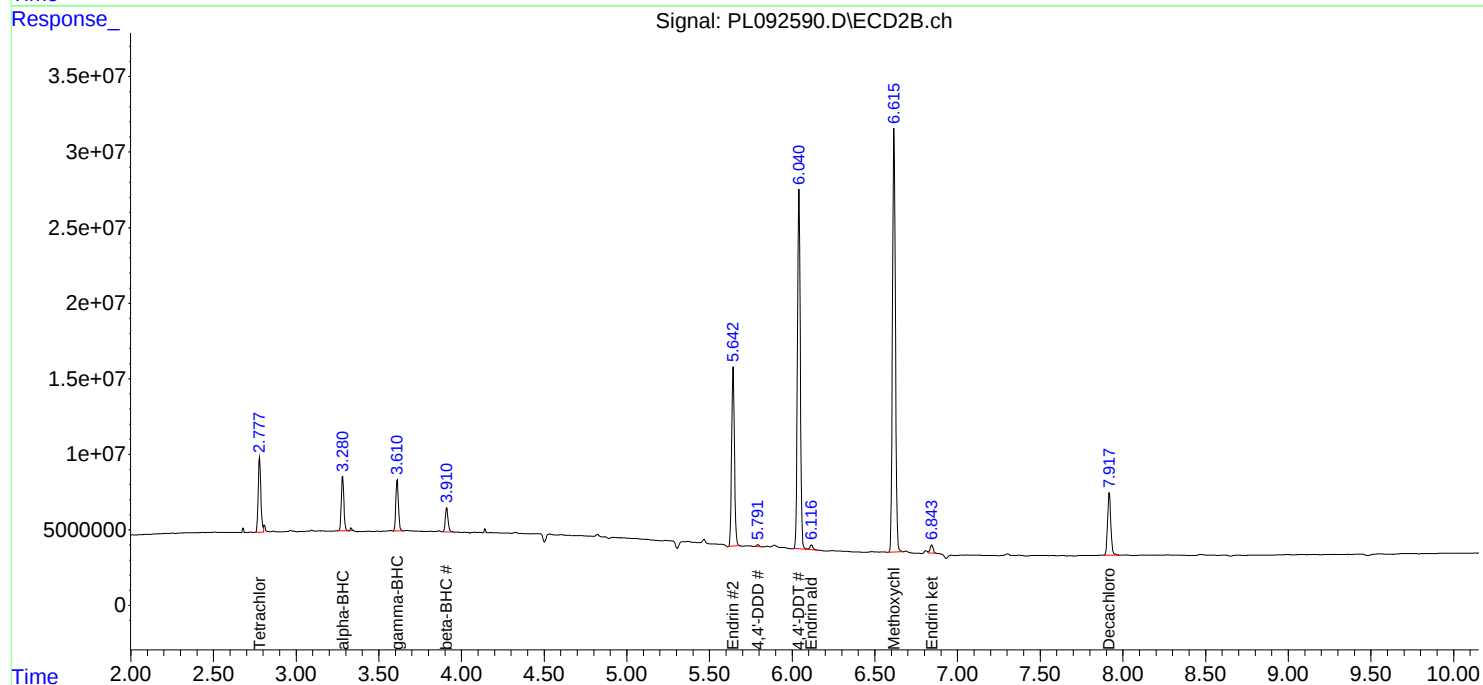
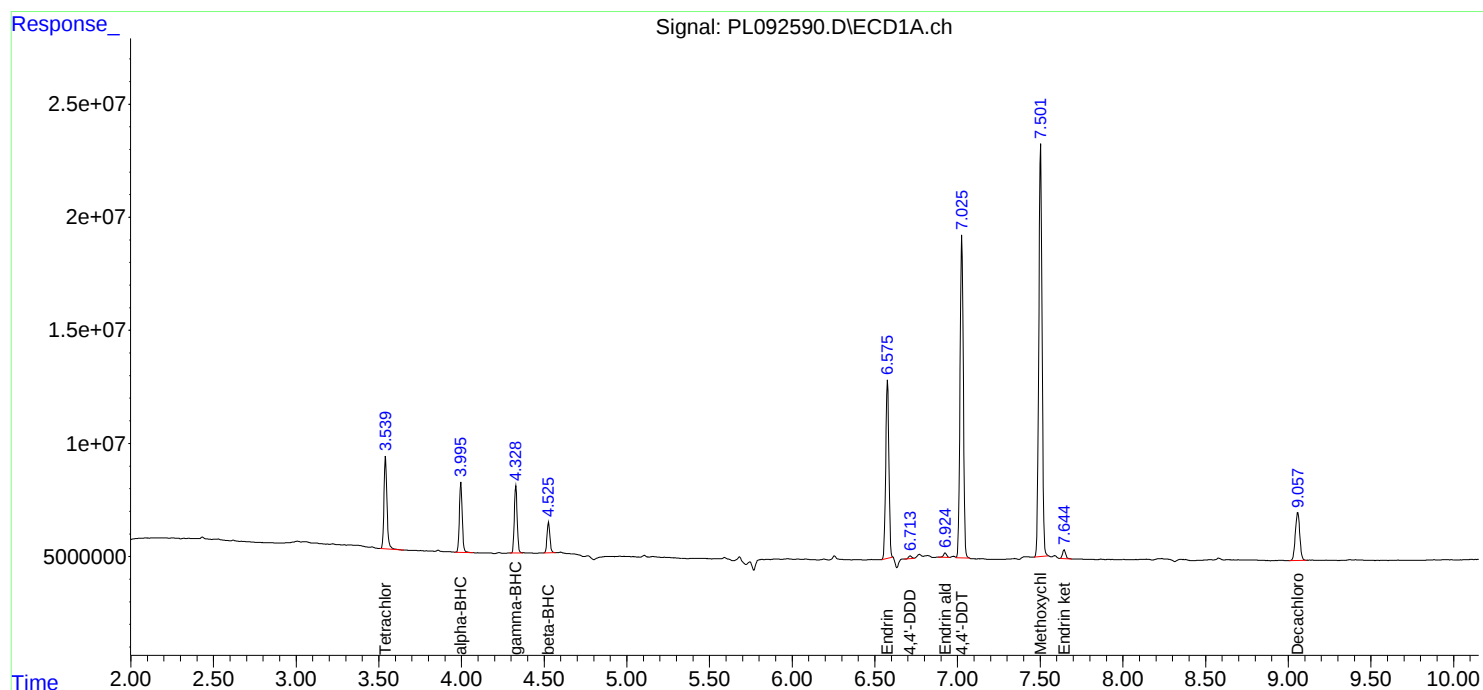
Instrument :
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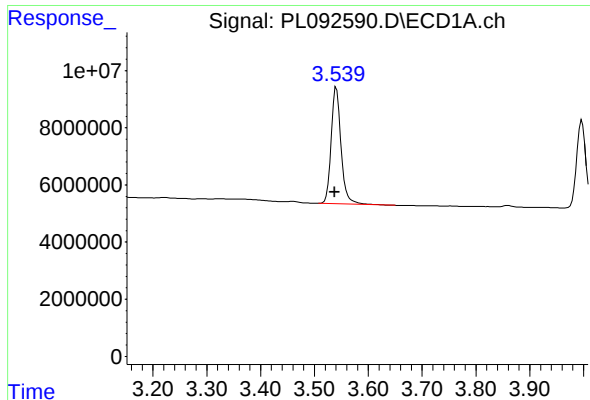
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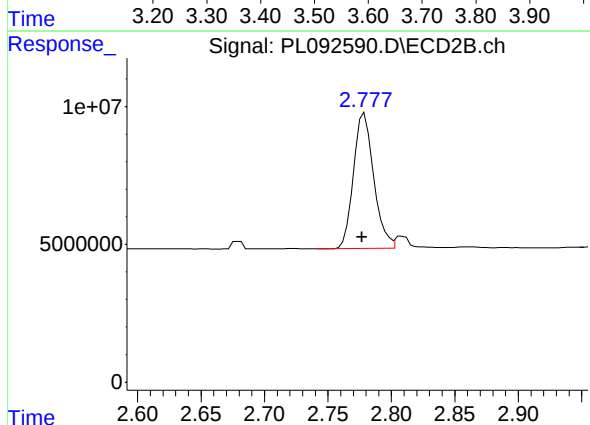
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 51988149
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

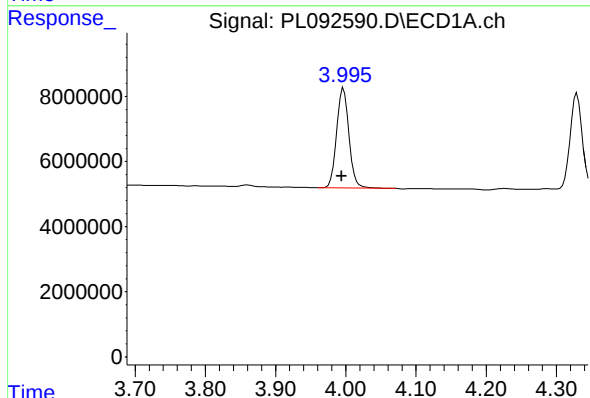
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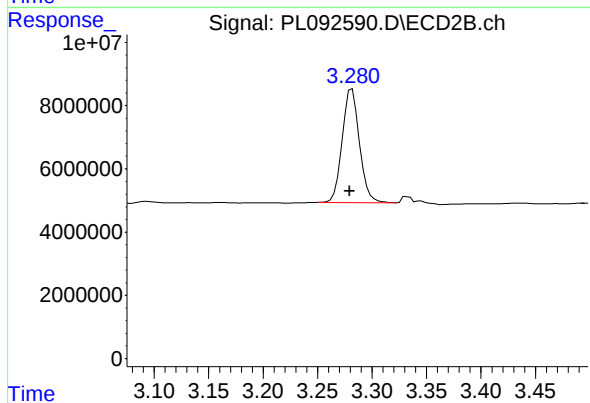
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.002 min
Response: 54439124
Conc: 19.60 ng/ml



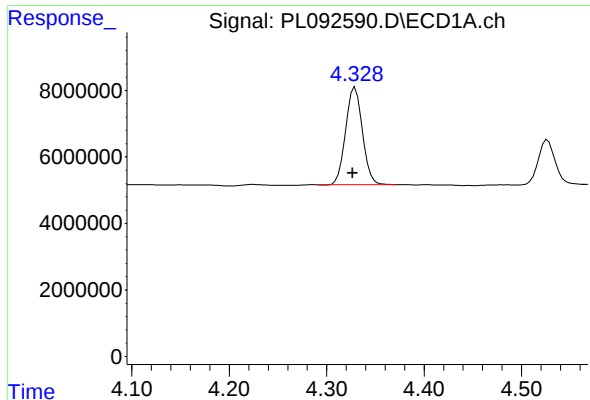
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 37348555
Conc: 9.06 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.002 min
Response: 39427968
Conc: 9.14 ng/ml



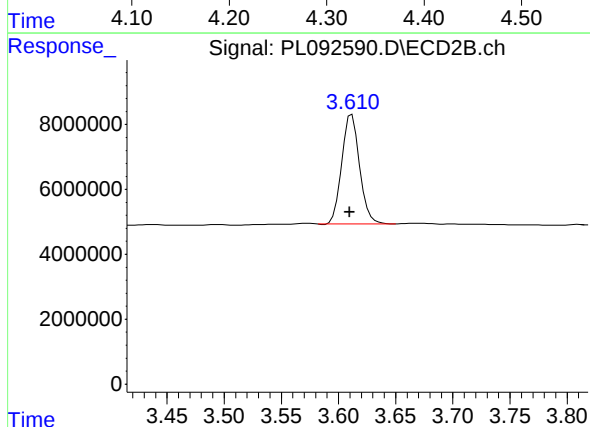
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 35039912
Conc: 9.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

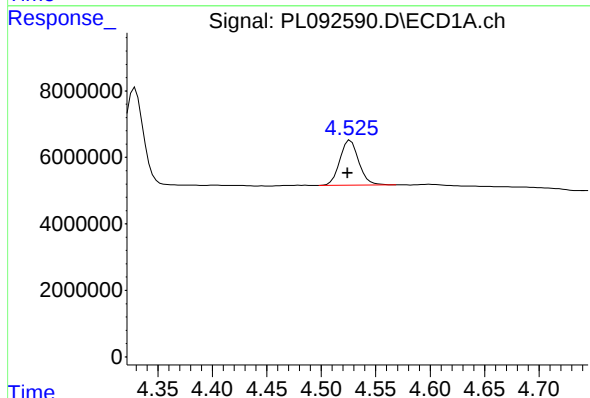
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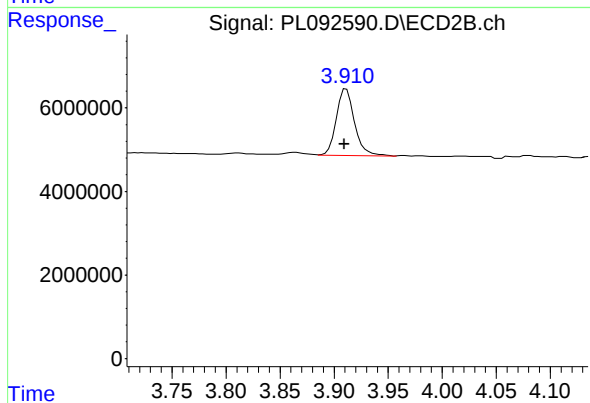
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 36602081
Conc: 8.89 ng/ml



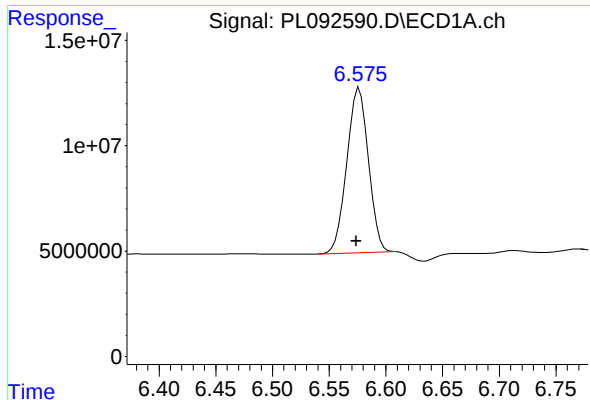
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 16290971
Conc: 10.49 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.002 min
Response: 18686648
Conc: 10.70 ng/ml



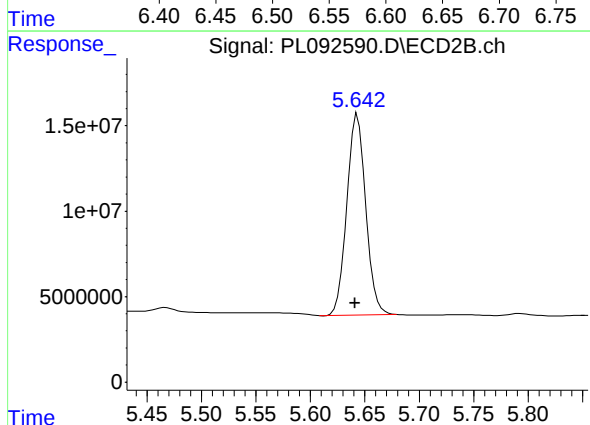
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 103909893
Conc: 36.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

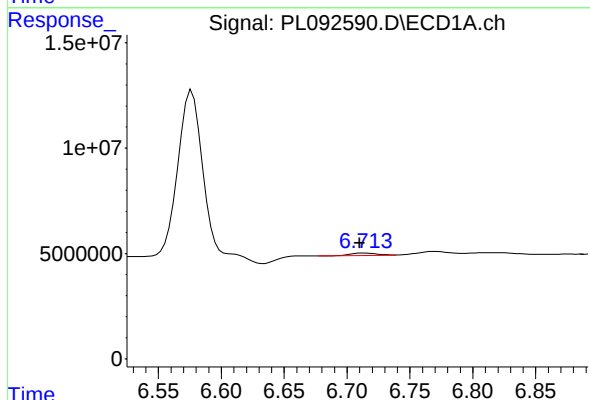
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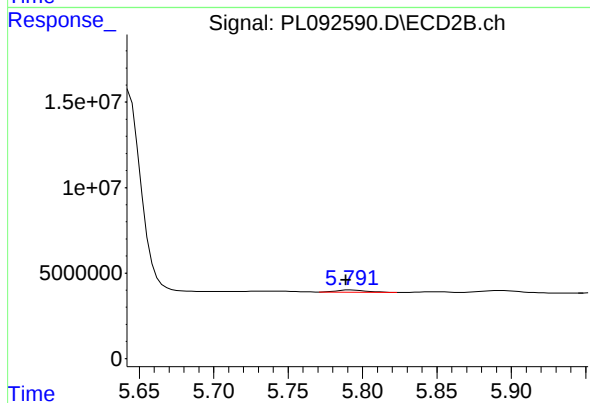
#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 141712007
Conc: 43.27 ng/ml



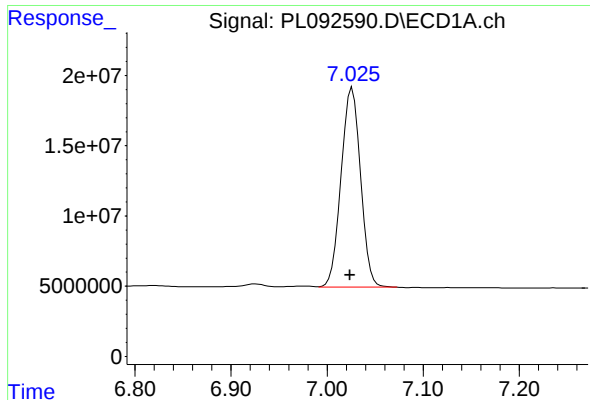
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 1704728
Conc: 0.71 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 1669045
Conc: 0.60 ng/ml m



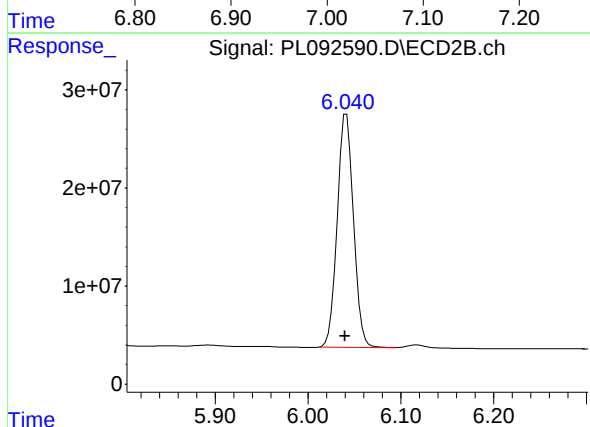
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 197980094
Conc: 80.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

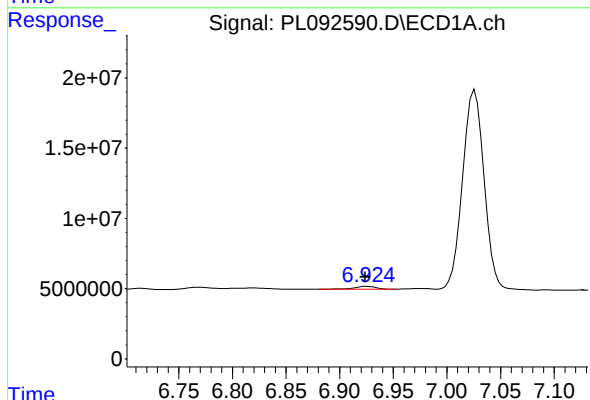
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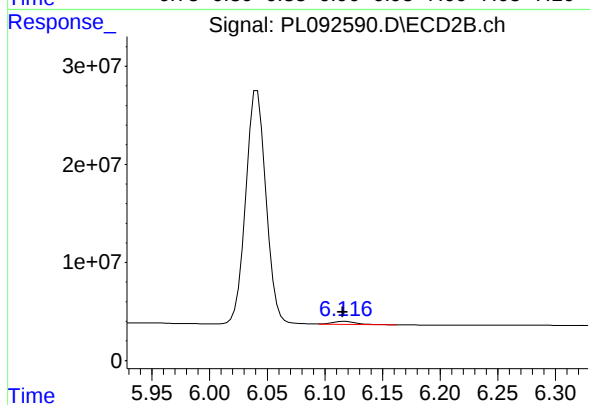
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 290426085
Conc: 98.89 ng/ml



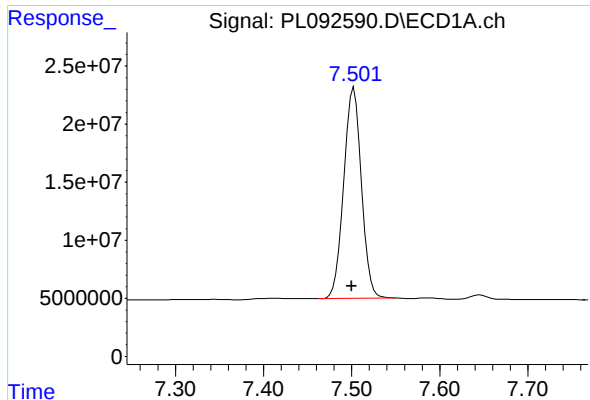
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 2742209
Conc: 1.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 4126903
Conc: 1.68 ng/ml



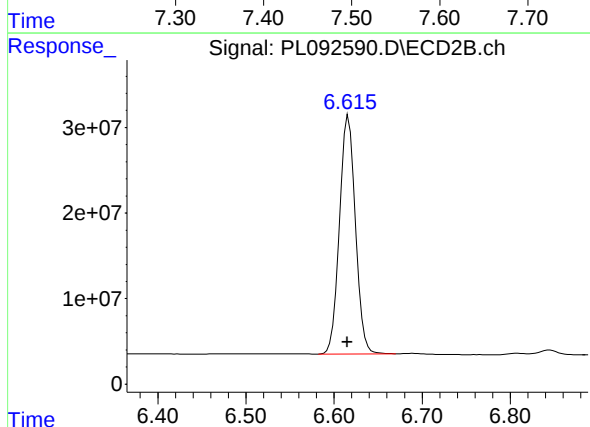
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 253578475
Conc: 215.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

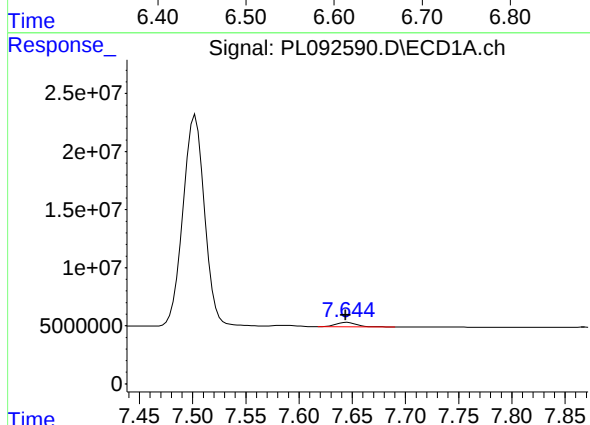
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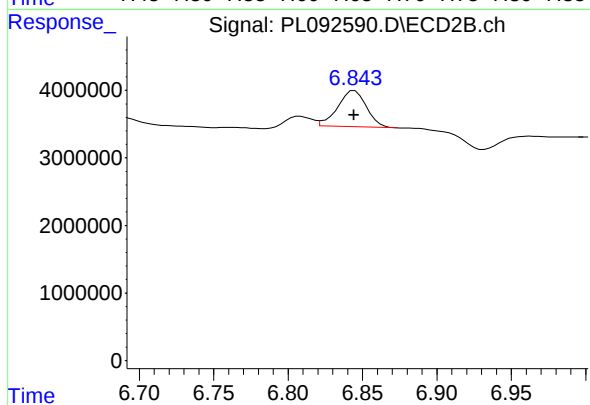
#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 350680216
Conc: 247.33 ng/ml



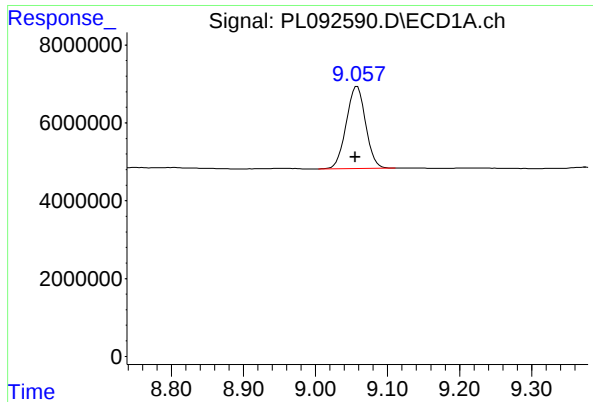
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 5289701
Conc: 1.92 ng/ml



#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 7111537
Conc: 2.21 ng/ml m



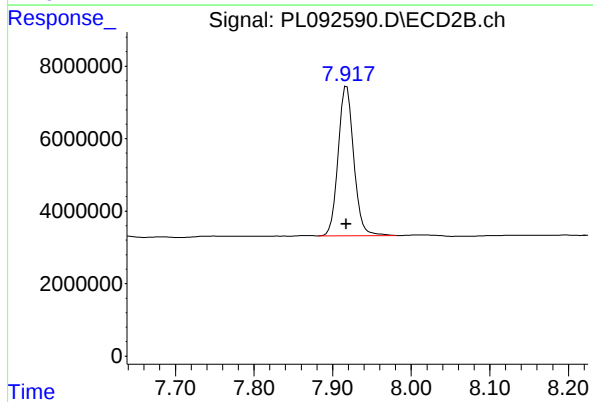
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 39233872
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 56761742
Conc: 21.54 ng/ml