

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2024
 Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:28:28 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...	3.540	2.778	49975897	53692637	22.465	21.408
28)	SA Decachlor...	9.059	7.919	37185860	52506049	22.699	20.986
Target Compounds							
2)	A alpha-BHC	3.995	3.281	35456948	36890249	11.451	10.125
3)	MA gamma-BHC...	4.328	3.611	33605792	34483726	10.845	9.766
6)	B beta-BHC	4.525	3.911	15887784	17560433	11.978	11.683
12)	B 4,4'-DDE	6.188	5.237	302575	375178	0.140m	0.135
14)	MA Endrin	6.575	5.643	94634810	126.4E6	45.924m	48.196
16)	A 4,4'-DDD	6.710	5.791	7174502	7341401	3.995m	3.437
17)	MA 4,4'-DDT	7.025	6.042	177.0E6	250.8E6	96.120m	108.431
18)	B Endrin al...	6.926	6.117	3557822	4179167	2.041	2.048
20)	A Methoxychlor	7.503	6.617	227.2E6	303.8E6	231.465	243.012
21)	B Endrin ke...	7.646	6.845	7877708	9991503	3.585	3.608

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

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Acq On : 11 Oct 2024 08:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

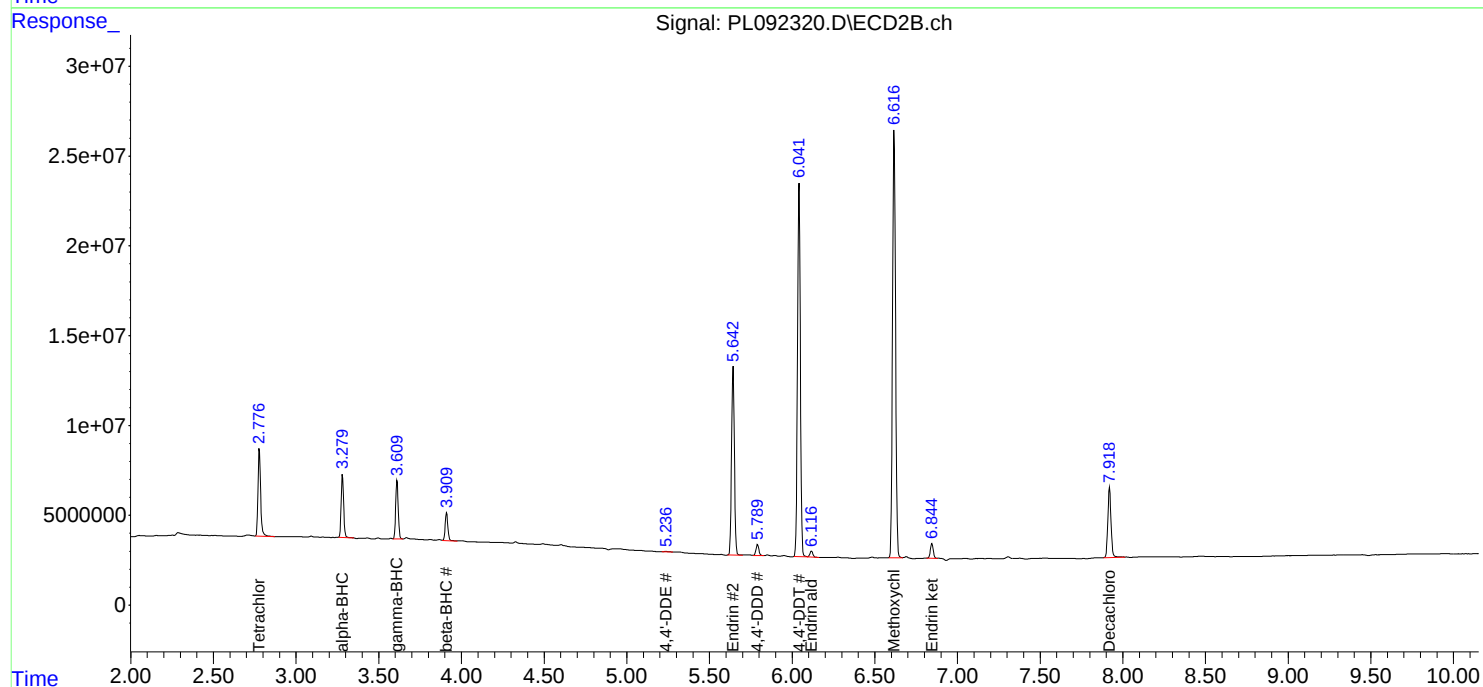
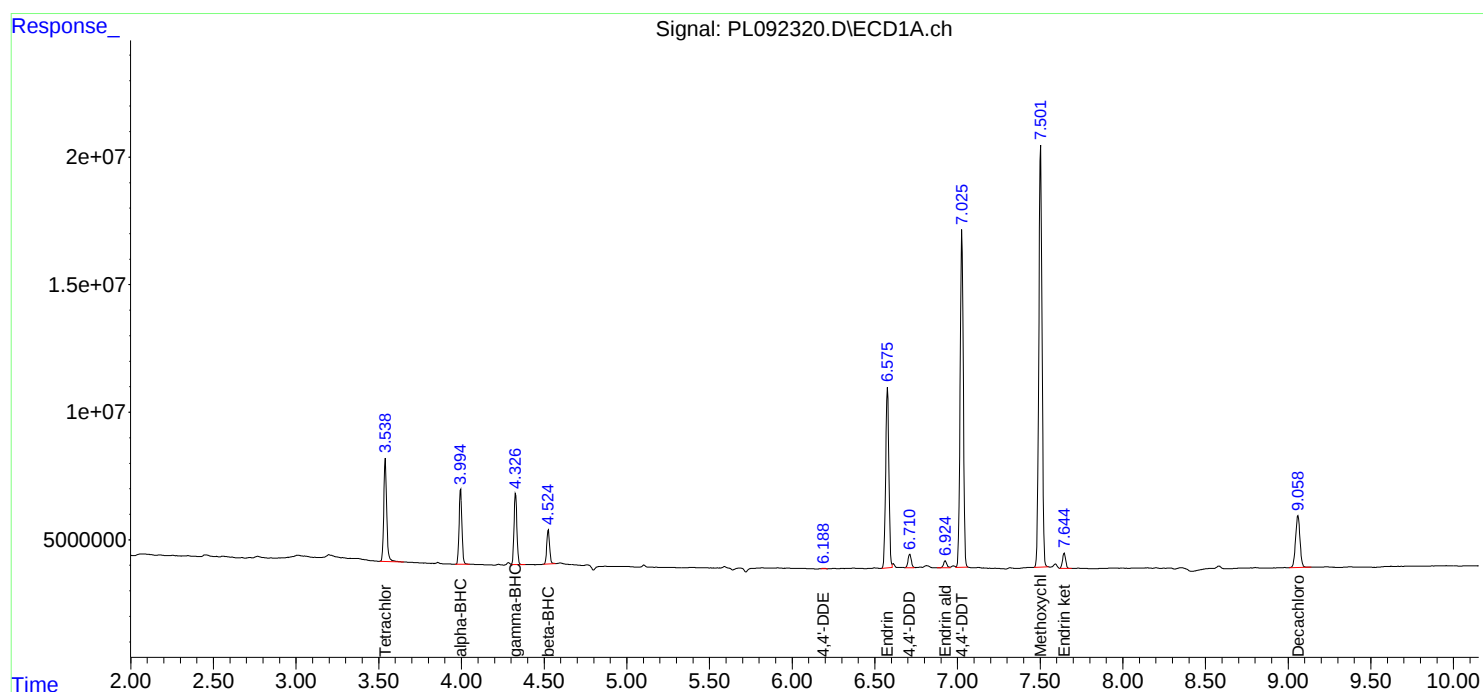
Instrument :
ECD_L
ClientSampleId :
PEM

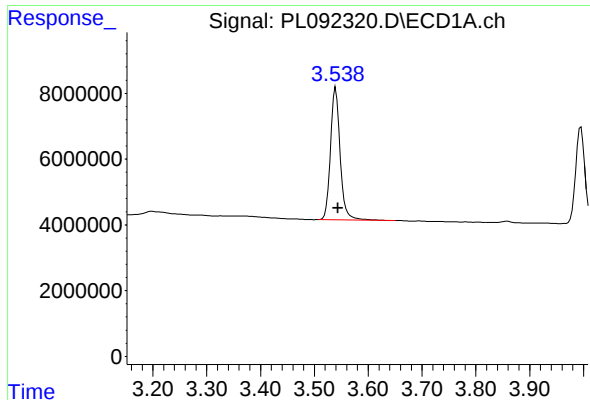
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Integration File signal 1: autoint1.e
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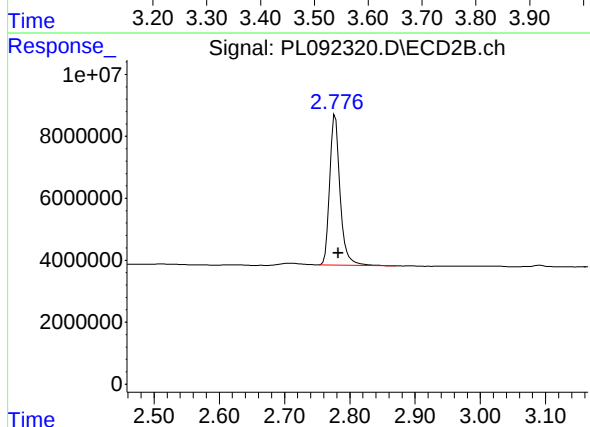
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 49975897
Conc: 22.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

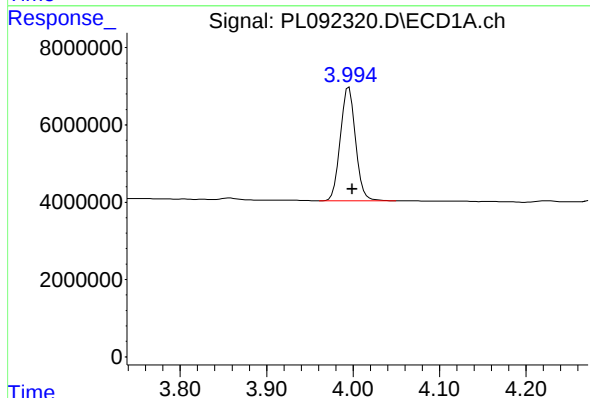
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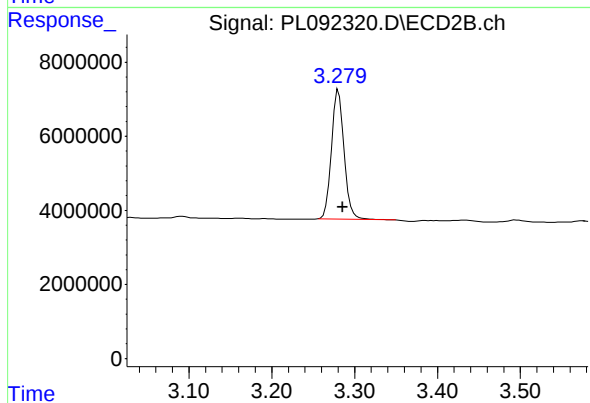
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.005 min
Response: 53692637
Conc: 21.41 ng/ml



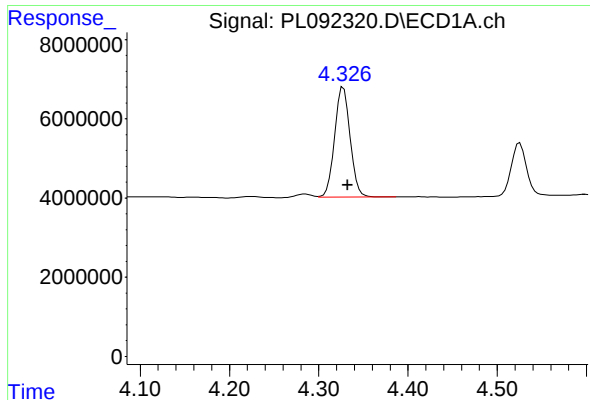
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 35456948
Conc: 11.45 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 36890249
Conc: 10.13 ng/ml



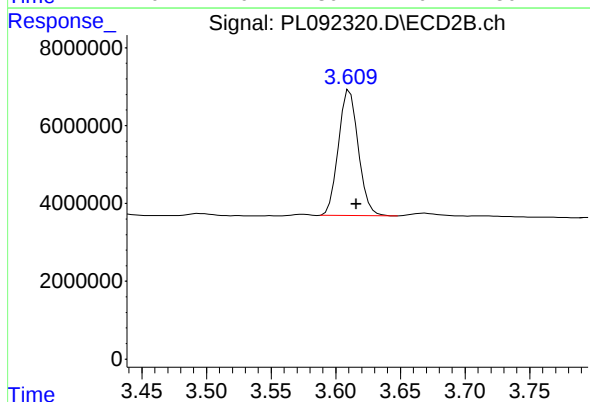
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.005 min
Response: 33605792
Conc: 10.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

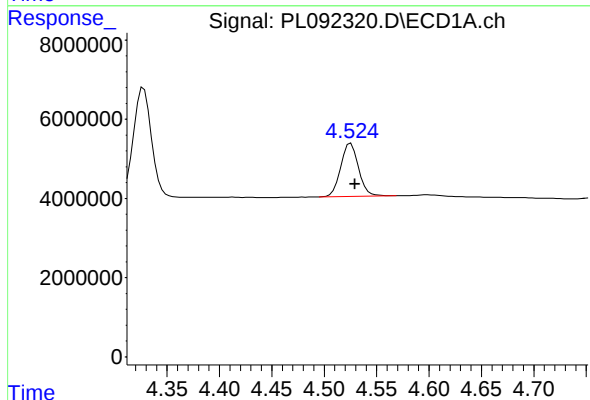
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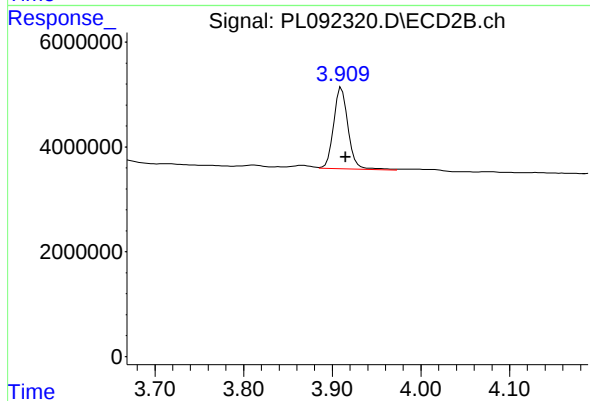
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 34483726
Conc: 9.77 ng/ml



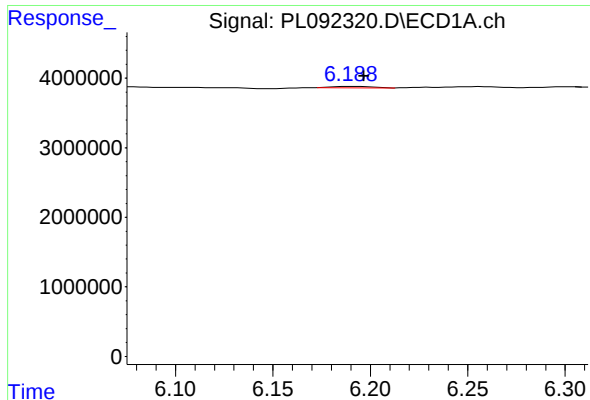
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 15887784
Conc: 11.98 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.005 min
Response: 17560433
Conc: 11.68 ng/ml



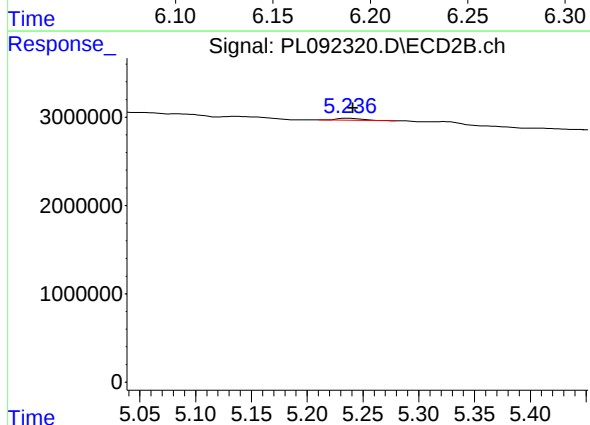
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.008 min
Response: 302575
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

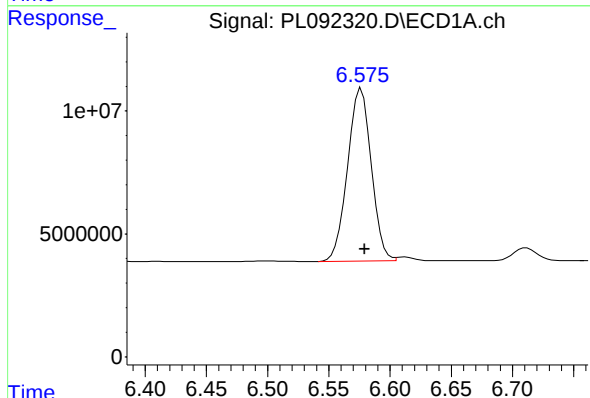
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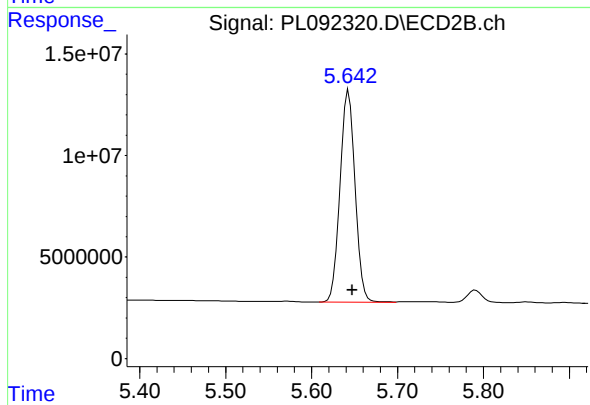
#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 375178
Conc: 0.14 ng/ml



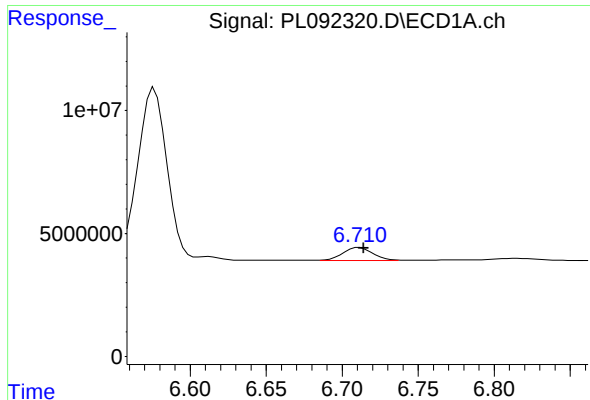
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 94634810
Conc: 45.92 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 126379325
Conc: 48.20 ng/ml



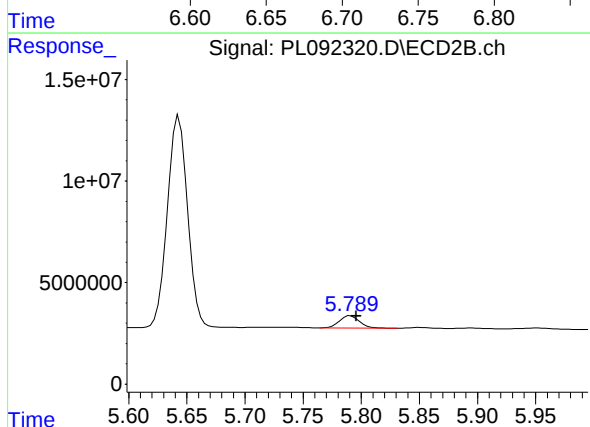
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 7174502
Conc: 4.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

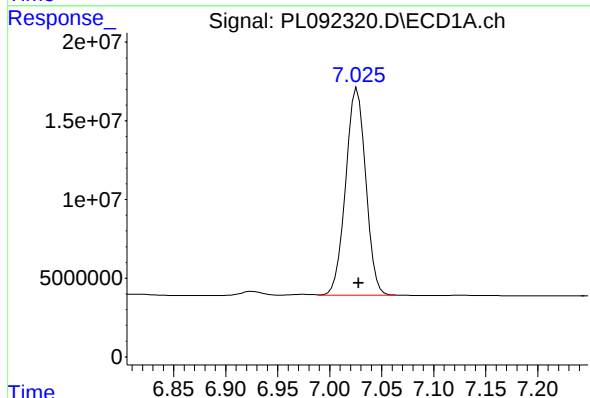
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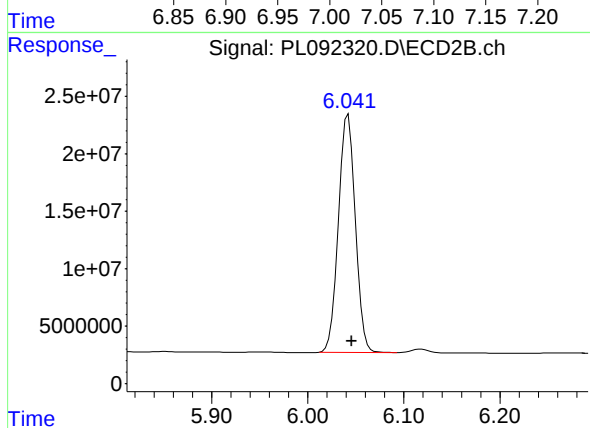
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 7341401
Conc: 3.44 ng/ml



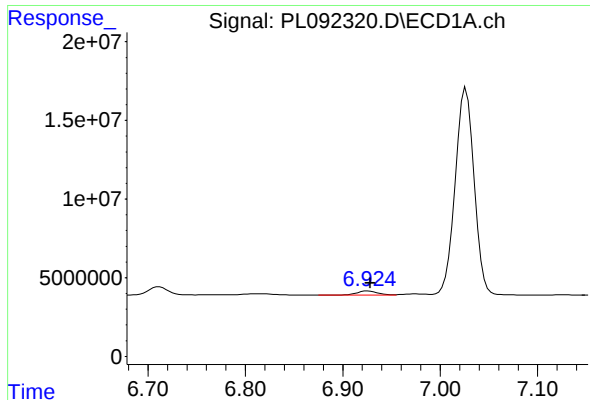
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 176976166
Conc: 96.12 ng/ml m



#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 250818654
Conc: 108.43 ng/ml



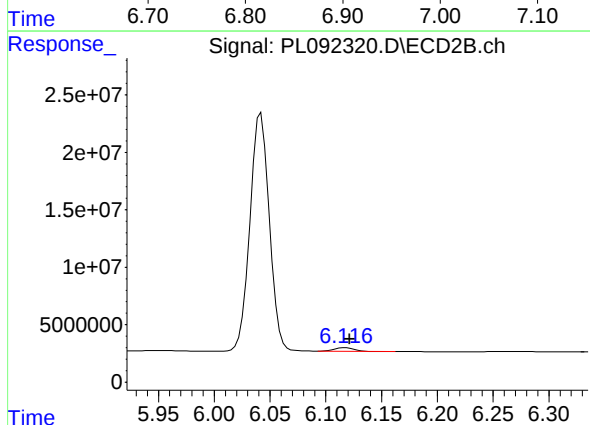
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 3557822
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

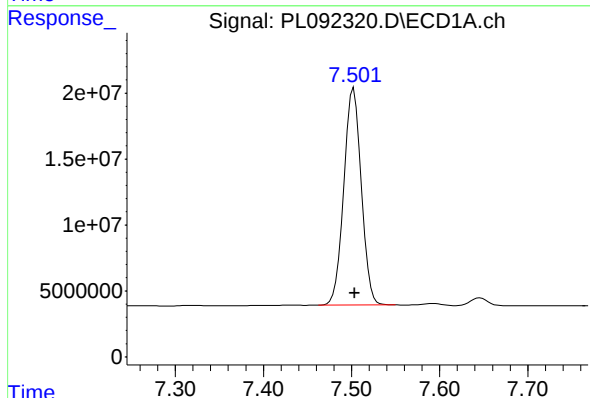
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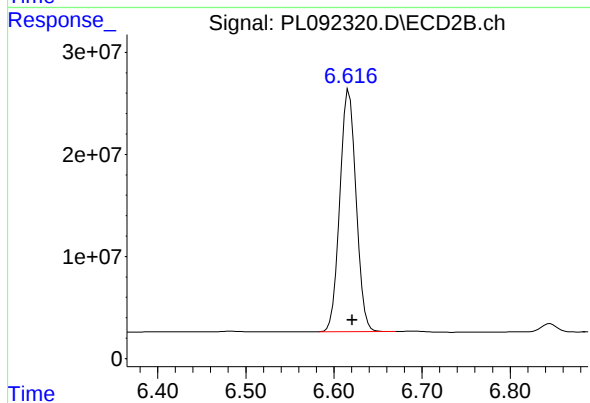
#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 4179167
Conc: 2.05 ng/ml



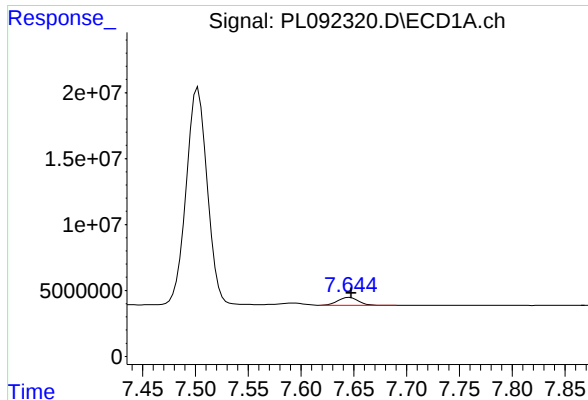
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 227231707
Conc: 231.46 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 303849136
Conc: 243.01 ng/ml



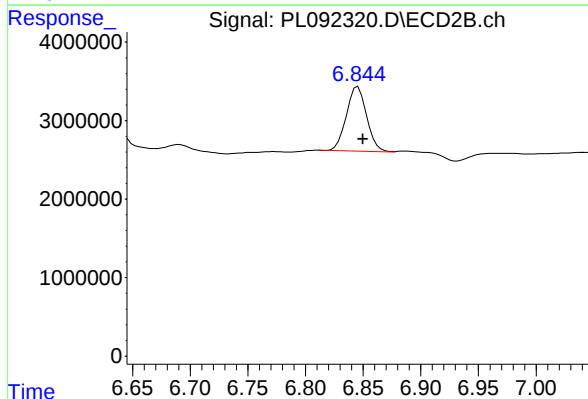
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 7877708
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

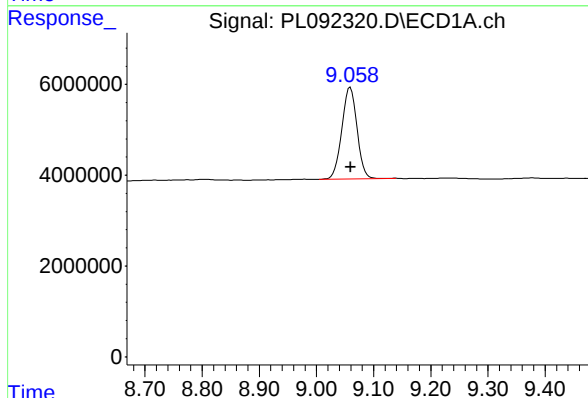
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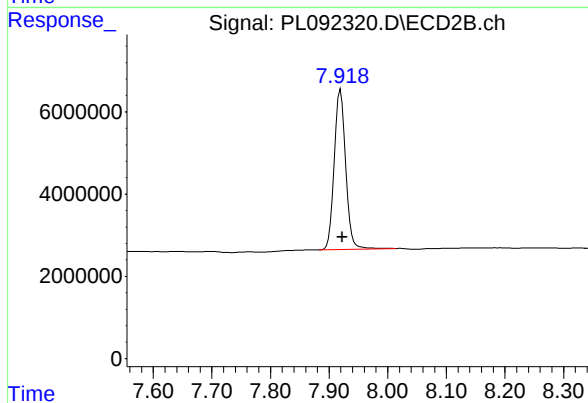
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 9991503
Conc: 3.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 37185860
Conc: 22.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 52506049
Conc: 20.99 ng/ml