

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
 Data File : PL092368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 12:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:52:28 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...	3.541	2.780	48368875	53045704	21.742	21.150
28)	SA Decachlor...	9.059	7.921	35952456	52882186	21.946	21.136
Target Compounds							
2)	A alpha-BHC	3.997	3.283	35467819	36861415	11.454	10.118
3)	MA gamma-BHC...	4.330	3.613	33275438	34362147	10.738	9.732
6)	B beta-BHC	4.527	3.911	13943625	17532694	10.513	11.664m
12)	B 4,4'-DDE	6.196	5.241	460469	696498	0.213m	0.251
14)	MA Endrin	6.577	5.645	95674946	132.9E6	46.428	50.678
16)	A 4,4'-DDD	6.713	5.795	1944596	2837220	1.083m	1.328
17)	MA 4,4'-DDT	7.027	6.044	181.0E6	267.1E6	98.326	115.479
18)	B Endrin al...	6.925	6.119	2484788	3268266	1.426m	1.602m
20)	A Methoxychlor	7.503	6.619	233.3E6	324.9E6	237.681	259.841
21)	B Endrin ke...	7.646	6.847	4906828	6661961	2.233	2.406

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

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Acq On : 15 Oct 2024 12:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

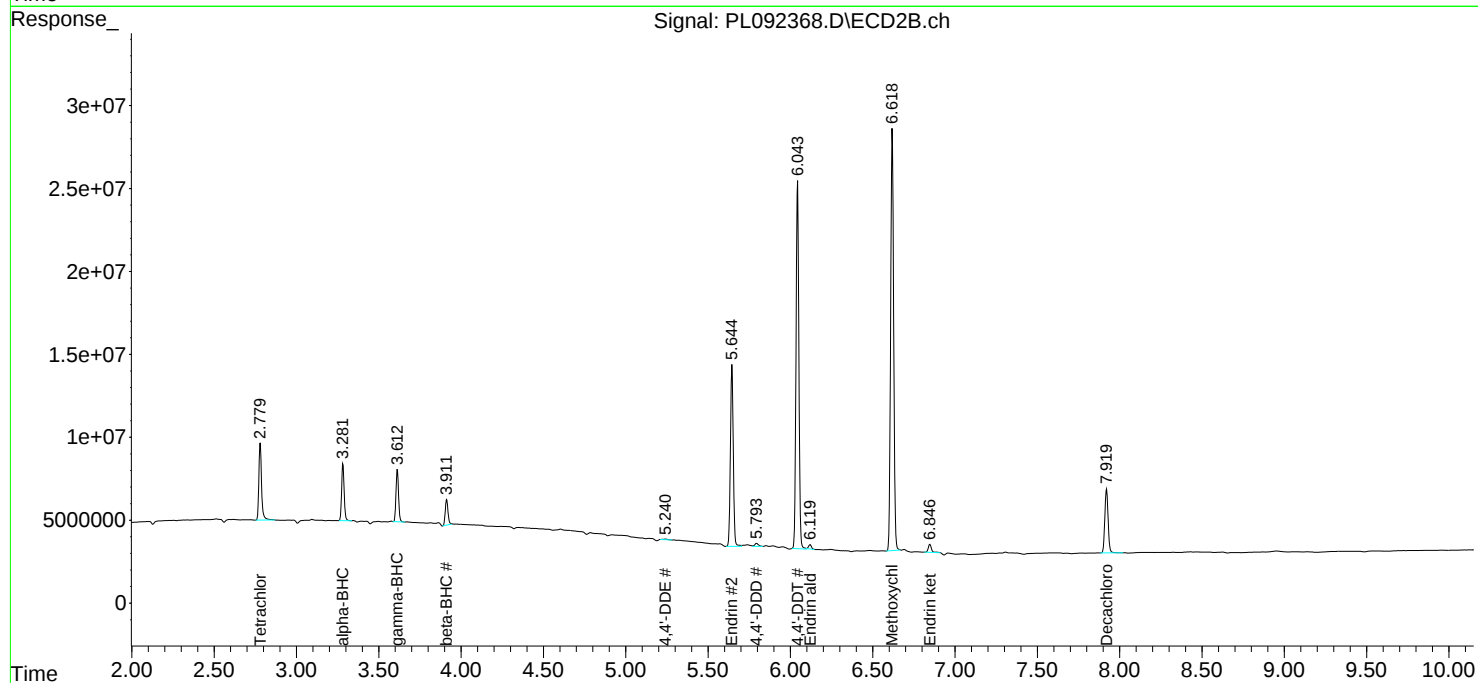
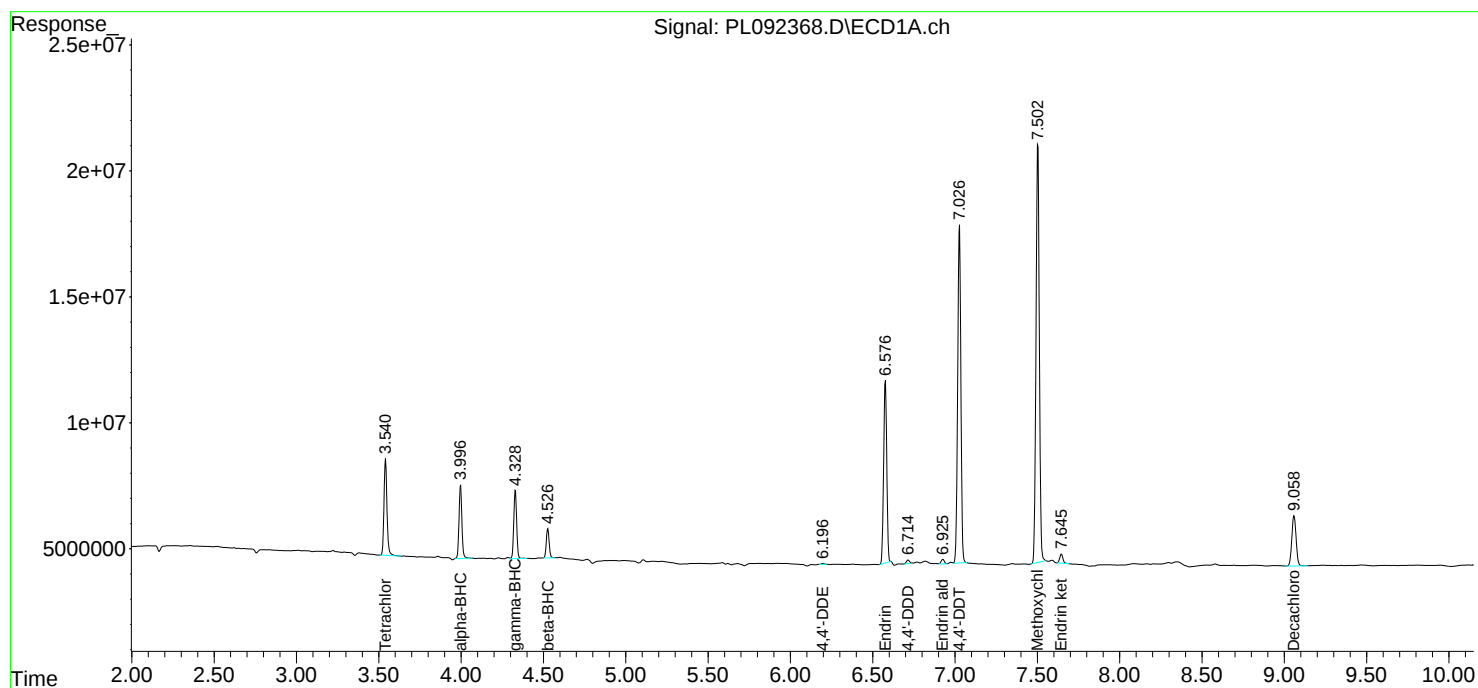
Instrument :
ECD_L
ClientSampleId :
PEM

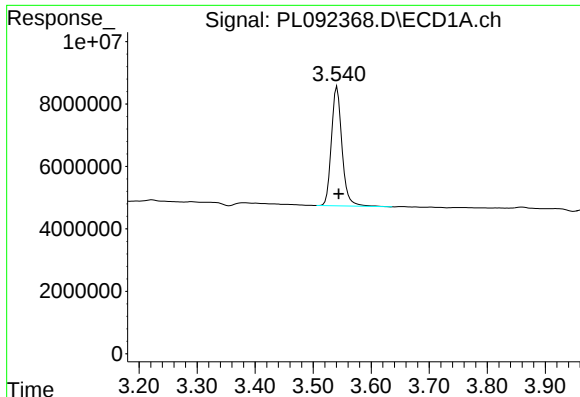
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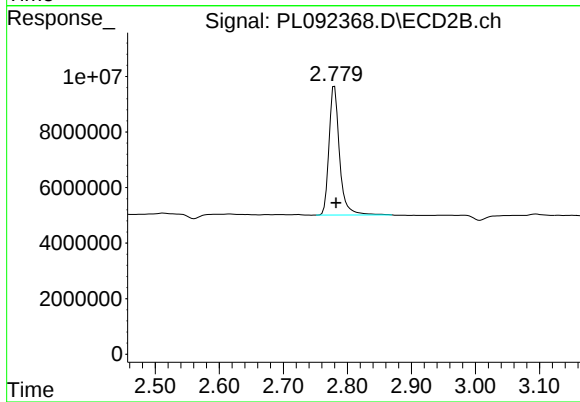
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 48368875
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

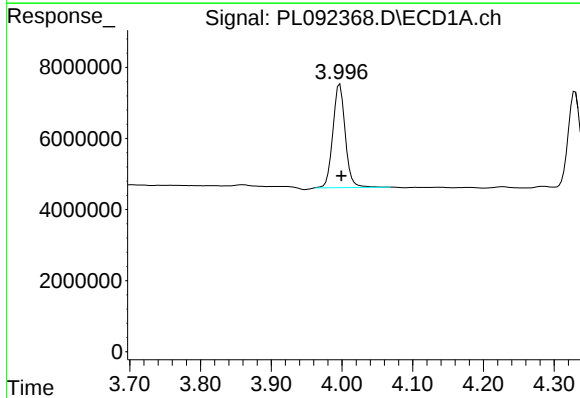
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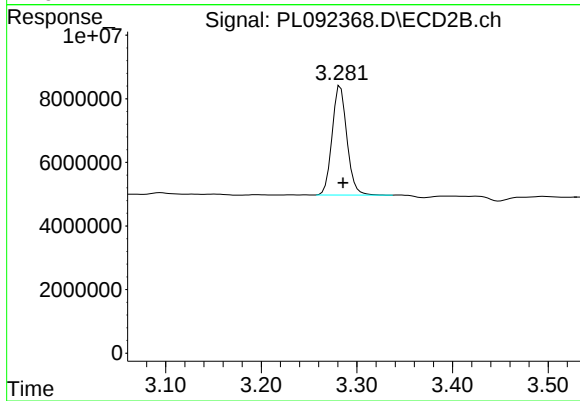
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 53045704
Conc: 21.15 ng/ml



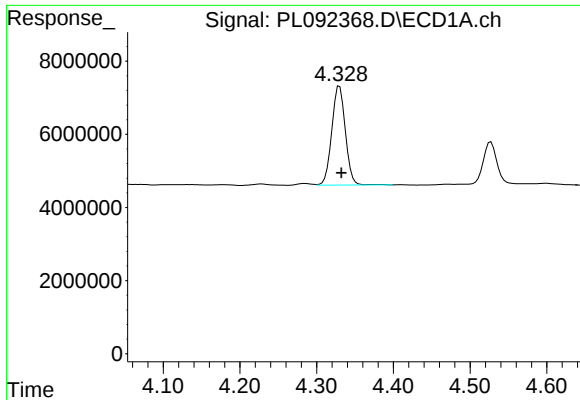
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 35467819
Conc: 11.45 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 36861415
Conc: 10.12 ng/ml



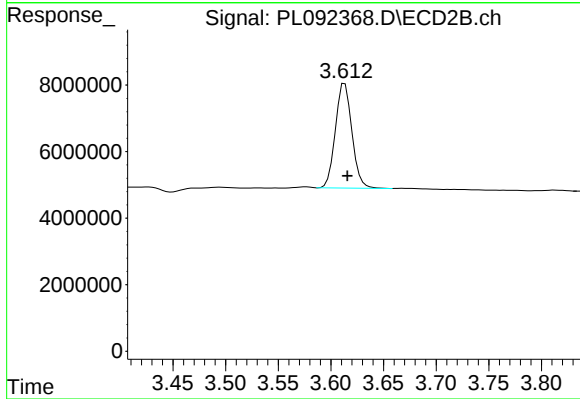
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 33275438
Conc: 10.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

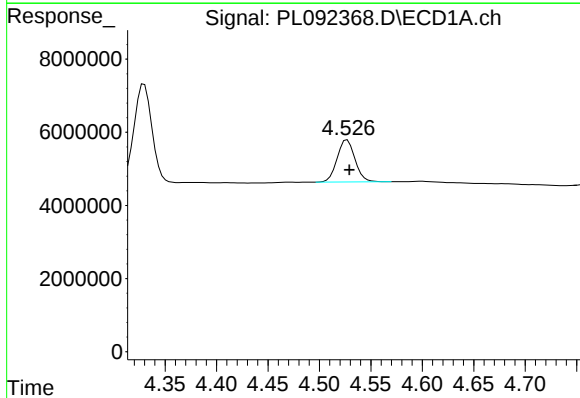
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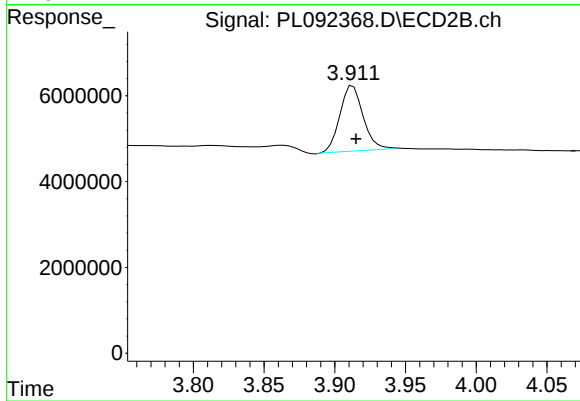
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 34362147
Conc: 9.73 ng/ml



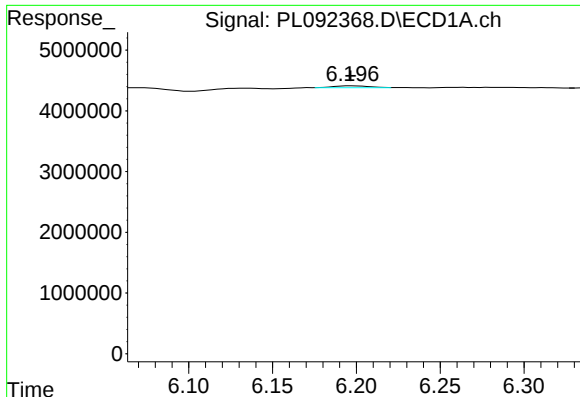
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 13943625
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 17532694
Conc: 11.66 ng/ml m



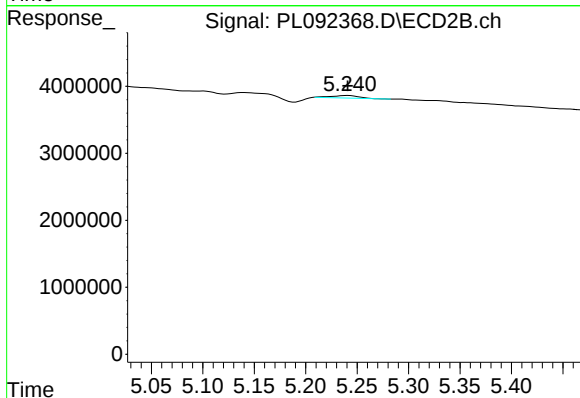
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 460469
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

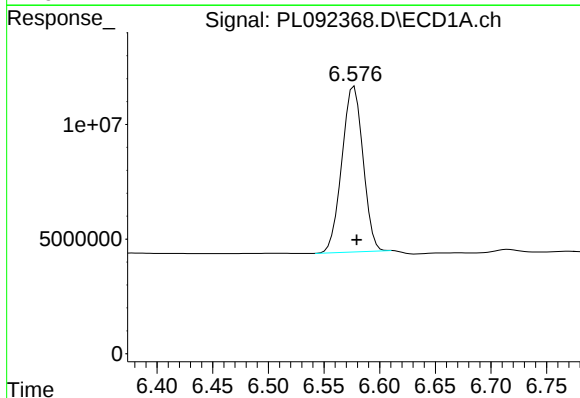
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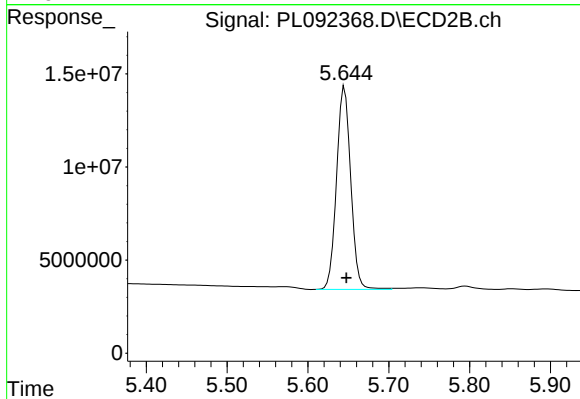
#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 696498
Conc: 0.25 ng/ml



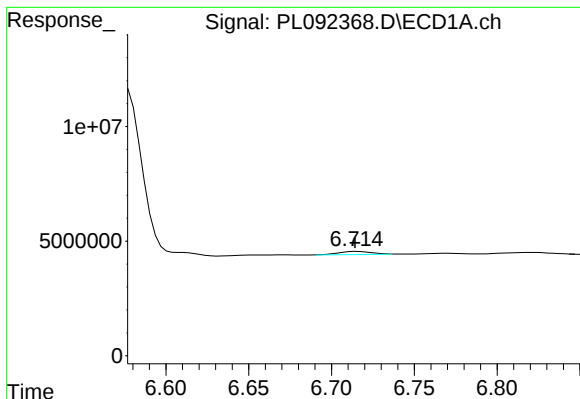
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 95674946
Conc: 46.43 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 132888175
Conc: 50.68 ng/ml



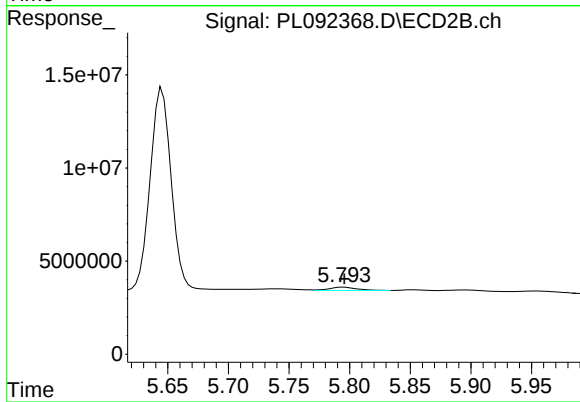
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1944596
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

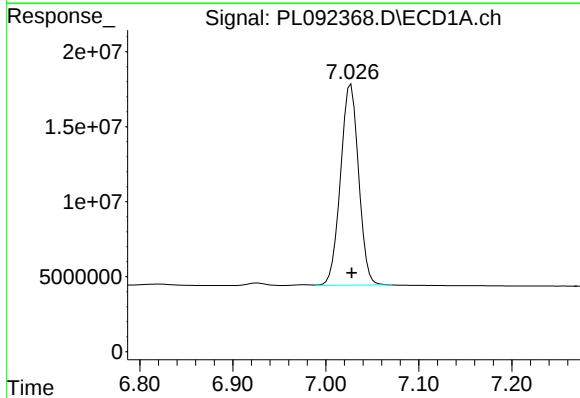
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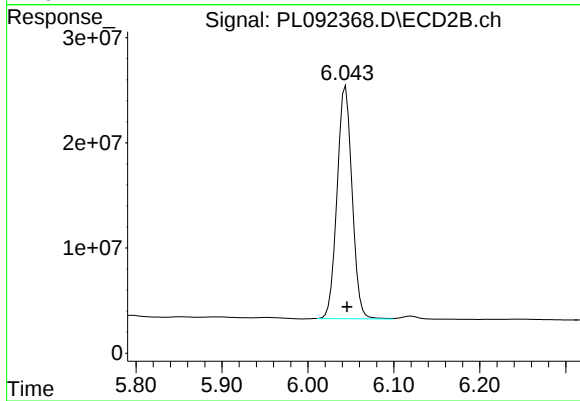
#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 2837220
Conc: 1.33 ng/ml



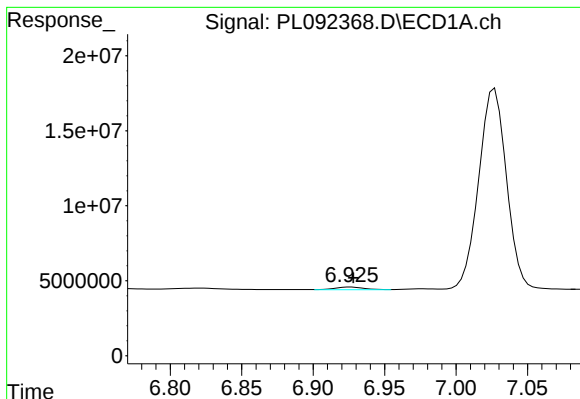
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 181039057
Conc: 98.33 ng/ml



#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 267122147
Conc: 115.48 ng/ml



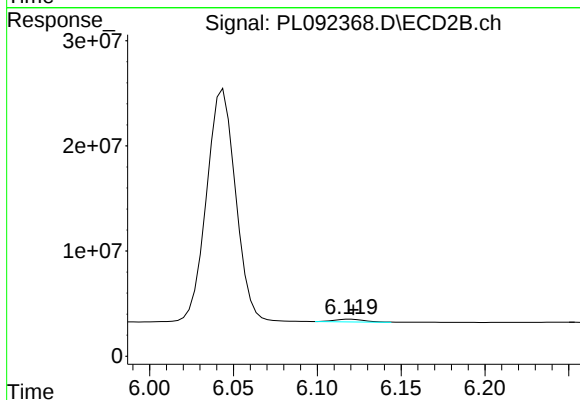
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 2484788
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

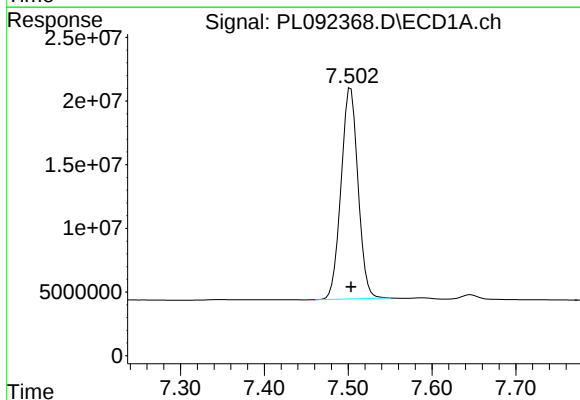
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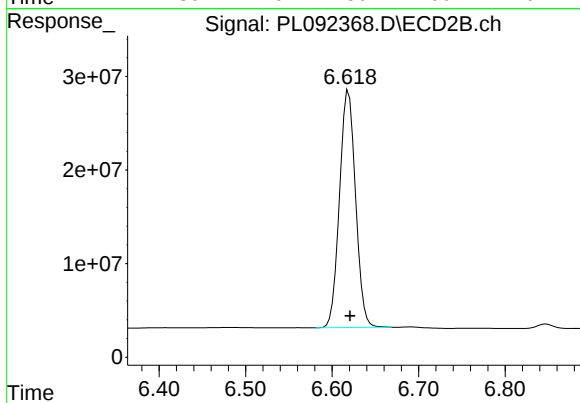
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 3268266
Conc: 1.60 ng/ml m



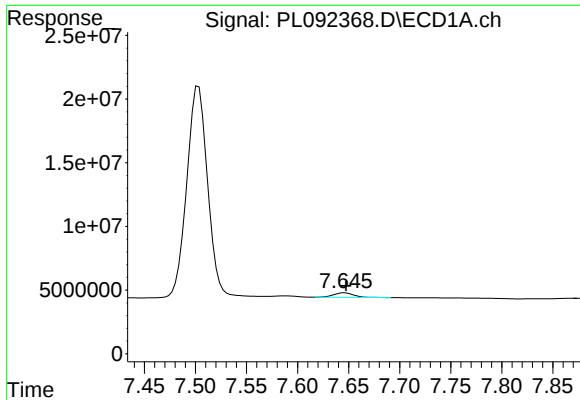
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 233333898
Conc: 237.68 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 324891979
Conc: 259.84 ng/ml



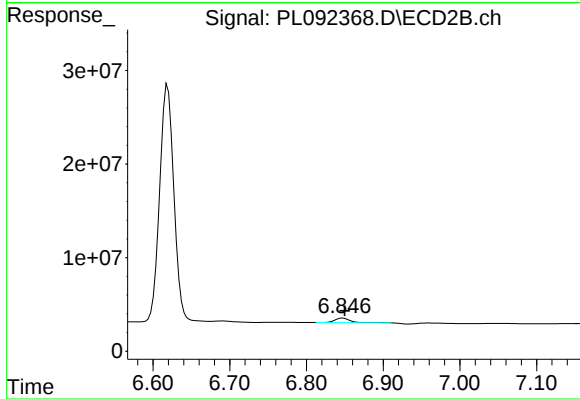
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 4906828
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

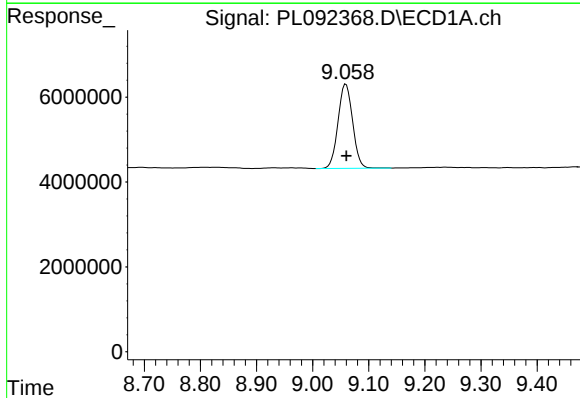
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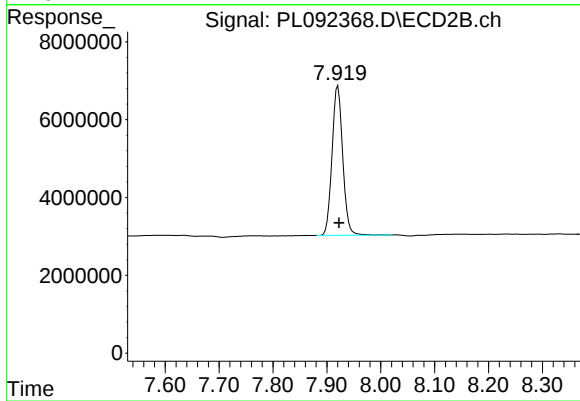
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 6661961
Conc: 2.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 35952456
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 52882186
Conc: 21.14 ng/ml