

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
 Data File : PL092208.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2024 10:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 13:42:41 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	59138735	65863388	26.583	26.261
28)	SA Decachlor...	9.060	7.921	42345540	61497181	25.848	24.580
Target Compounds							
2)	A alpha-BHC	3.998	3.284	42068233	45937731	13.586	12.609
3)	MA gamma-BHC...	4.331	3.614	40049233	43114768	12.924	12.210
6)	B beta-BHC	4.528	3.913	18532000	21070561	13.972	14.018
12)	B 4,4'-DDE	6.196	5.240	282662	464005	0.131m	0.167 #
14)	MA Endrin	6.578	5.646	106.9E6	157.0E6	51.854	59.892
16)	A 4,4'-DDD	6.712	5.793	6198113	7565963	3.452m	3.542
17)	MA 4,4'-DDT	7.028	6.044	208.3E6	313.2E6	113.145	135.408
18)	B Endrin al...	6.927	6.119	4232480	5190035	2.429	2.543
20)	A Methoxychlor	7.504	6.619	267.3E6	366.0E6	272.258	292.738
21)	B Endrin ke...	7.647	6.847	9090016	11943885	4.136	4.314

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

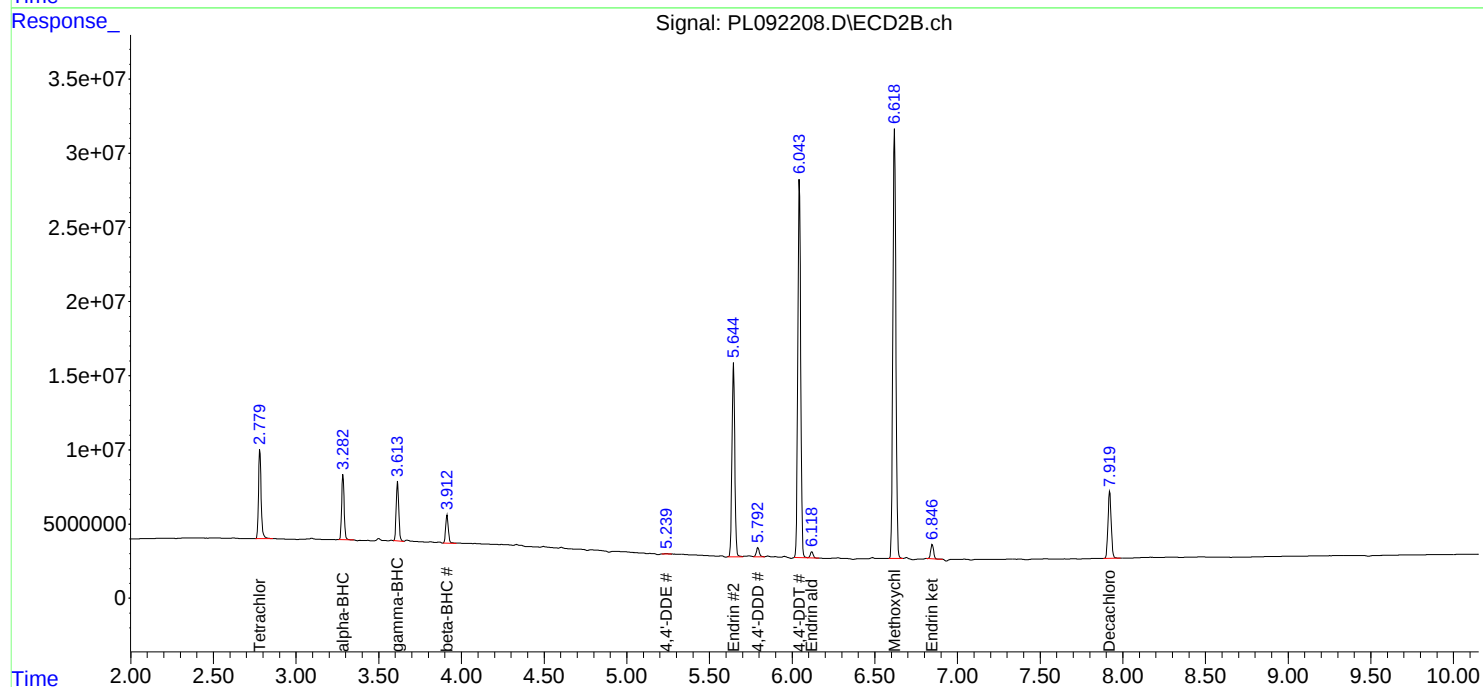
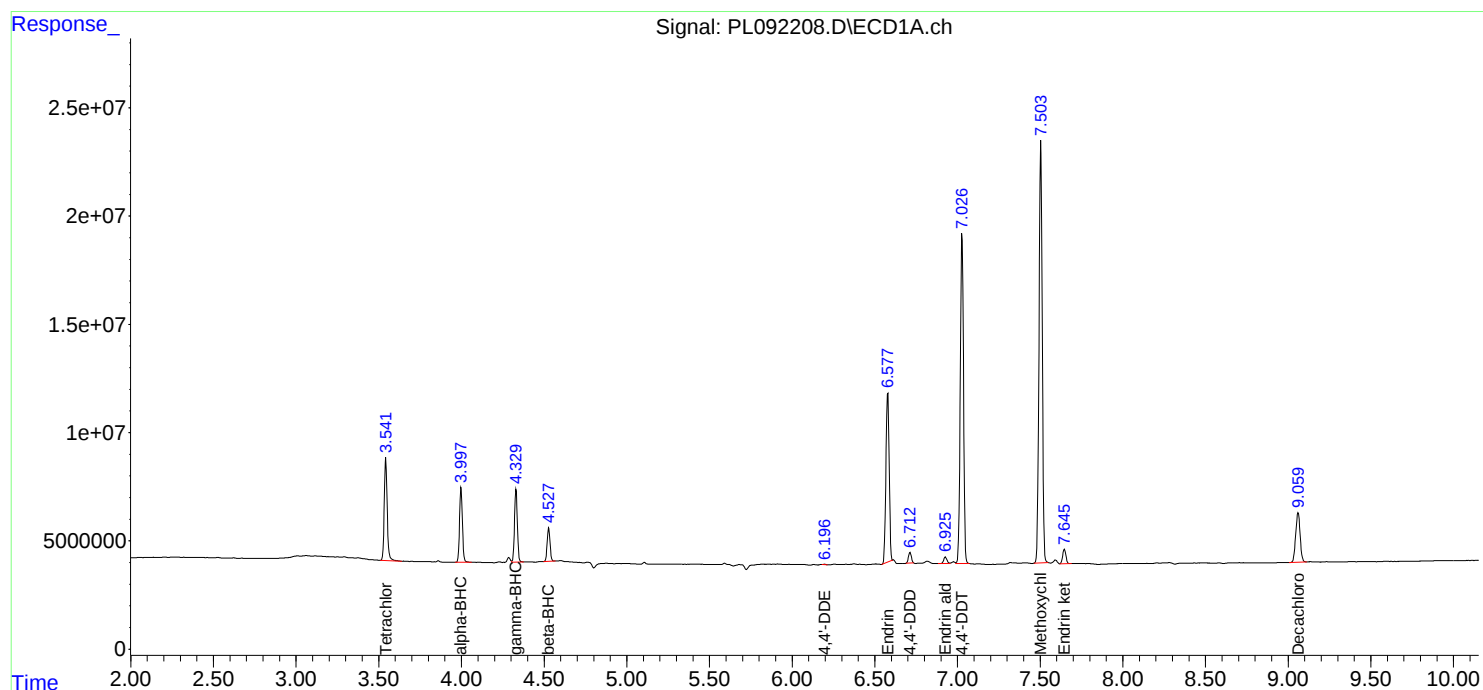
Instrument :
ECD_L
ClientSampleId :
PEM

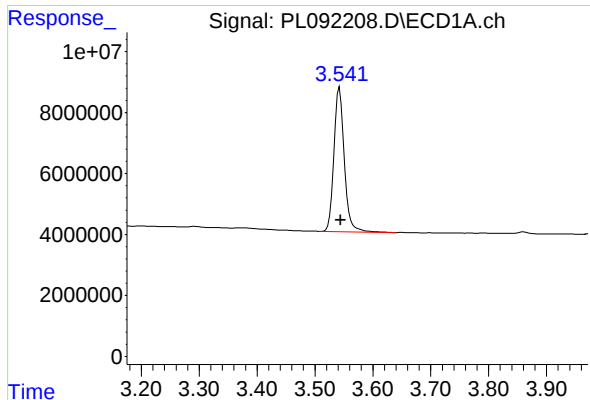
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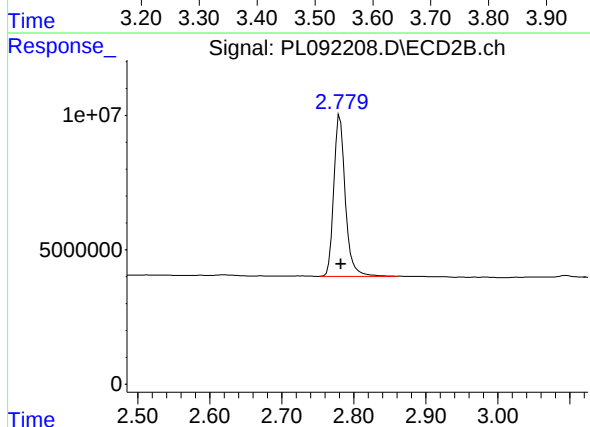
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 59138735
Conc: 26.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

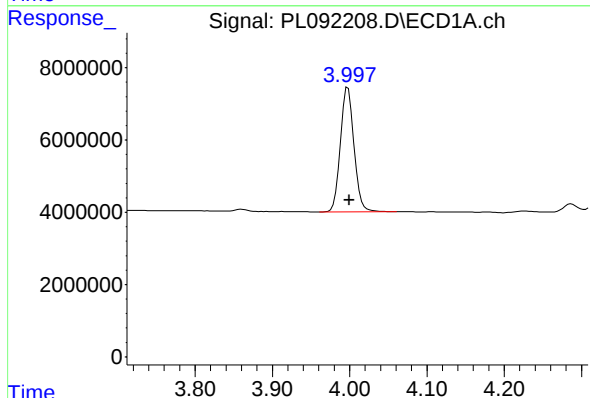
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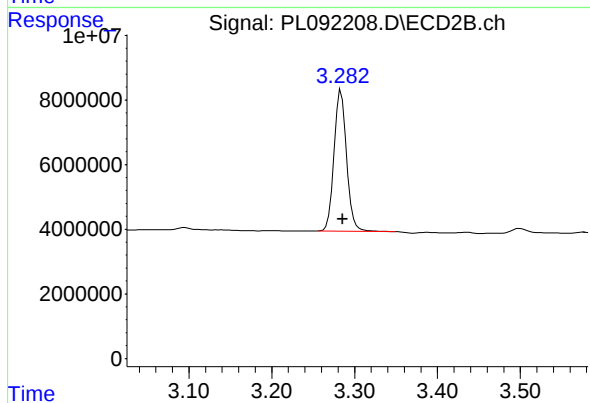
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 65863388
Conc: 26.26 ng/ml



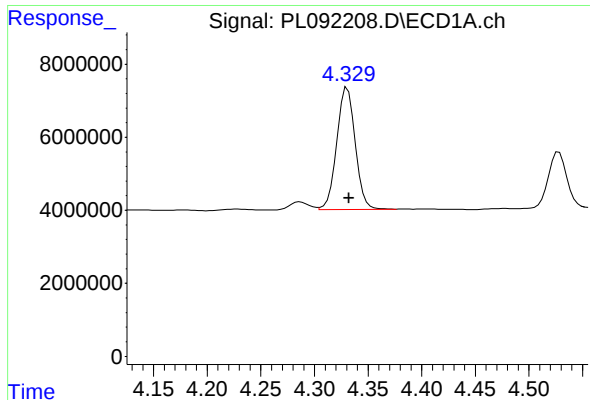
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 42068233
Conc: 13.59 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 45937731
Conc: 12.61 ng/ml



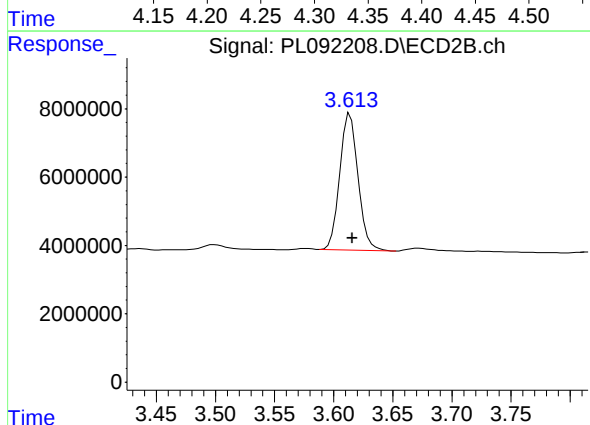
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 40049233
Conc: 12.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

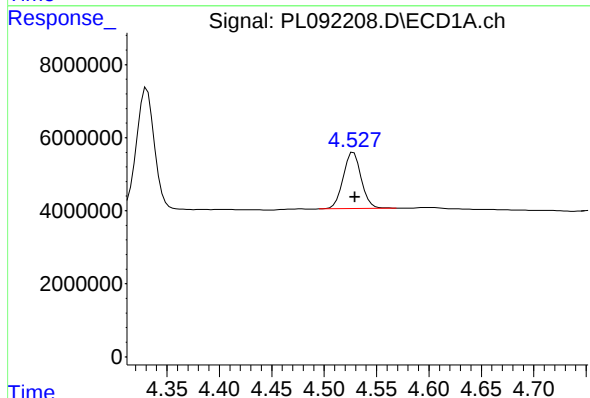
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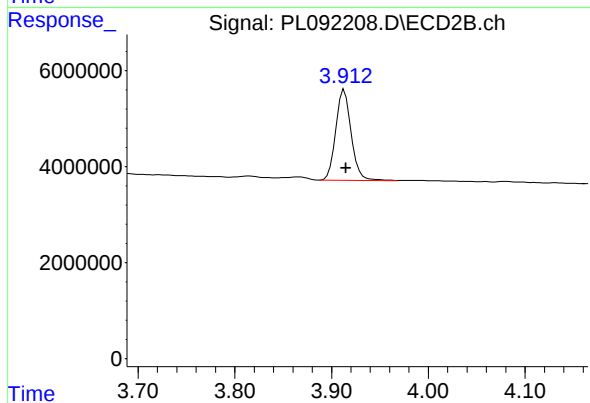
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 43114768
Conc: 12.21 ng/ml



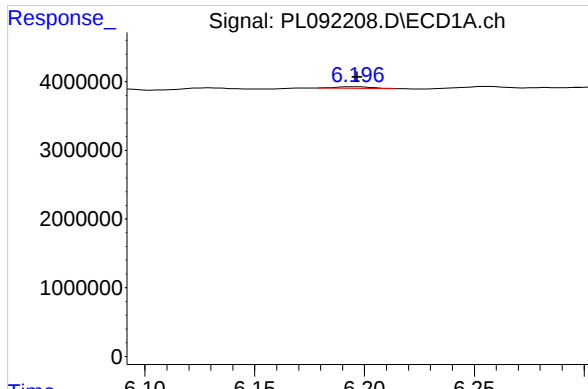
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 18532000
Conc: 13.97 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 21070561
Conc: 14.02 ng/ml



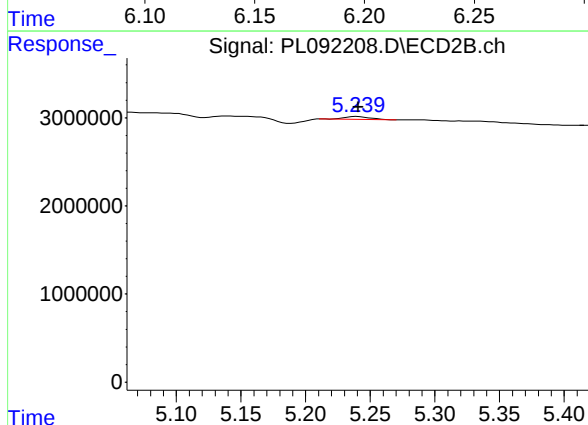
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 282662
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

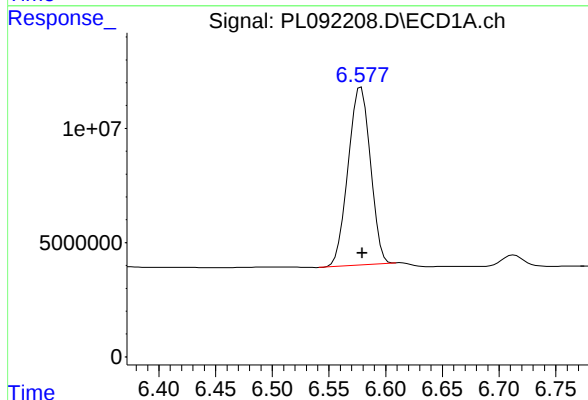
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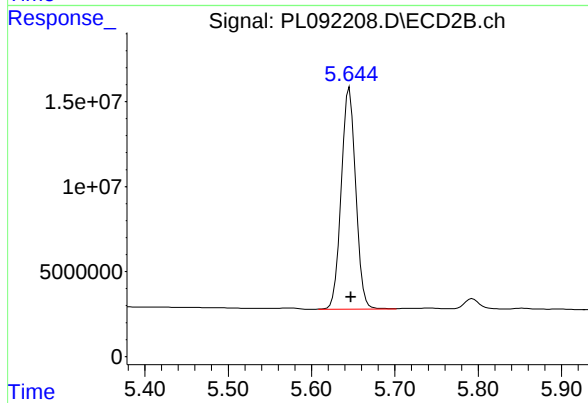
#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 464005
Conc: 0.17 ng/ml



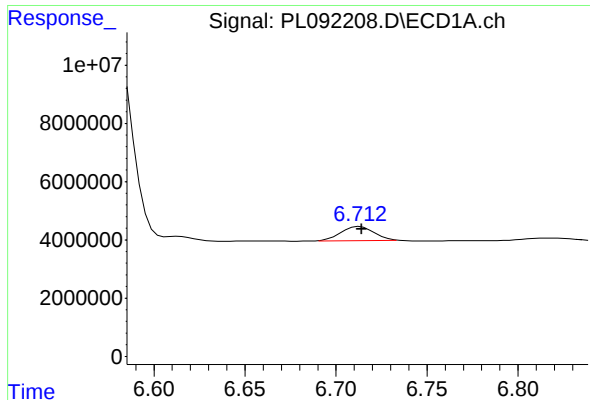
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 106854491
Conc: 51.85 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 157047548
Conc: 59.89 ng/ml



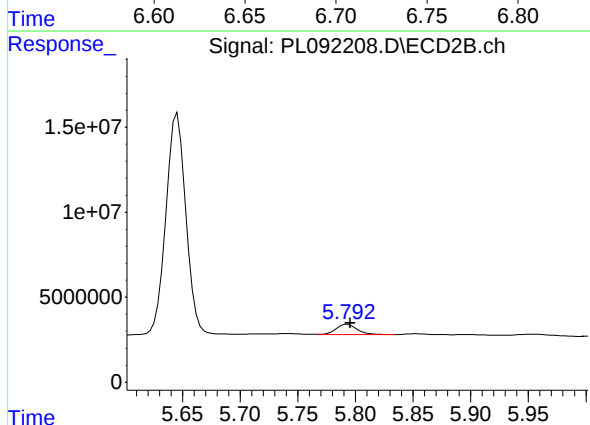
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 6198113
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

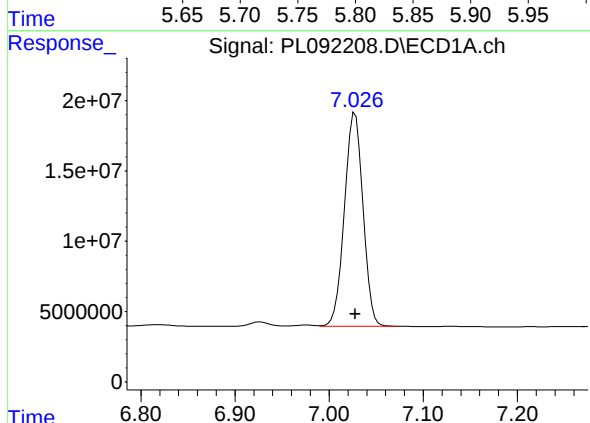
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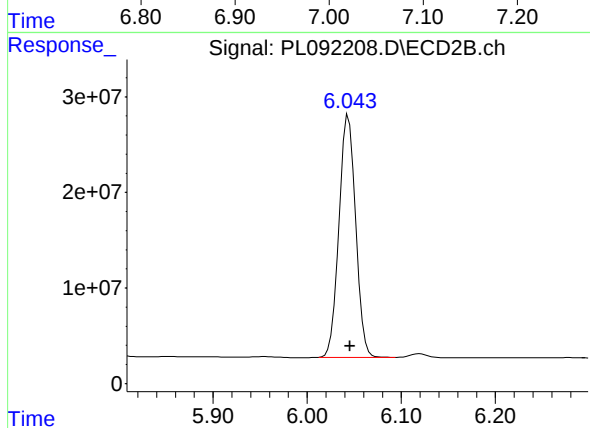
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 7565963
Conc: 3.54 ng/ml



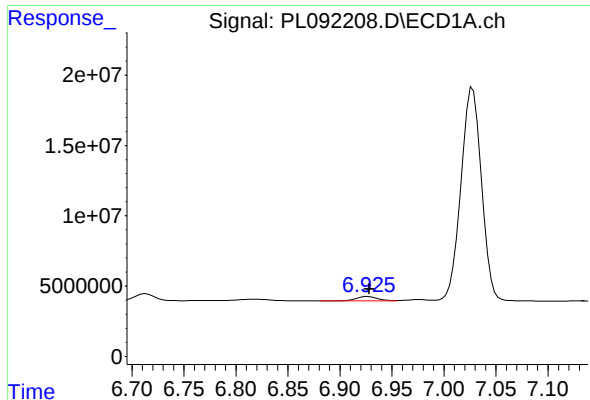
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 208323408
Conc: 113.15 ng/ml



#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 313221592
Conc: 135.41 ng/ml



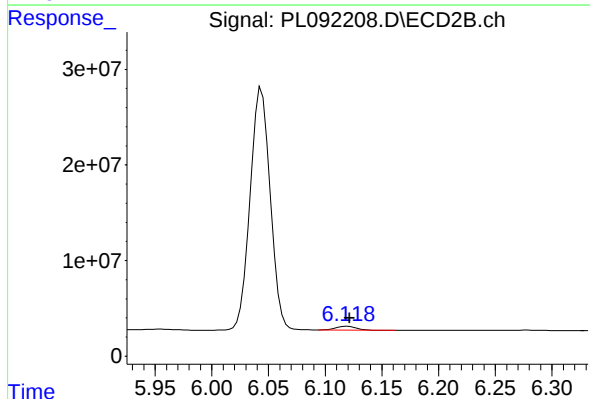
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 4232480
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

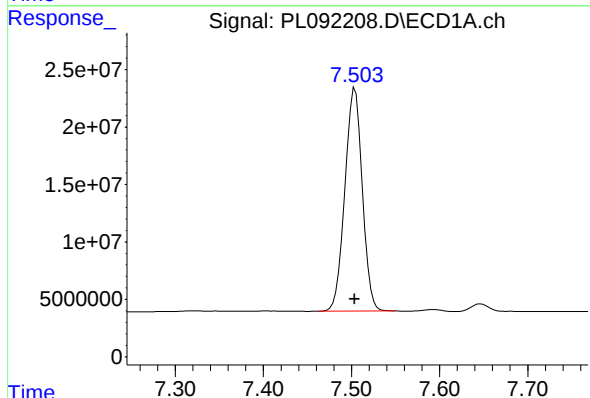
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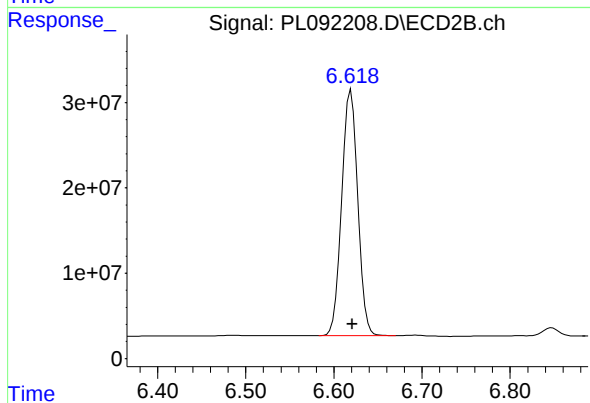
#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 5190035
Conc: 2.54 ng/ml



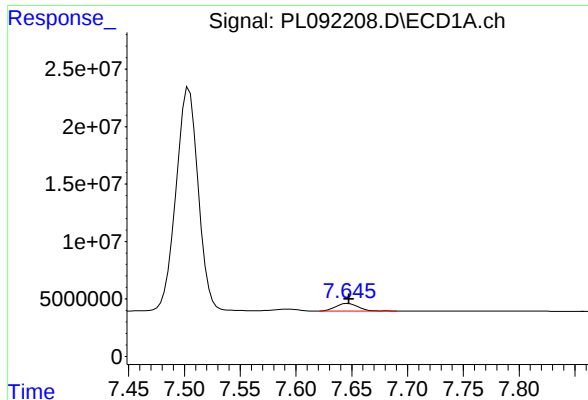
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 267278487
Conc: 272.26 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 366024915
Conc: 292.74 ng/ml



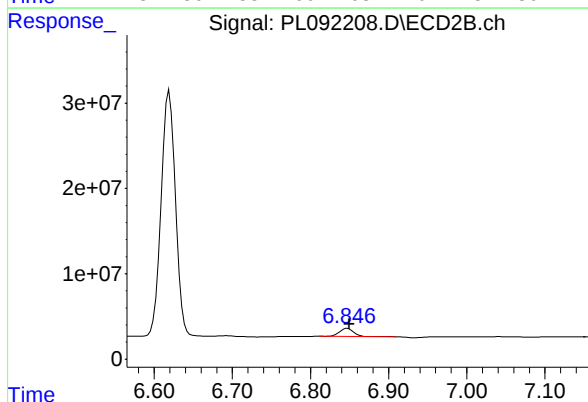
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 9090016
Conc: 4.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

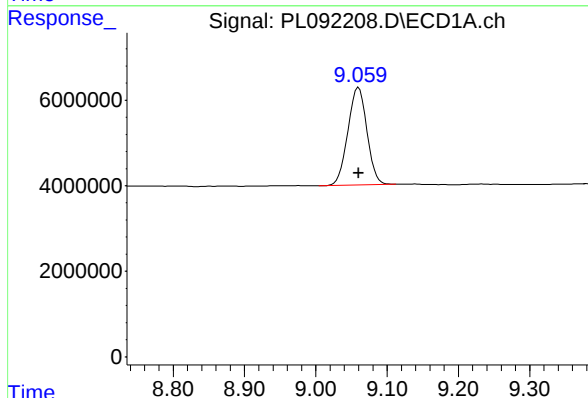
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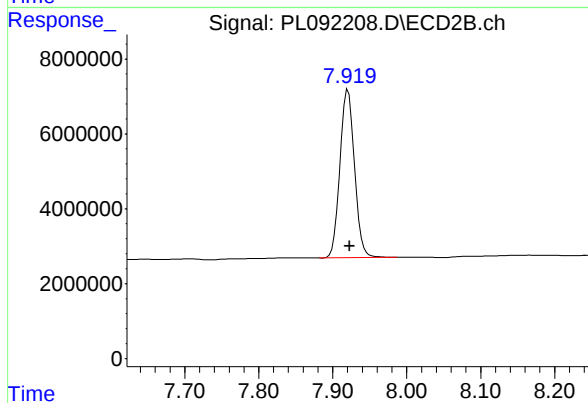
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 11943885
Conc: 4.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 42345540
Conc: 25.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 61497181
Conc: 24.58 ng/ml