

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091424\
 Data File : PL091753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2024 12:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/16/2024
 Supervised By : Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:43:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.545	2.784	39783310	49277843	25.525	26.348
28)	SA Decachlor...	9.062	7.925	29889880	44211309	24.594	23.943
Target Compounds							
2)	A alpha-BHC	4.000	3.287	27917286	33506906	12.925	12.599
3)	MA gamma-BHC...	4.333	3.617	26551451	30511571	12.916	12.406
6)	B beta-BHC	4.530	3.916	12036154	14934746	13.226	13.671
12)	B 4,4'-DDE	6.197	5.248	362032	1007372	0.248m	0.531m#
14)	MA Endrin	6.580	5.650	70604911	104.2E6	53.099	55.216
16)	A 4,4'-DDD	6.715	5.798	13959245	17722543	11.013	10.576
17)	MA 4,4'-DDT	7.029	6.048	134.6E6	193.8E6	102.606	120.590
18)	B Endrin al...	6.929	6.123	3625604	4220813	3.052	3.088
20)	A Methoxychlor	7.505	6.623	181.4E6	248.6E6	268.186	280.642
21)	B Endrin ke...	7.647	6.851	8338995	12081007	5.393m	6.006

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

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Sample : PEM
Misc :
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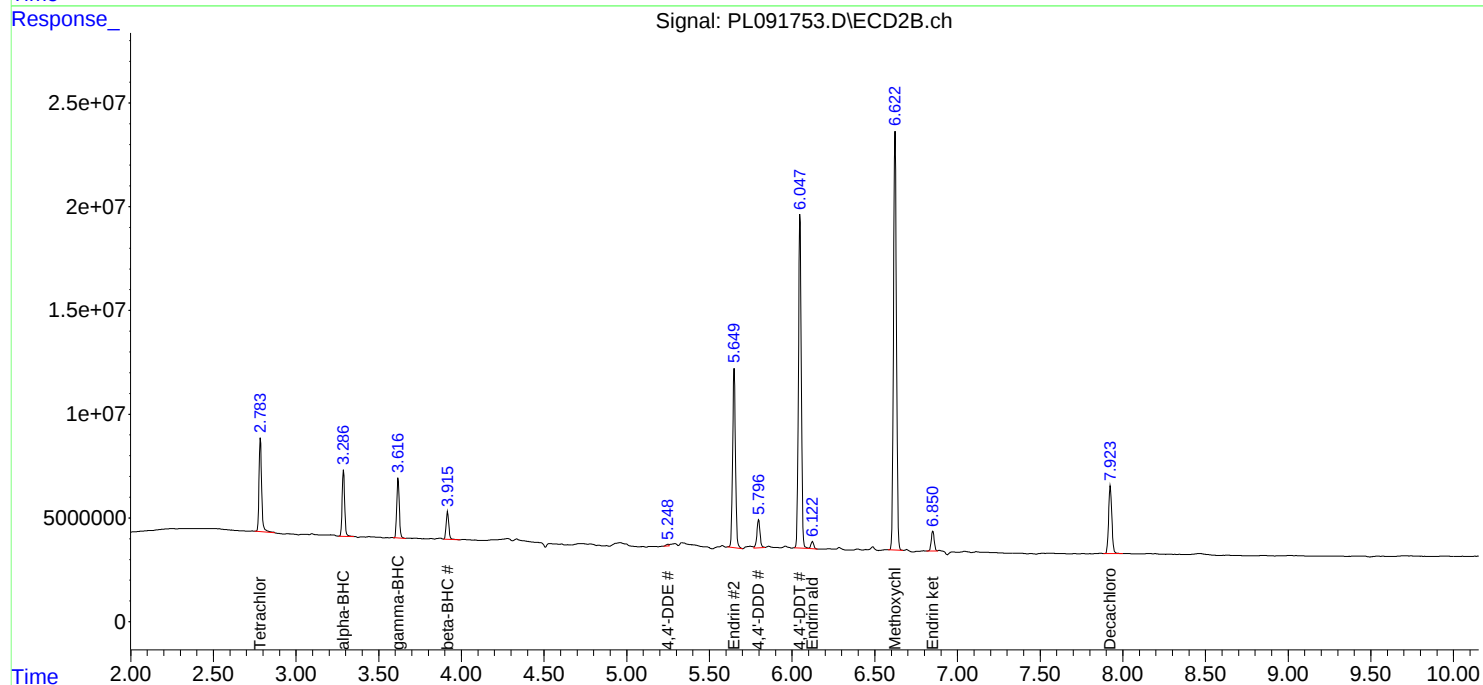
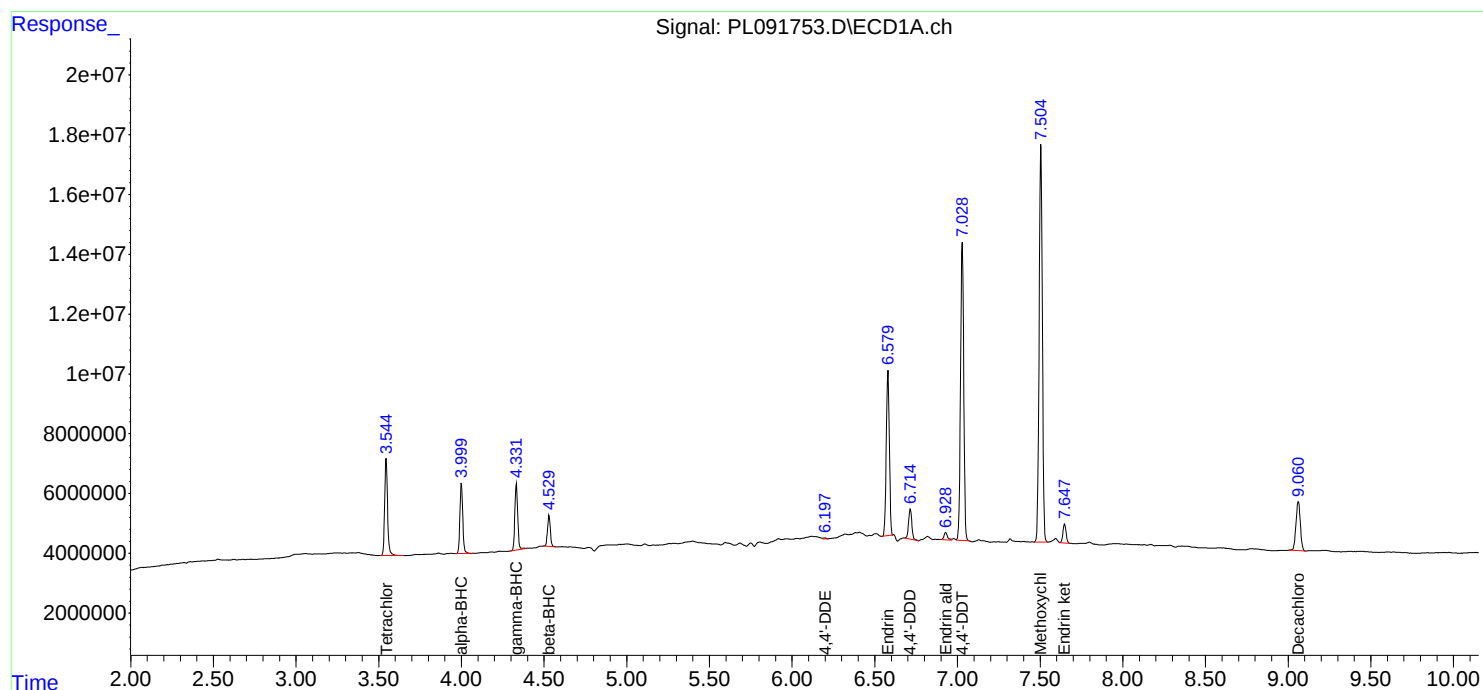
Instrument :
ECD_L
ClientSampleId :
PEM

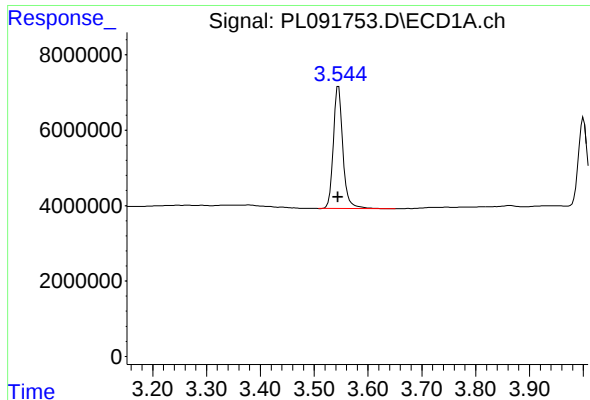
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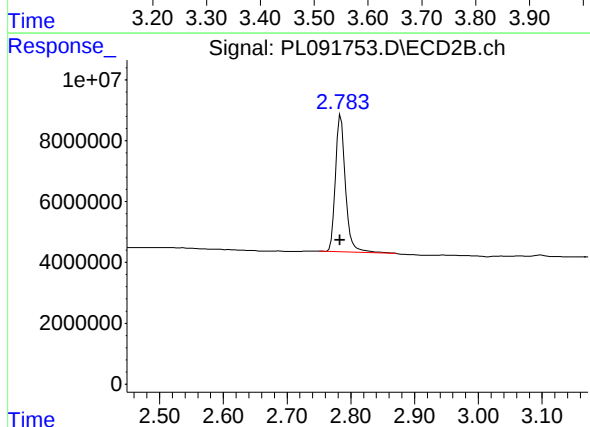
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.001 min
Response: 39783310
Conc: 25.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

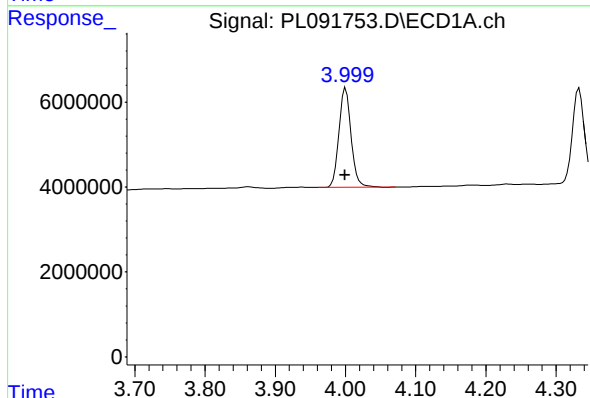
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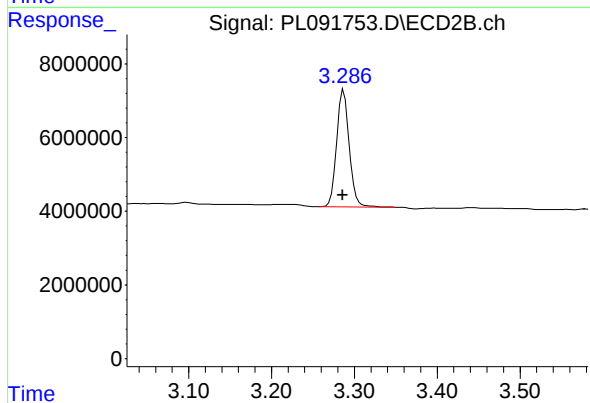
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.002 min
Response: 49277843
Conc: 26.35 ng/ml



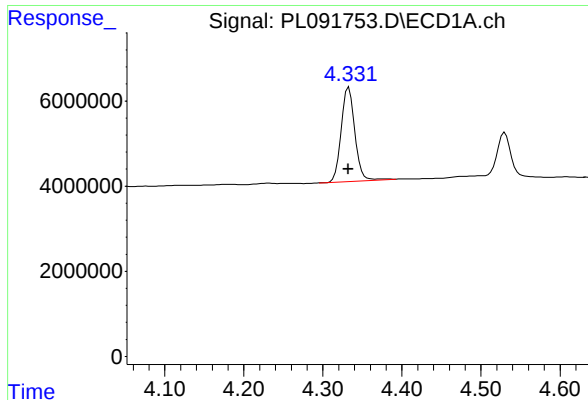
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 27917286
Conc: 12.93 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: 0.001 min
Response: 33506906
Conc: 12.60 ng/ml



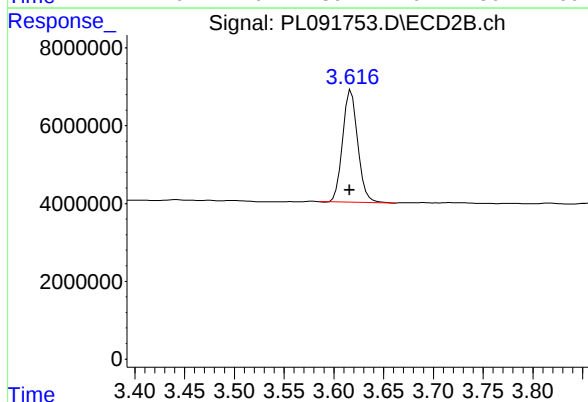
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.001 min
Response: 26551451
Conc: 12.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

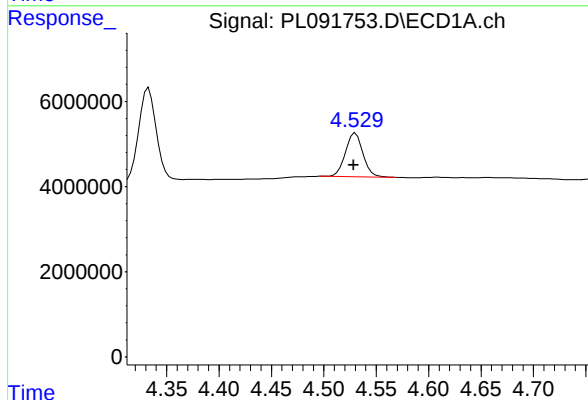
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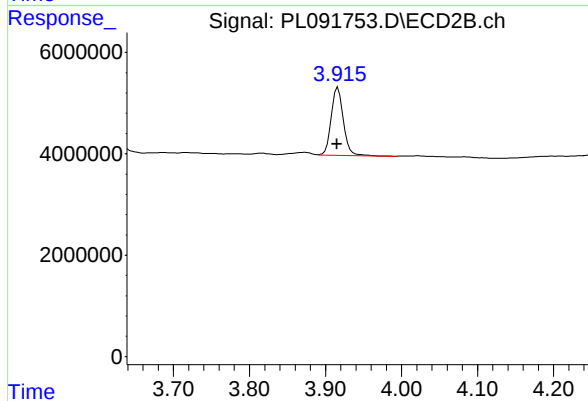
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.001 min
Response: 30511571
Conc: 12.41 ng/ml



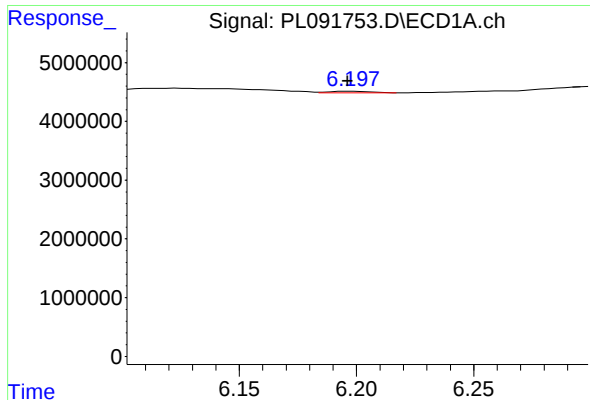
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 12036154
Conc: 13.23 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.001 min
Response: 14934746
Conc: 13.67 ng/ml



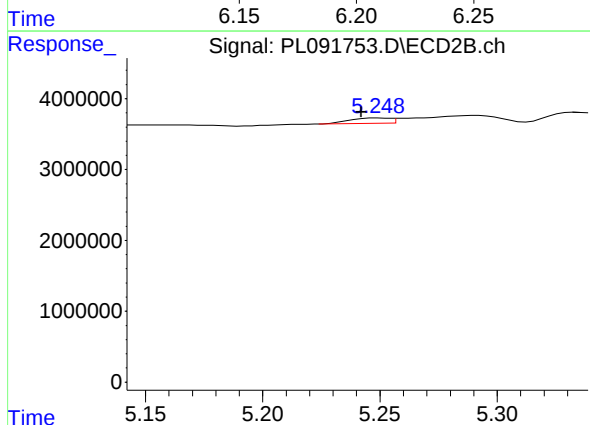
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 362032
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

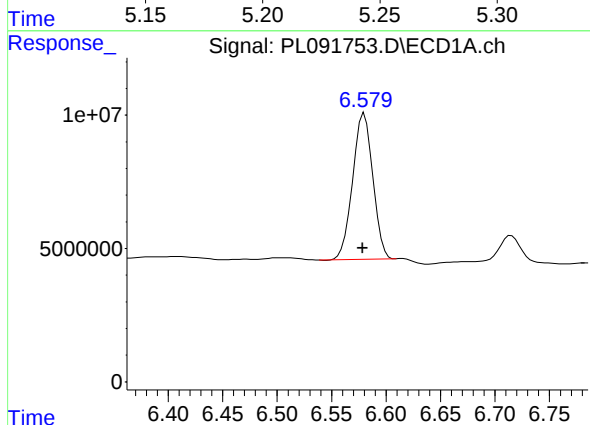
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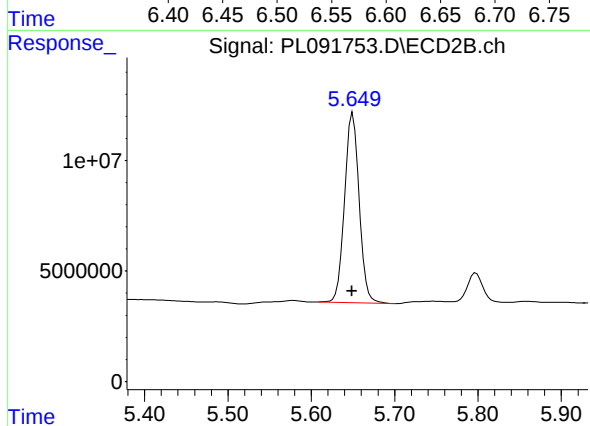
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: 0.006 min
Response: 1007372
Conc: 0.53 ng/ml



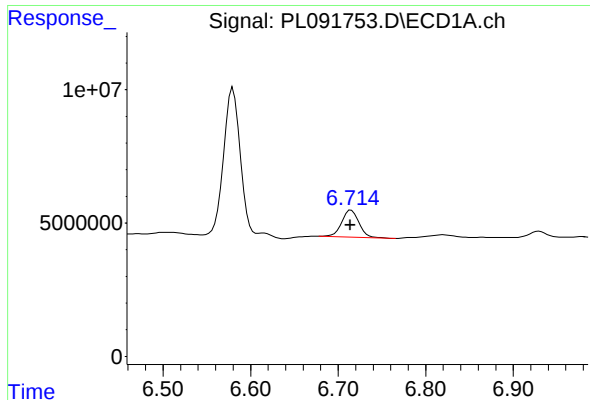
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.001 min
Response: 70604911
Conc: 53.10 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.001 min
Response: 104203979
Conc: 55.22 ng/ml



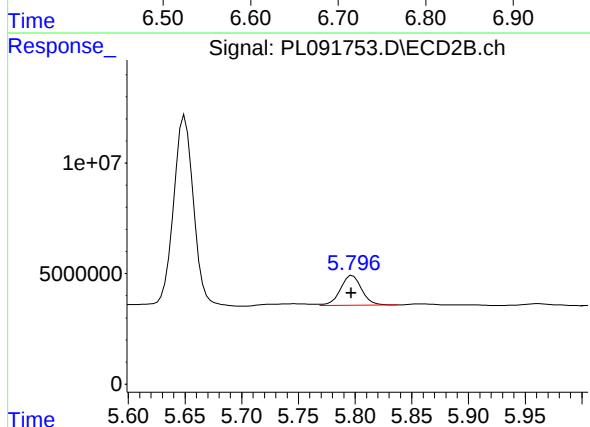
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 13959245
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

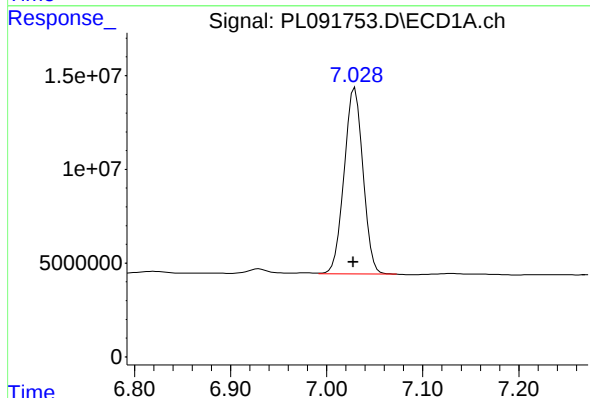
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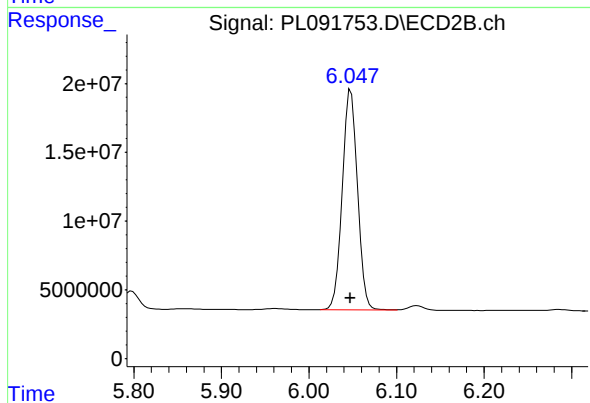
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 17722543
Conc: 10.58 ng/ml



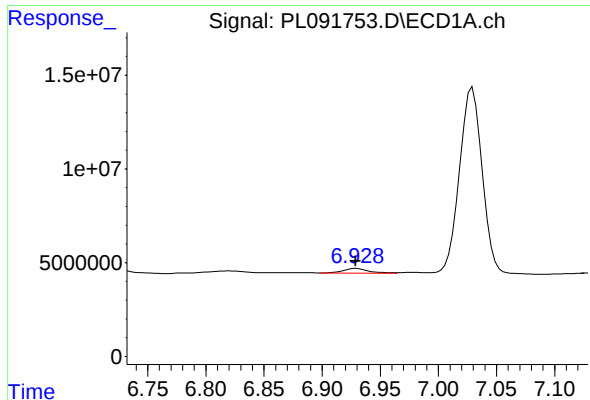
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 134593738
Conc: 102.61 ng/ml



#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 193762134
Conc: 120.59 ng/ml



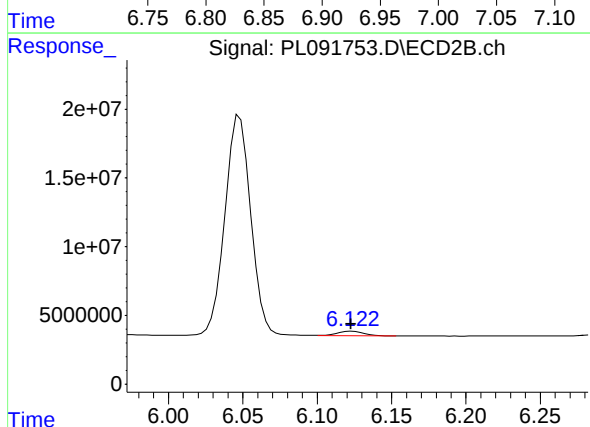
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 3625604
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

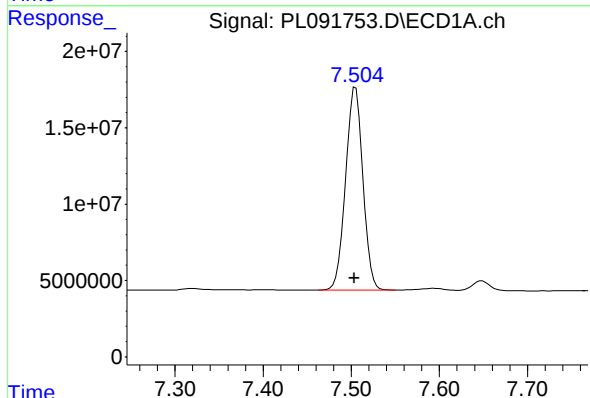
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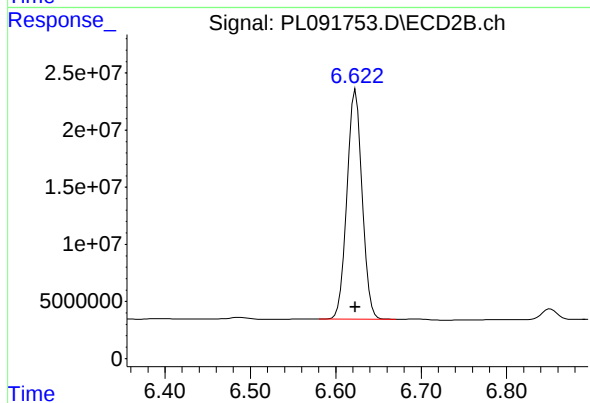
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 4220813
Conc: 3.09 ng/ml



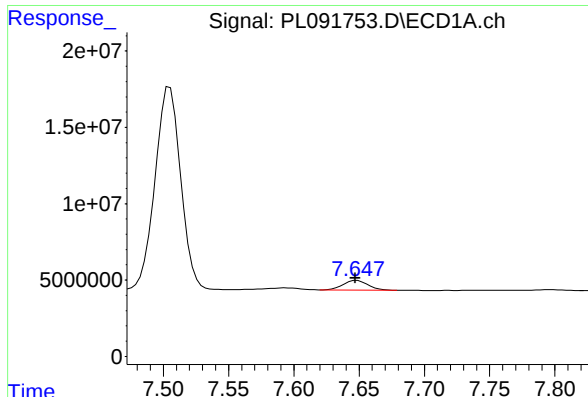
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 181418956
Conc: 268.19 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 248582104
Conc: 280.64 ng/ml



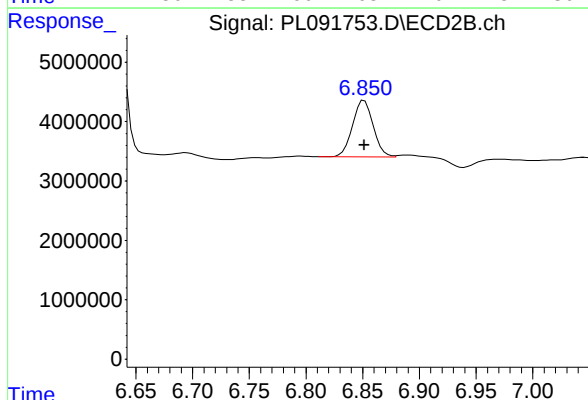
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 8338995
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

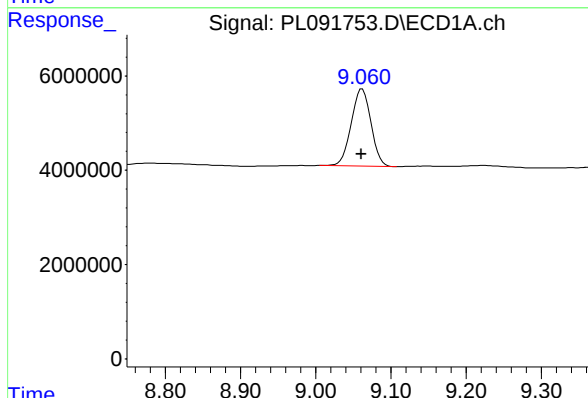
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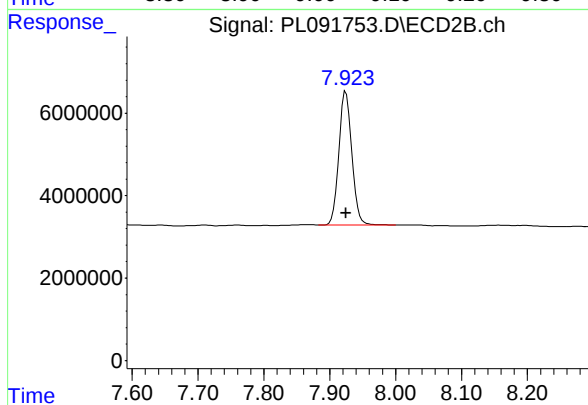
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 12081007
Conc: 6.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.001 min
Response: 29889880
Conc: 24.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 44211309
Conc: 23.94 ng/ml