

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 20:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/21/2023
 Supervised By : Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:53:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 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...	3.452	2.752	41136321	46388242	18.611	19.914
28)	SA Decachlor...	8.988	7.960	41949553	50921307	22.014	20.733
Target Compounds							
2)	A alpha-BHC	3.908	3.262	27389097	30992193	8.797	9.181
3)	MA gamma-BHC...	4.242	3.595	27210716	29990411	9.545	9.341
6)	B beta-BHC	4.441	3.897	13398424	15599308	10.356	10.453
12)	B 4,4'-DDE	6.119	5.248	506823	257200	0.251	0.101 #
14)	MA Endrin	6.496	5.649	86297668	118.5E6	48.898	51.322
16)	A 4,4'-DDD	6.638	5.807	15855486	20485158	9.286	9.290
17)	MA 4,4'-DDT	6.954	6.061	157.5E6	222.5E6	93.522	106.590
18)	B Endrin al...	6.845	6.129	3236905	4812632	2.184m	2.546
20)	A Methoxychlor	7.434	6.646	226.1E6	280.2E6	249.220	232.480
21)	B Endrin ke...	7.566	6.860	8323199	12556075	3.885	4.466

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

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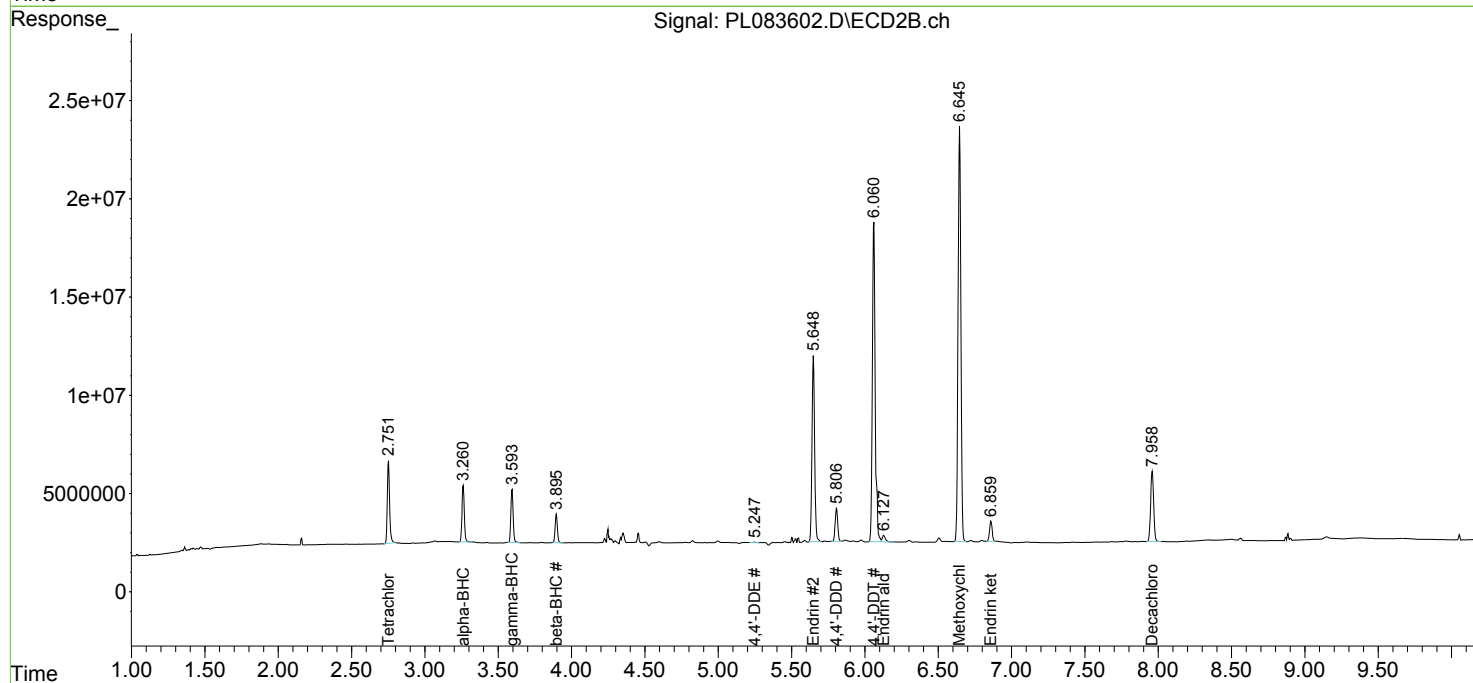
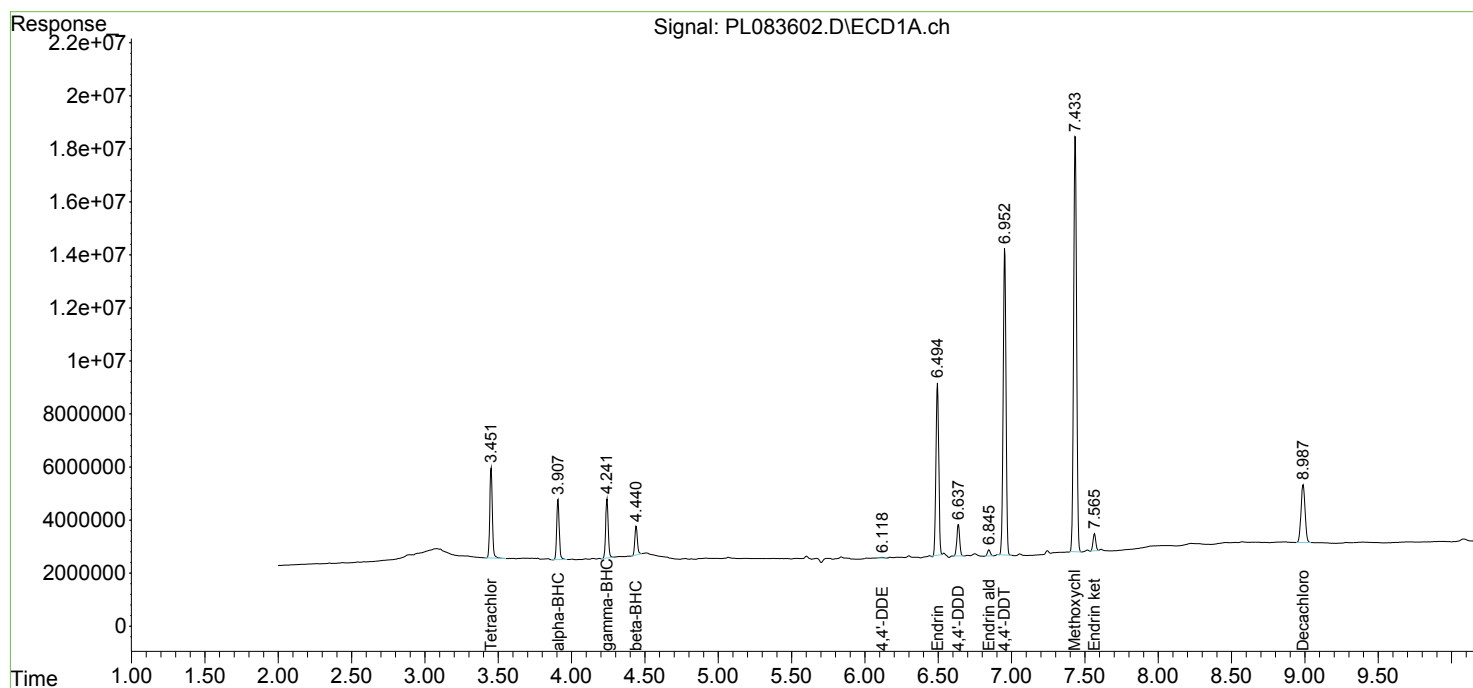
Instrument :
ECD_L
ClientSampleId :
PEM

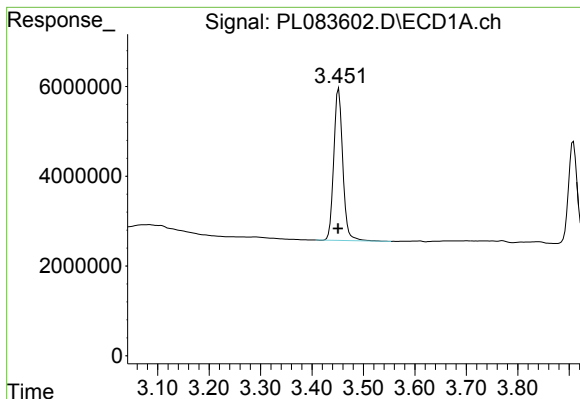
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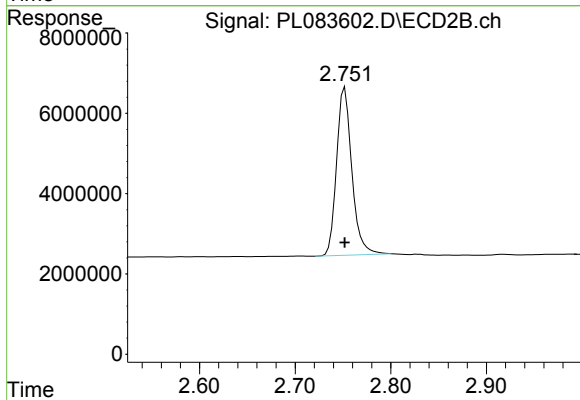
#1 Tetrachloro-m-xylene

R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 41136321
Conc: 18.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

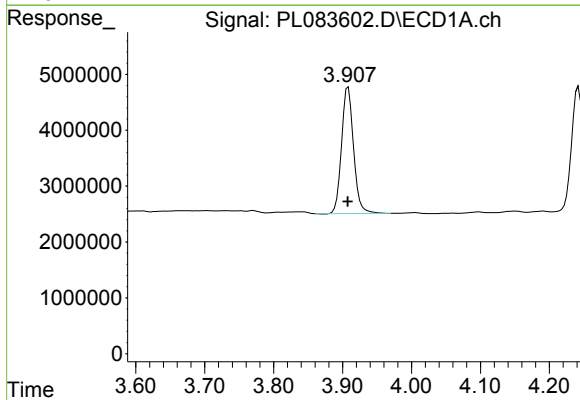
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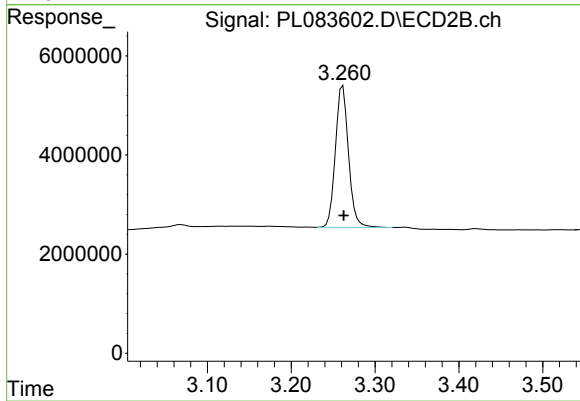
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 46388242
Conc: 19.91 ng/ml



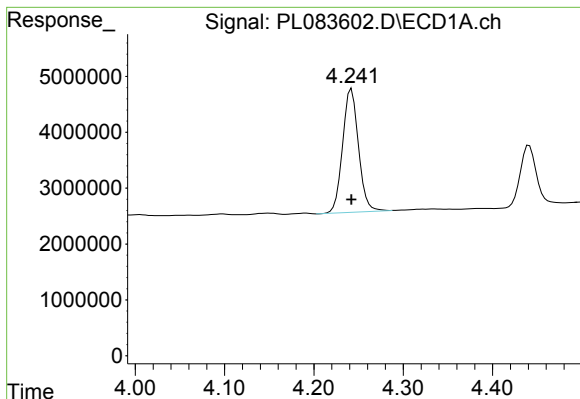
#2 alpha-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 27389097
Conc: 8.80 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 30992193
Conc: 9.18 ng/ml



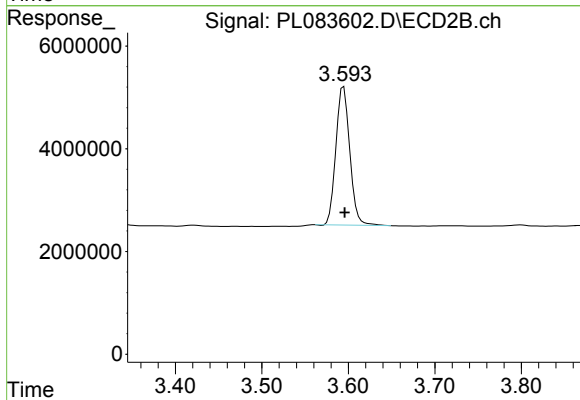
#3 gamma-BHC (Lindane)

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 27210716
Conc: 9.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

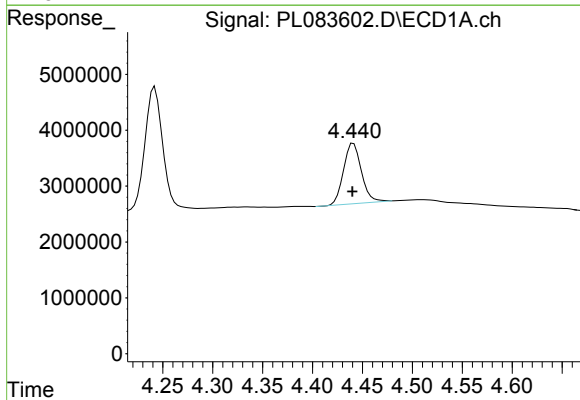
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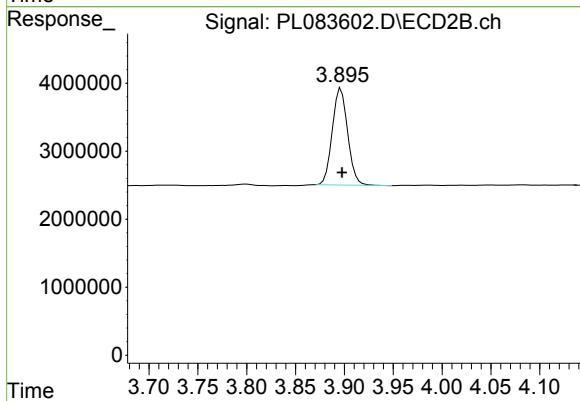
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: -0.001 min
Response: 29990411
Conc: 9.34 ng/ml



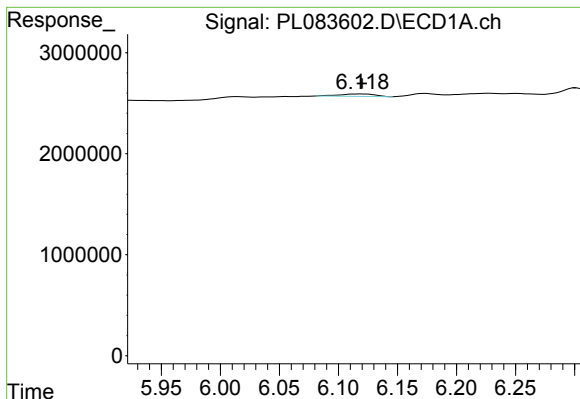
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 13398424
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: -0.001 min
Response: 15599308
Conc: 10.45 ng/ml



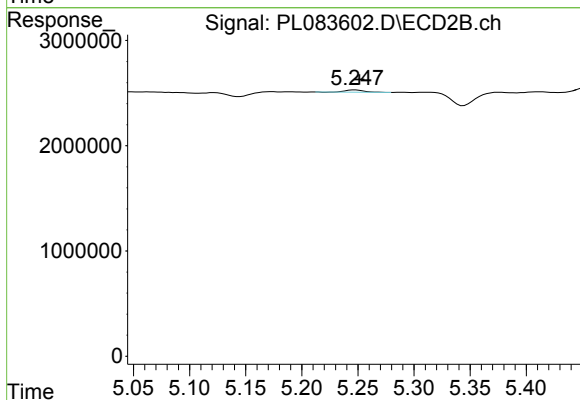
#12 4,4'-DDE

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 506823
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

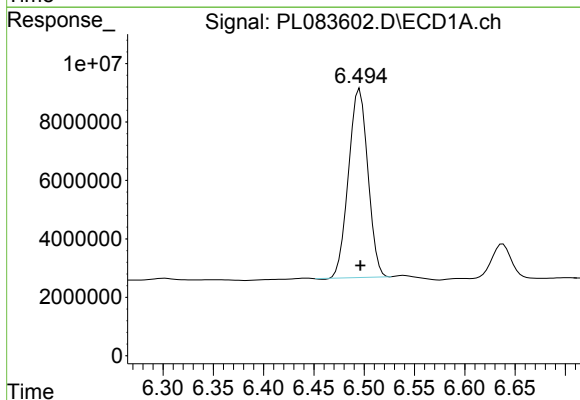
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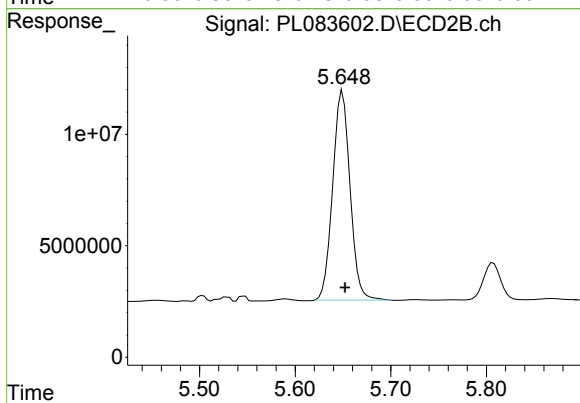
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 257200
Conc: 0.10 ng/ml



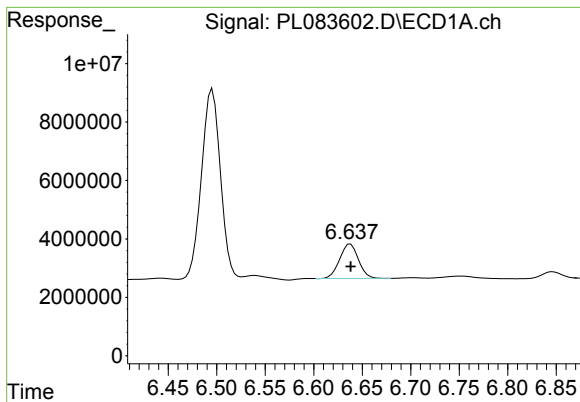
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 86297668
Conc: 48.90 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 118456836
Conc: 51.32 ng/ml



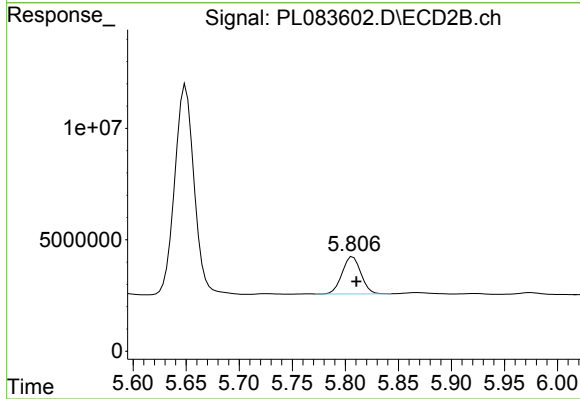
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 15855486
Conc: 9.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

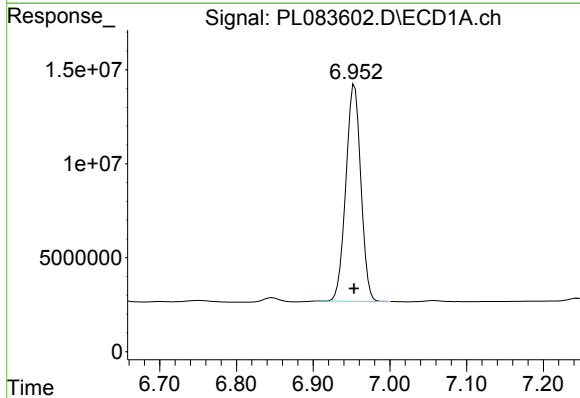
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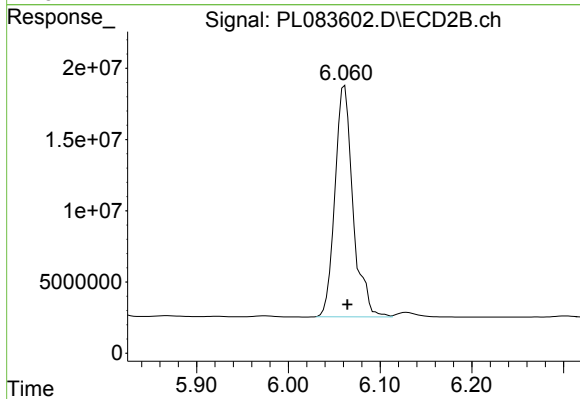
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 20485158
Conc: 9.29 ng/ml



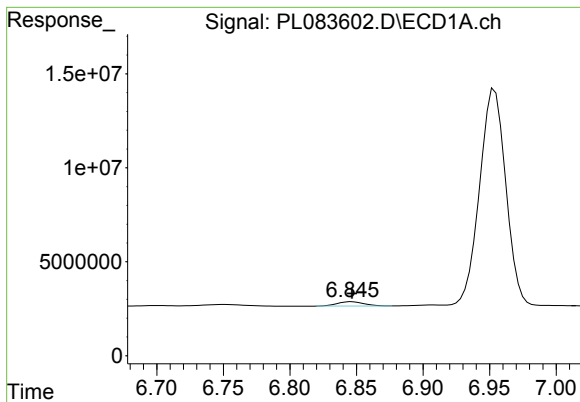
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 157459156
Conc: 93.52 ng/ml



#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.003 min
Response: 222543223
Conc: 106.59 ng/ml



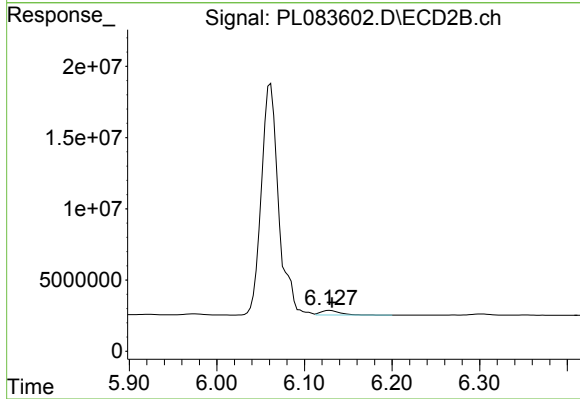
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 3236905
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

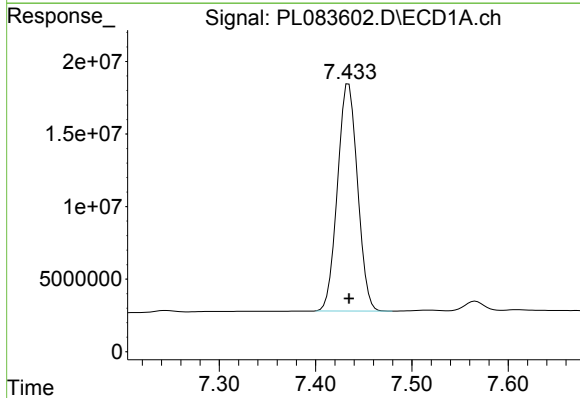
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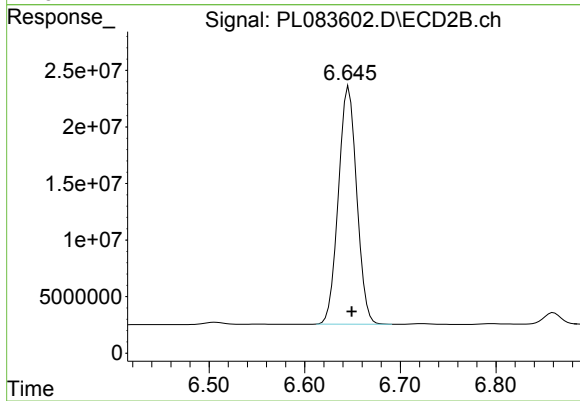
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.003 min
Response: 4812632
Conc: 2.55 ng/ml



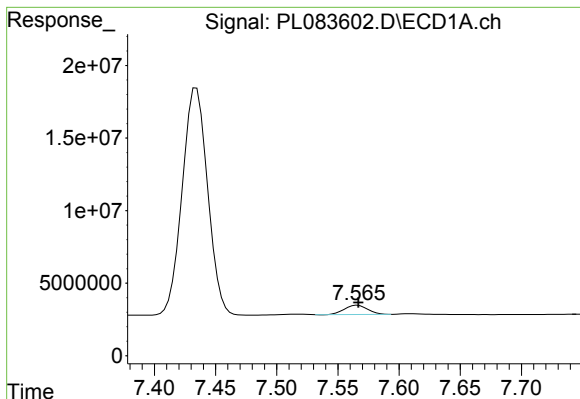
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 226058072
Conc: 249.22 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 280178981
Conc: 232.48 ng/ml



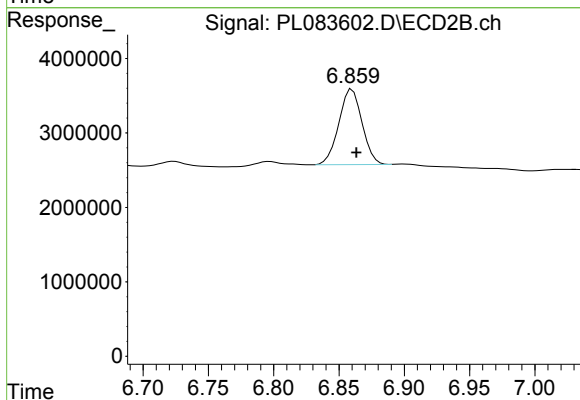
#21 Endrin ketone

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 8323199
Conc: 3.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

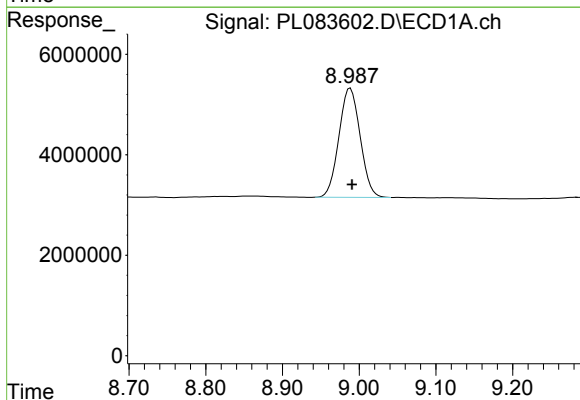
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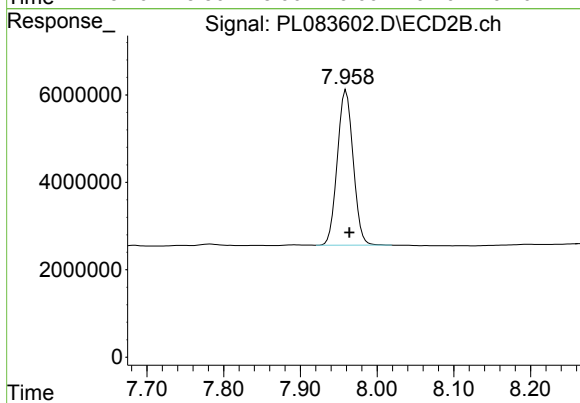
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: -0.003 min
Response: 12556075
Conc: 4.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 41949553
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 50921307
Conc: 20.73 ng/ml