Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060420\
Data File : PL059126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2020 11:05
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

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mohammad
6/8/2020 8:27:43 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:28:09 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 2020
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...	3.520	4.071	41015745	59609163	23.752	22.910	
28)	SA Decachlor...	8.295	9.180	37851051	54469544	23.018	22.978	
	Target Compounds							
2)	A alpha-BHC	3.962	4.463	27848067	38795093	11.124	10.093	
3)	MA gamma-BHC...	4.247	4.750	23113958	34201573	10.540	9.372	
6)	B beta-BHC	4.496	4.918	11473182	16145272	12.074	10.677	
12)	B 4,4'-DDE	5.697	6.422	252251	717196	0.166	0.258	#
14)	MA Endrin	6.090	6.796	80577902	132.2E6	53.182	53.093	
16)	A 4,4'-DDD	6.212	6.913	1511068	3677797	1.143m	1.585	#
17)	MA 4,4'-DDT	6.456	7.214	152.8E6	249.7E6	121.094	109.647	
18)	B Endrin al...	6.527	7.128	725380	964377	0.551m	0.422	
20)	A Methoxychlor	7.002	7.670	212.0E6	334.6E6	275.963	253.725	
21)	B Endrin ke...	7.235	7.824	3433047	4162565	1.977	1.587	

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

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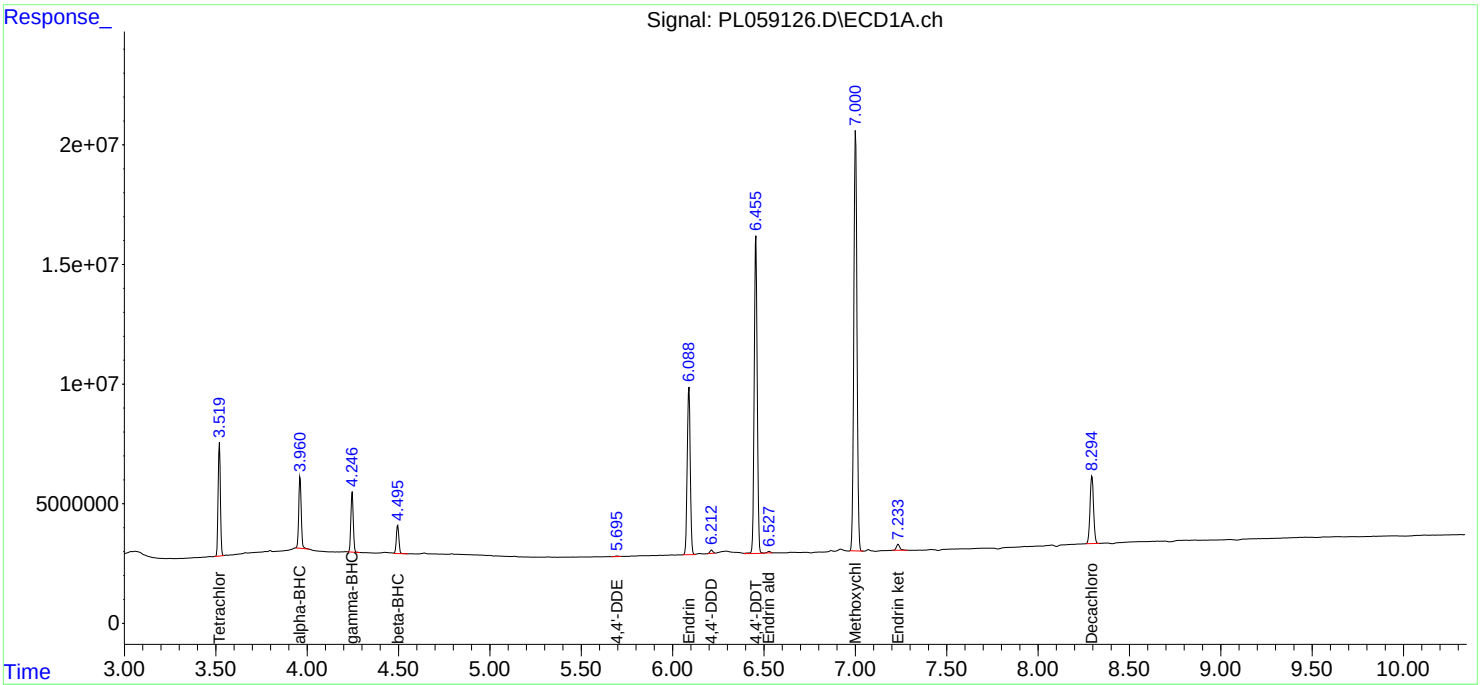

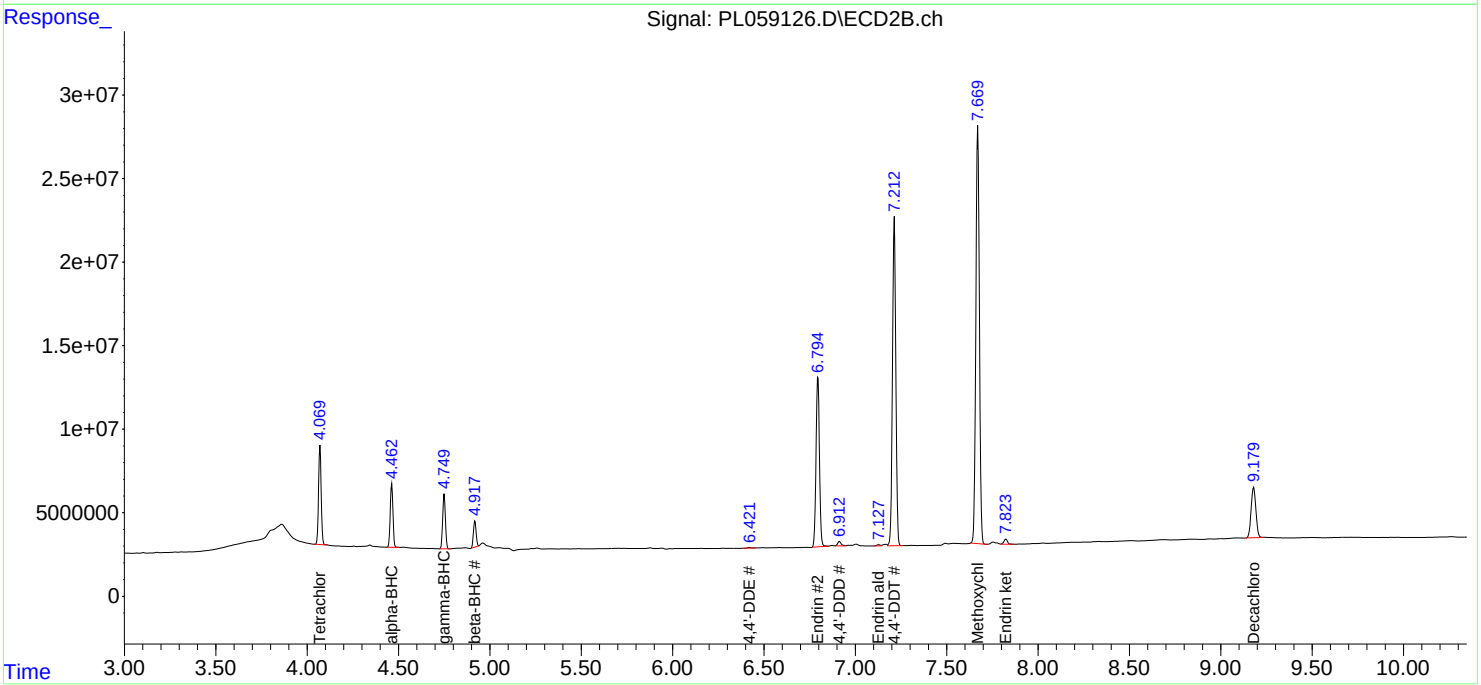

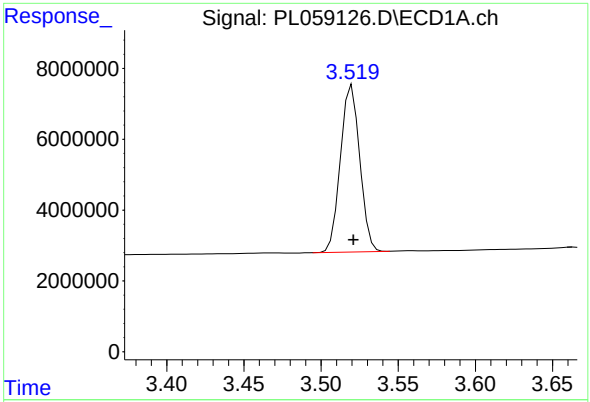

#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 41015745
Conc: 23.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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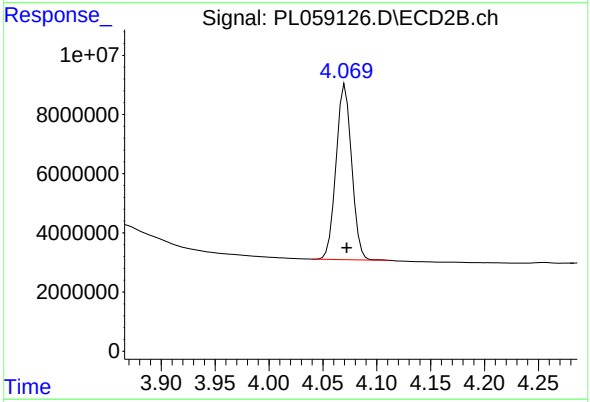
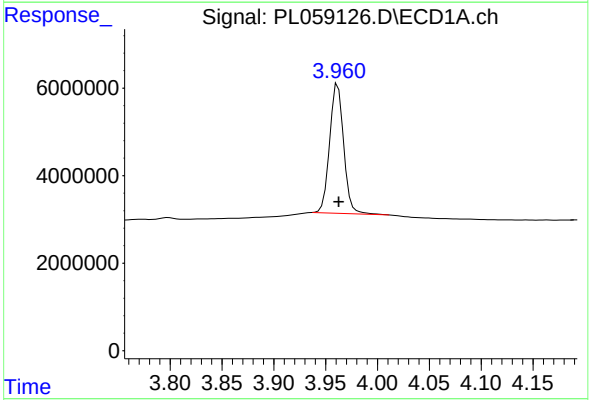


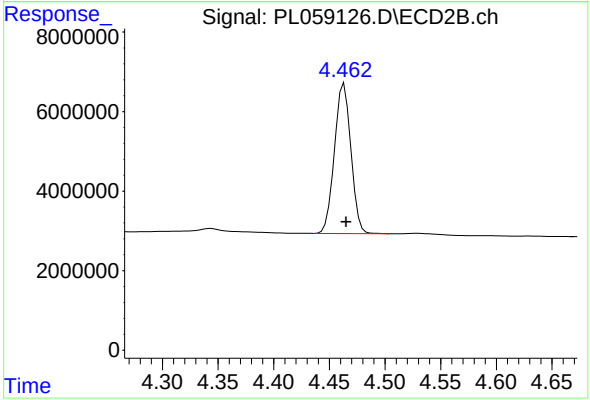
#1 Tetrachloro-m-xylene

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 59609163
Conc: 22.91 ng/ml



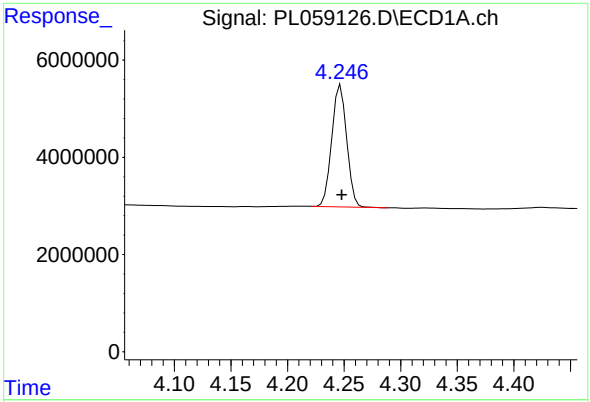
#2 alpha-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 27848067
Conc: 11.12 ng/ml



#2 alpha-BHC

R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 38795093
Conc: 10.09 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 23113958
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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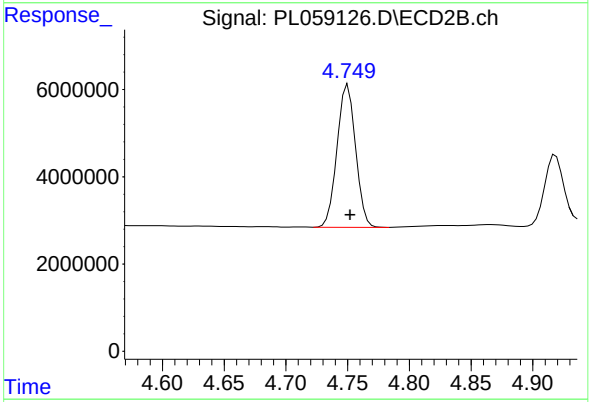
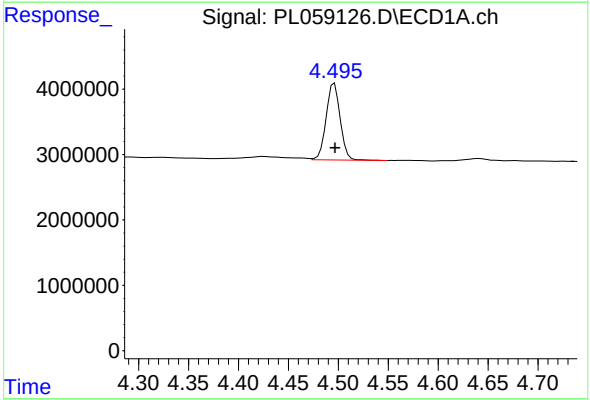


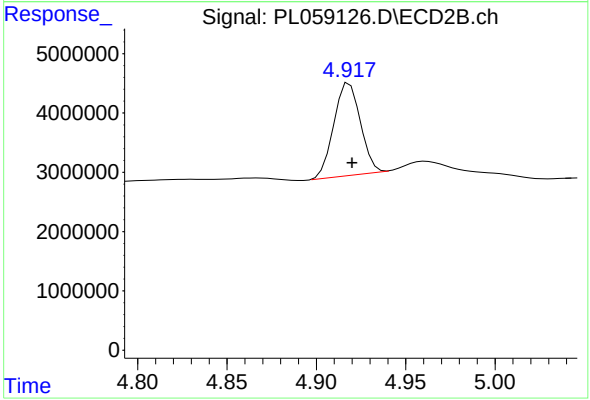
#3 gamma-BHC (Lindane)

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 34201573
Conc: 9.37 ng/ml



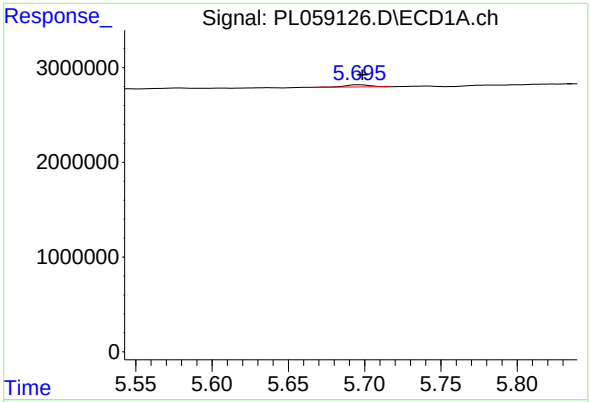
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 11473182
Conc: 12.07 ng/ml



#6 beta-BHC

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 16145272
Conc: 10.68 ng/ml



#12 4,4'-DDE

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 252251
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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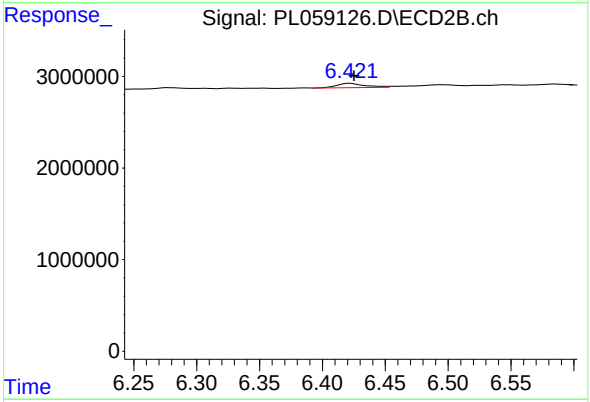
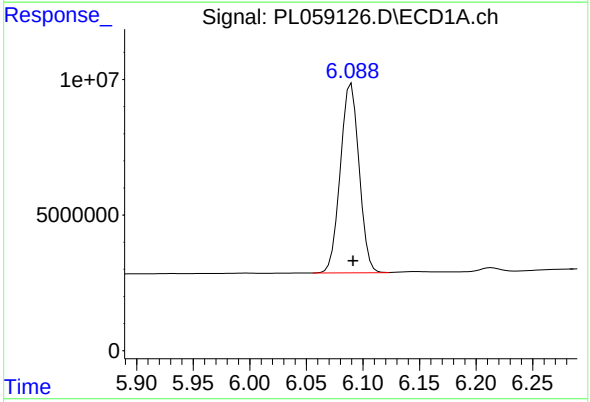


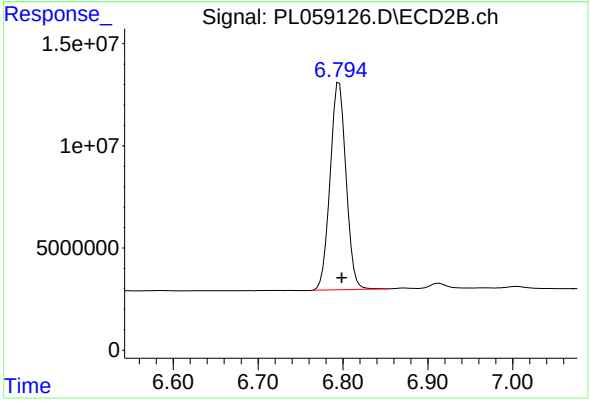
#12 4,4'-DDE

R.T.: 6.422 min
Delta R.T.: -0.003 min
Response: 717196
Conc: 0.26 ng/ml



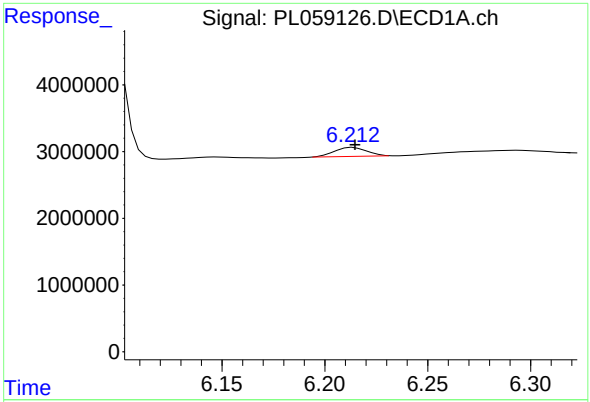
#14 Endrin

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 80577902
Conc: 53.18 ng/ml



#14 Endrin

R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 132219815
Conc: 53.09 ng/ml



#16 4,4'-DDD

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 1511068
Conc: 1.14 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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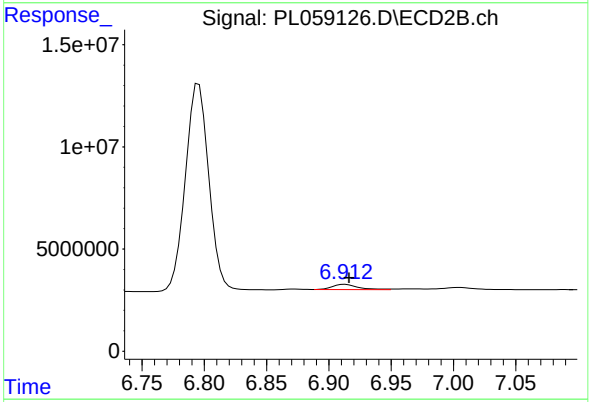
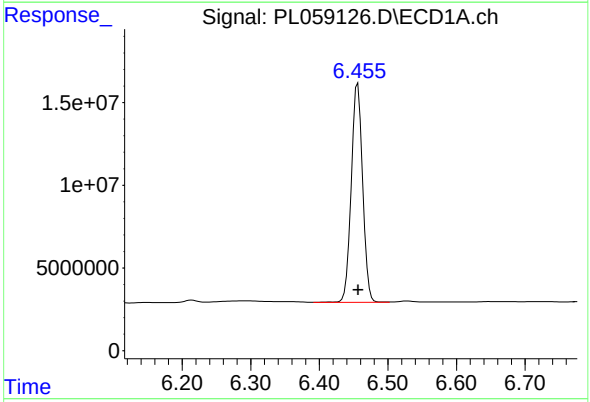


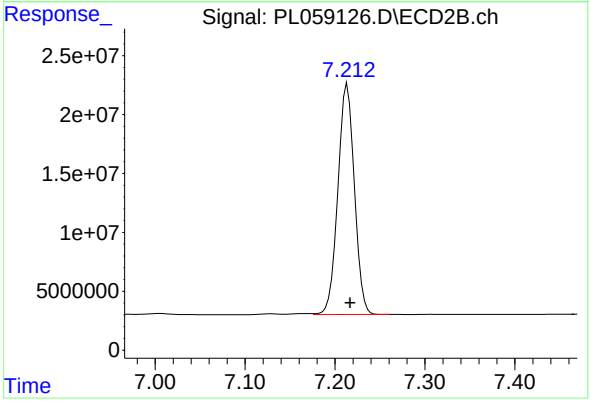
#16 4,4'-DDD

R.T.: 6.913 min
Delta R.T.: -0.003 min
Response: 3677797
Conc: 1.58 ng/ml



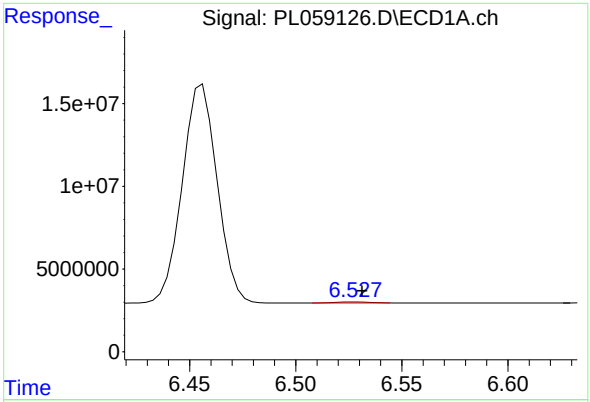
#17 4,4'-DDT

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 152752178
Conc: 121.09 ng/ml



#17 4,4'-DDT

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 249685875
Conc: 109.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 725380
Conc: 0.55 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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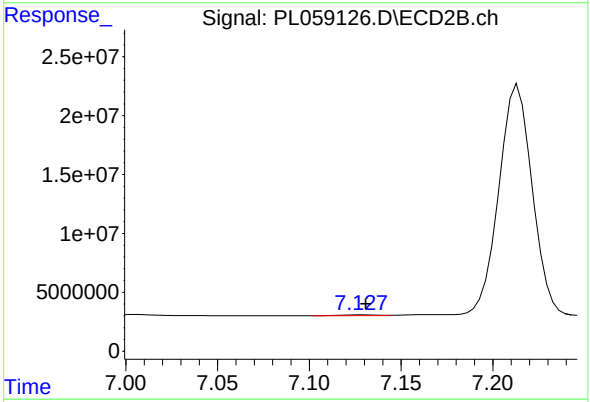
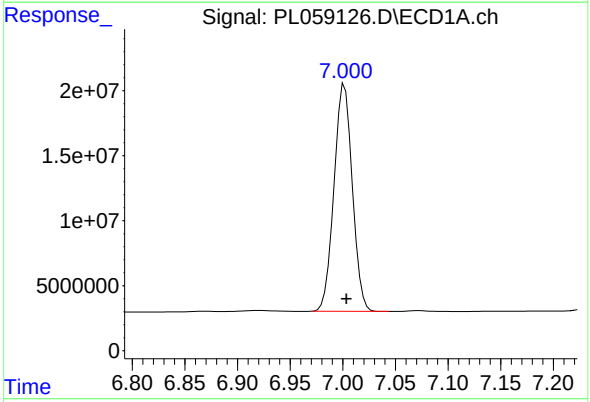


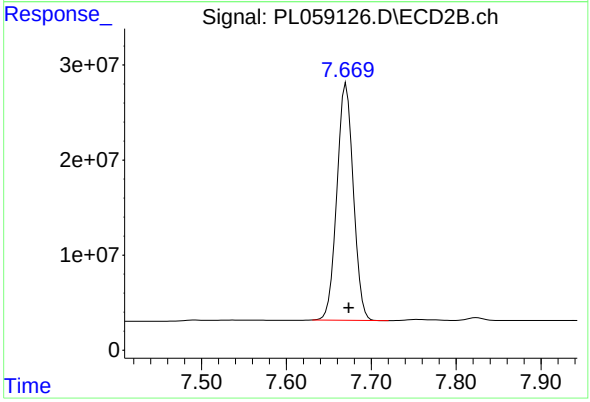
#18 Endrin aldehyde

R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 964377
Conc: 0.42 ng/ml



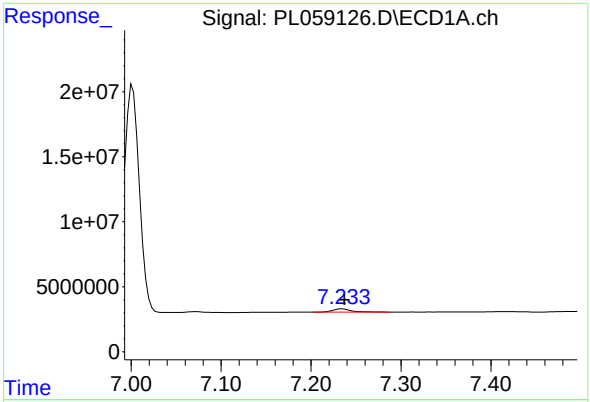
#20 Methoxychlor

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 211976810
Conc: 275.96 ng/ml



#20 Methoxychlor

R.T.: 7.670 min
Delta R.T.: -0.003 min
Response: 334572848
Conc: 253.73 ng/ml



#21 Endrin ketone

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 3433047
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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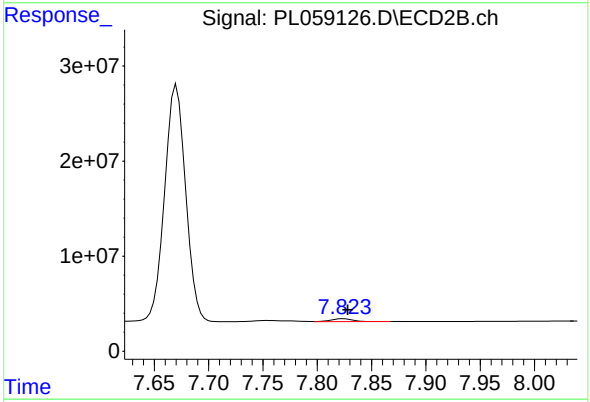
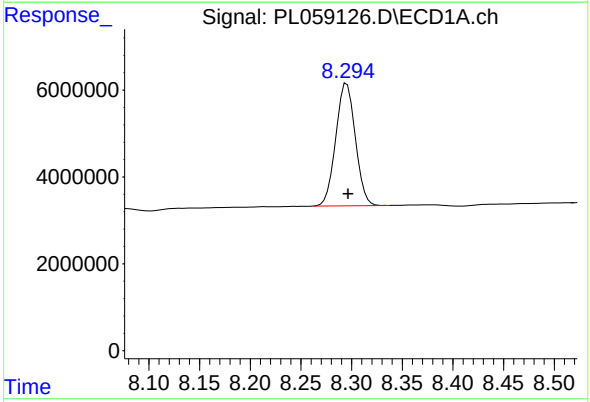


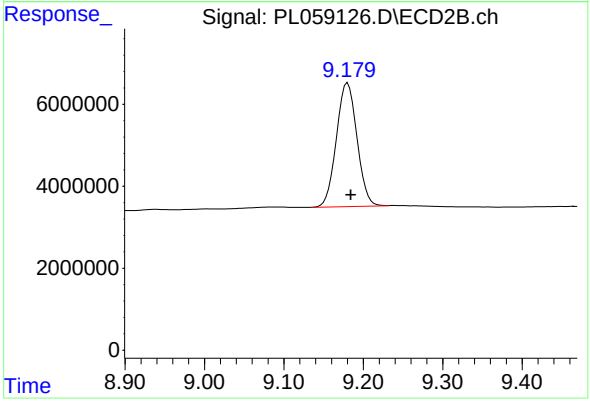
#21 Endrin ketone

R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 4162565
Conc: 1.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.295 min
Delta R.T.: -0.001 min
Response: 37851051
Conc: 23.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.180 min
Delta R.T.: -0.004 min
Response: 54469544
Conc: 22.98 ng/ml