Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 10:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:27:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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...	3.419	2.674	57496302	24219738	19.205	19.994
28)	SA Decachlor...	8.976	7.859	60441632	27826728	21.222	21.966
	Target Compounds						
2)	A alpha-BHC	3.876	3.177	39569783	16405423	8.819	8.901
3)	MA gamma-BHC...	4.209	3.507	38695168	15698059	8.872	8.638
6)	B beta-BHC	4.410	3.809	18737129	7911727	10.071	10.344
12)	B 4,4'-DDE	6.094	5.152	563070	202766	0.176m	0.151m
14)	MA Endrin	6.470	5.551	141.3E6	66081873	44.984	46.603
16)	A 4,4'-DDD	6.613	5.710	919991	477955	0.357m	0.424m
17)	MA 4,4'-DDT	6.932	5.964	291.2E6	137.2E6	101.837	110.215
18)	B Endrin al...	6.822	6.030	3091473	2185366	1.229m	1.880m#
20)	A Methoxychlor	7.417	6.549	389.0E6	180.6E6	239.591	245.329
21)	B Endrin ke...	7.545	6.760	7448867	3205208	2.290	2.091

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

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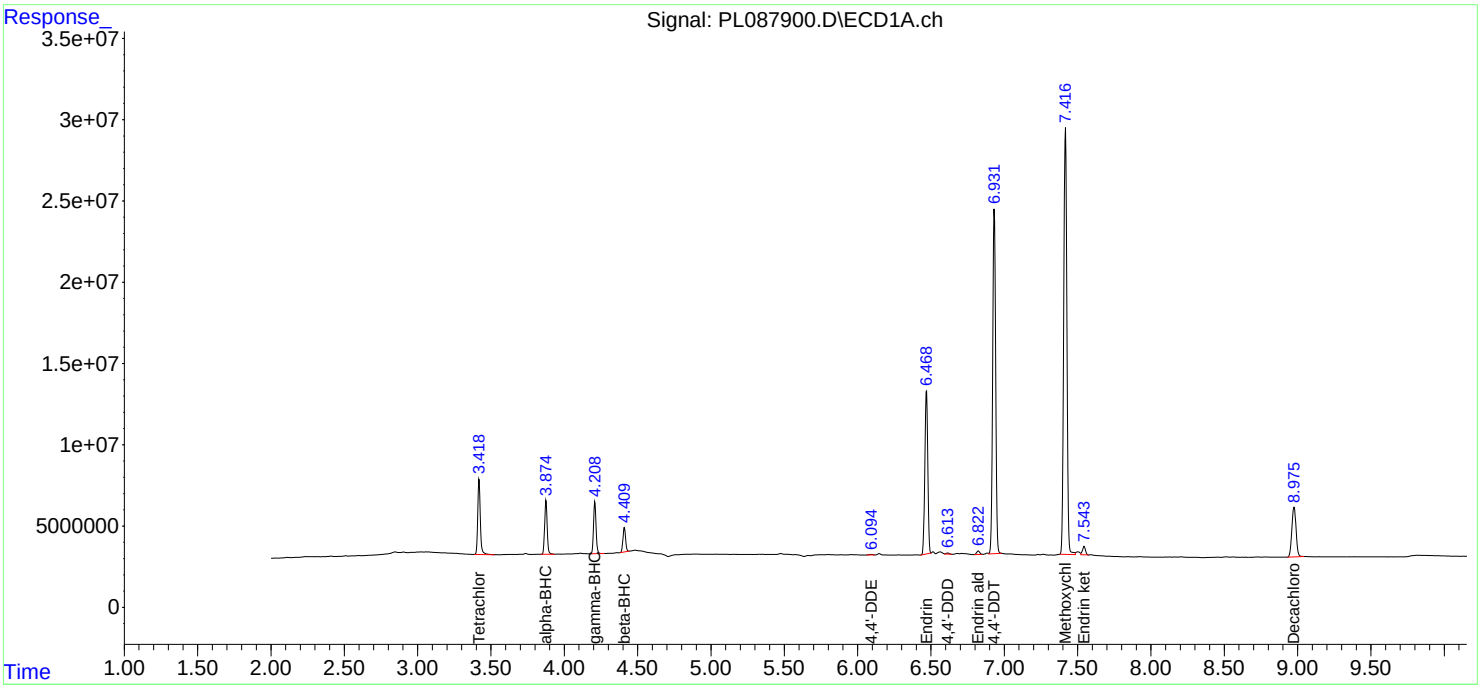

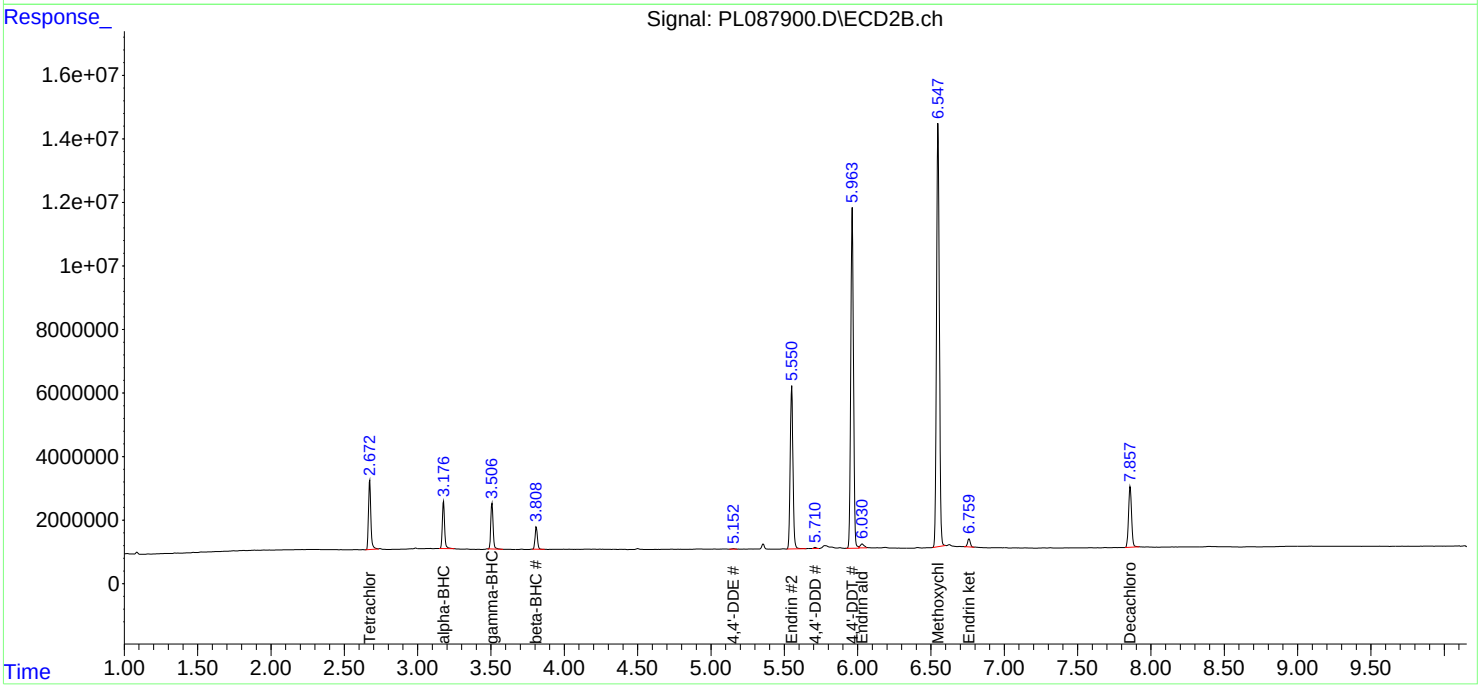

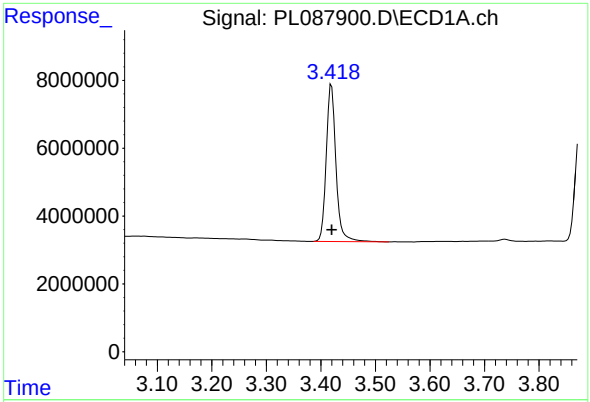

#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 57496302
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

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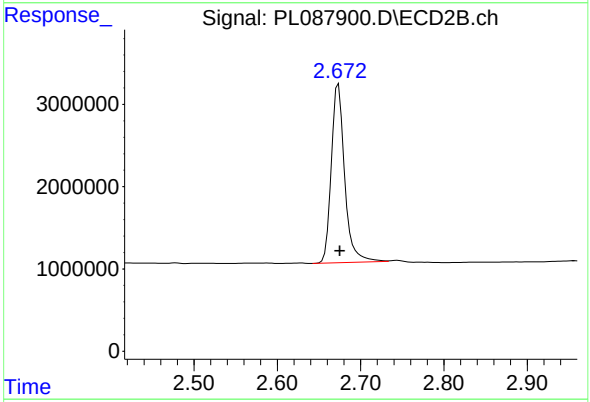
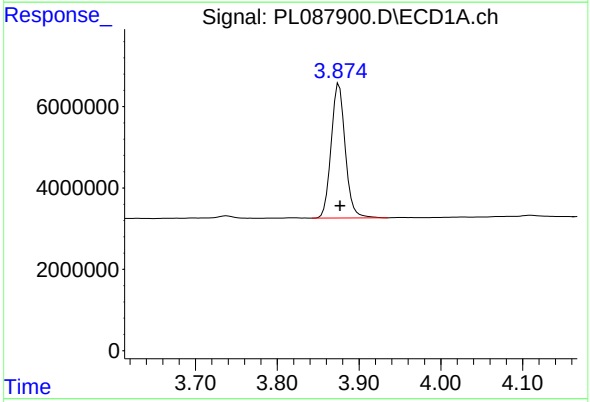


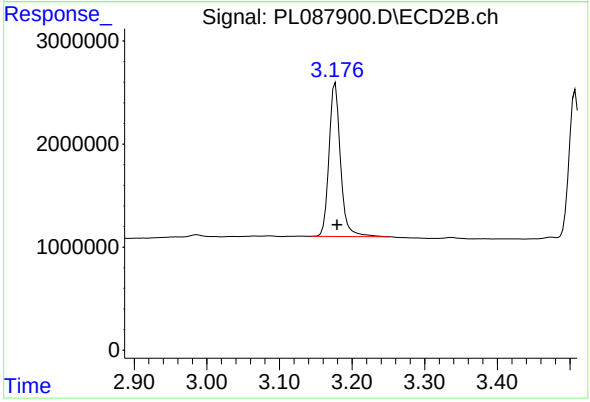
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 24219738
Conc: 19.99 ng/ml



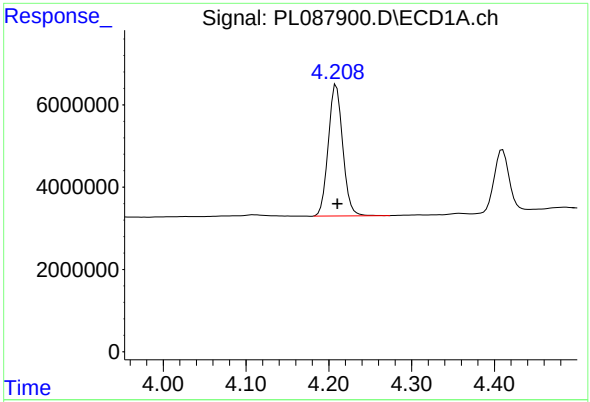
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 39569783
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 16405423
Conc: 8.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 38695168
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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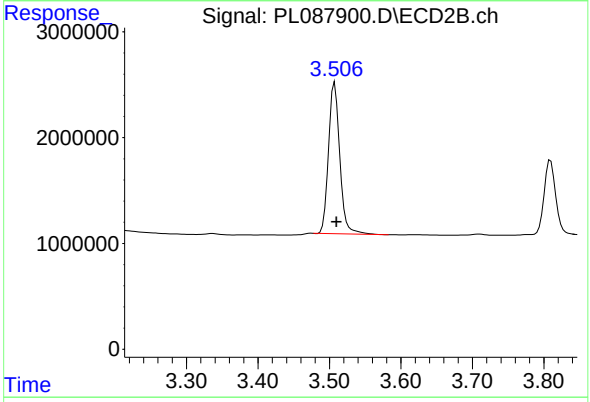
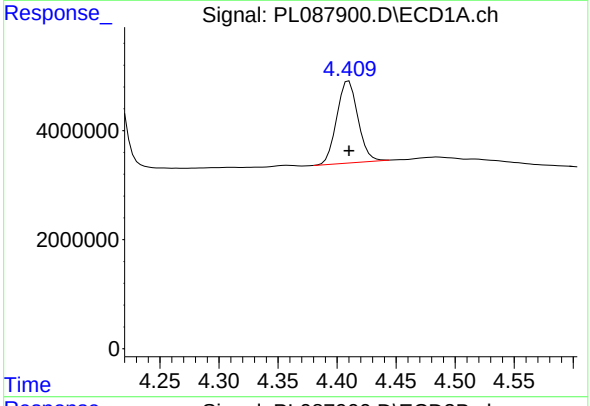


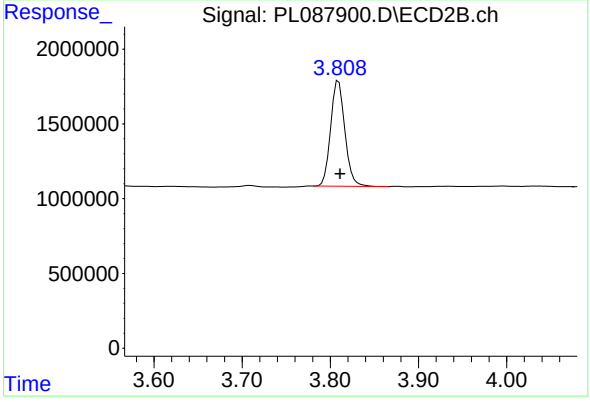
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.002 min
Response: 15698059
Conc: 8.64 ng/ml



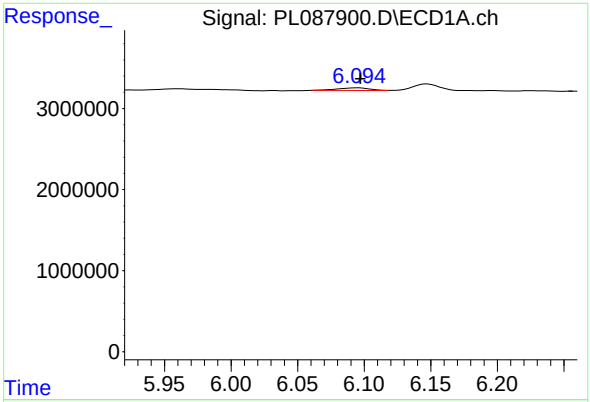
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 18737129
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 7911727
Conc: 10.34 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 563070
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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Reviewed By :Abdul Mirza 01/24/2024
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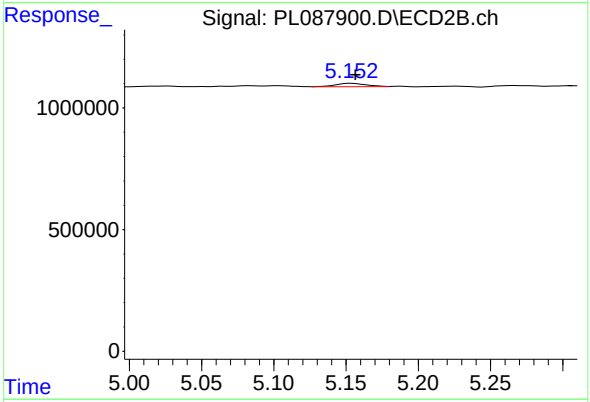
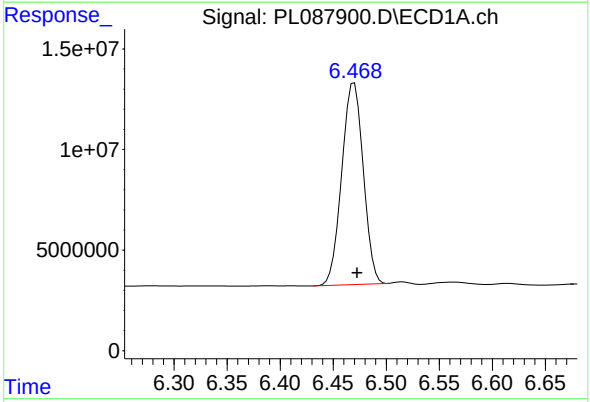


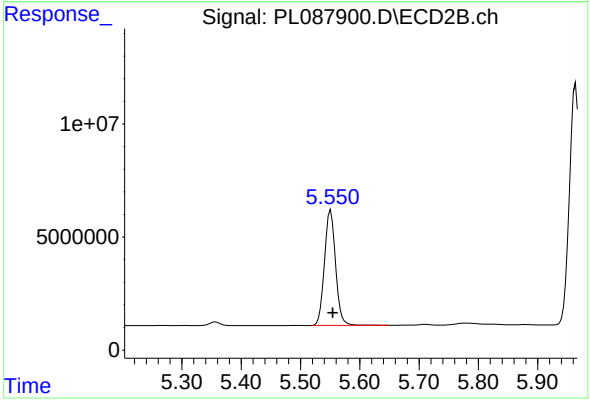
#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 202766
Conc: 0.15 ng/ml m



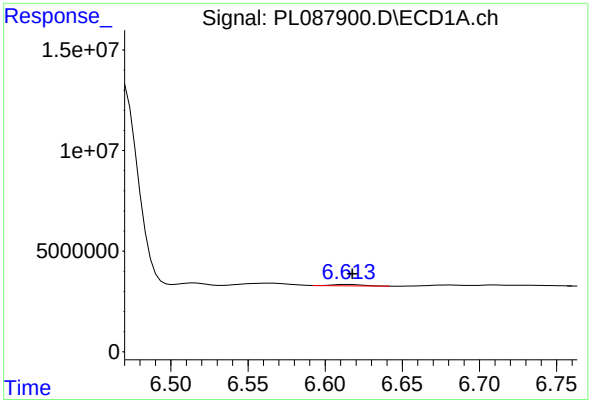
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 141290310
Conc: 44.98 ng/ml



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 66081873
Conc: 46.60 ng/ml



#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 919991
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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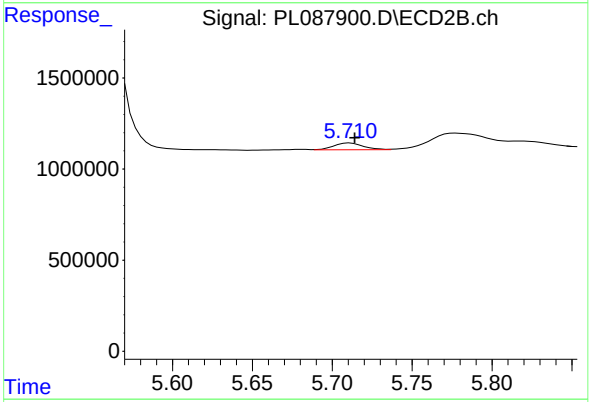
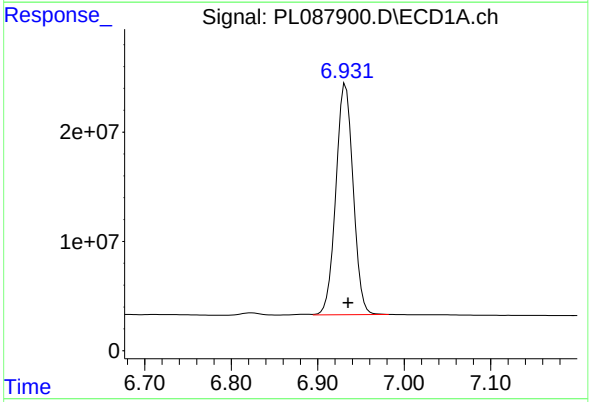


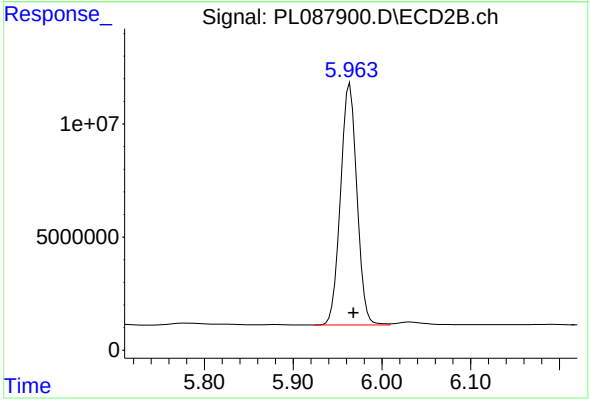
#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 477955
Conc: 0.42 ng/ml m



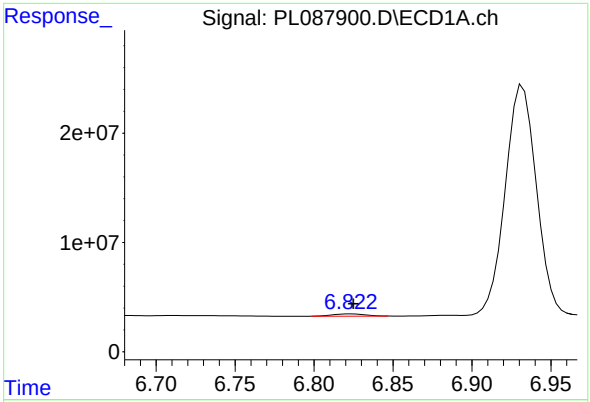
#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 291209007
Conc: 101.84 ng/ml



#17 4,4'-DDT

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 137171039
Conc: 110.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 3091473
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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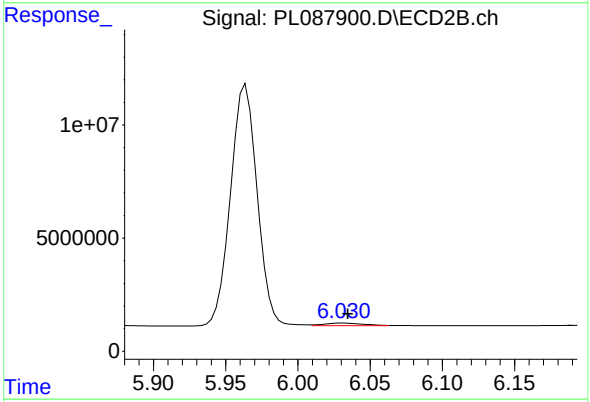
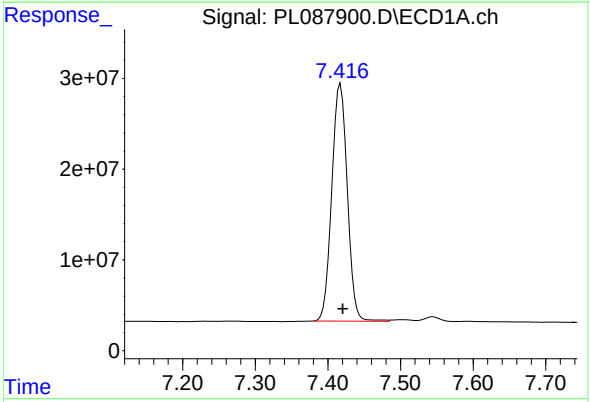


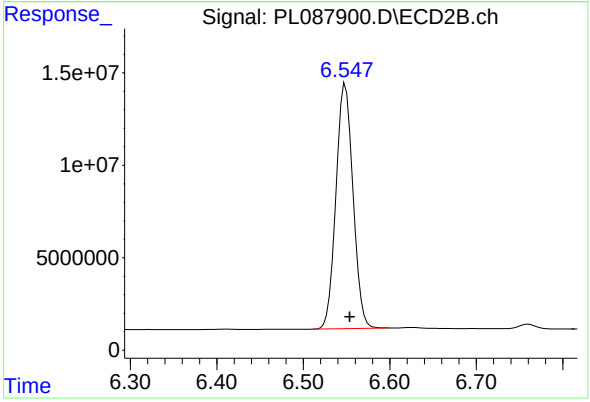
#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 2185366
Conc: 1.88 ng/ml m



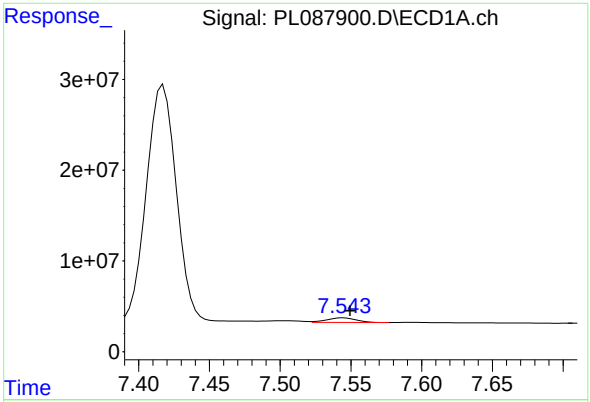
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 388995858
Conc: 239.59 ng/ml



#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 180582031
Conc: 245.33 ng/ml



#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 7448867
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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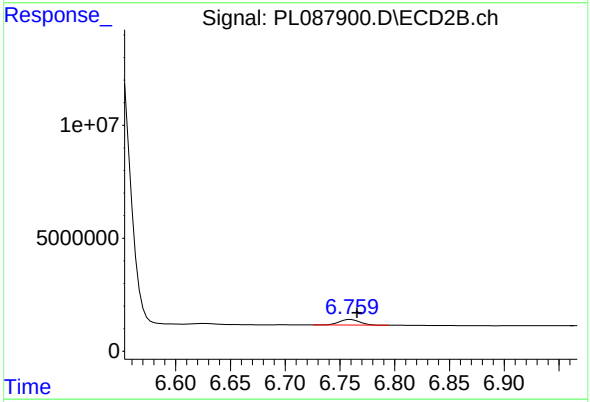
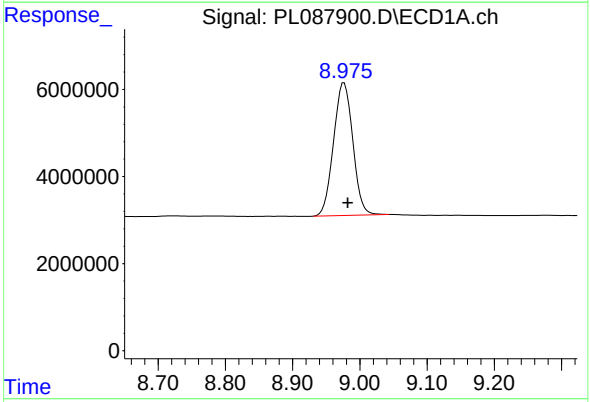


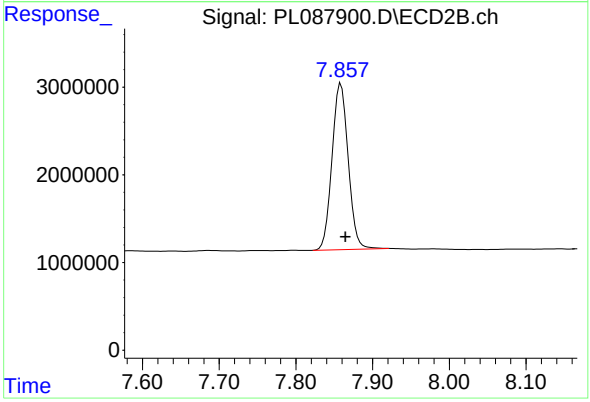
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 3205208
Conc: 2.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 60441632
Conc: 21.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 27826728
Conc: 21.97 ng/ml