Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102323\
Data File : PL086081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2023 09:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2023
Supervised By :Ankita Jodhani 10/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 21:25:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	53382314	15886698	17.949	17.007
28)	SA Decachlor...	8.857	7.773	48233326	21104526	22.145	22.866
	Target Compounds						
2)	A alpha-BHC	3.809	3.120	36754423	9708634	8.564	7.717
3)	MA gamma-BHC...	4.140	3.447	35572365	9668436	8.606	7.839
6)	B beta-BHC	4.343	3.749	17019093	5397458	10.292	10.368
12)	B 4,4'-DDE	6.017	5.079	693135	121319	0.248m	0.148m#
14)	MA Endrin	6.387	5.472	126.6E6	43223911	44.409	48.080
16)	A 4,4'-DDD	6.538	5.636	1995481	623500	0.990	0.896
17)	MA 4,4'-DDT	6.853	5.887	251.9E6	90714402	106.866	114.719
18)	B Endrin al...	6.740	5.952	3268599	2996270	1.613m	4.018 #
20)	A Methoxychlor	7.339	6.471	333.6E6	126.3E6	238.828	240.012
21)	B Endrin ke...	7.459	6.677	8244170	3188482	2.862	2.774

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

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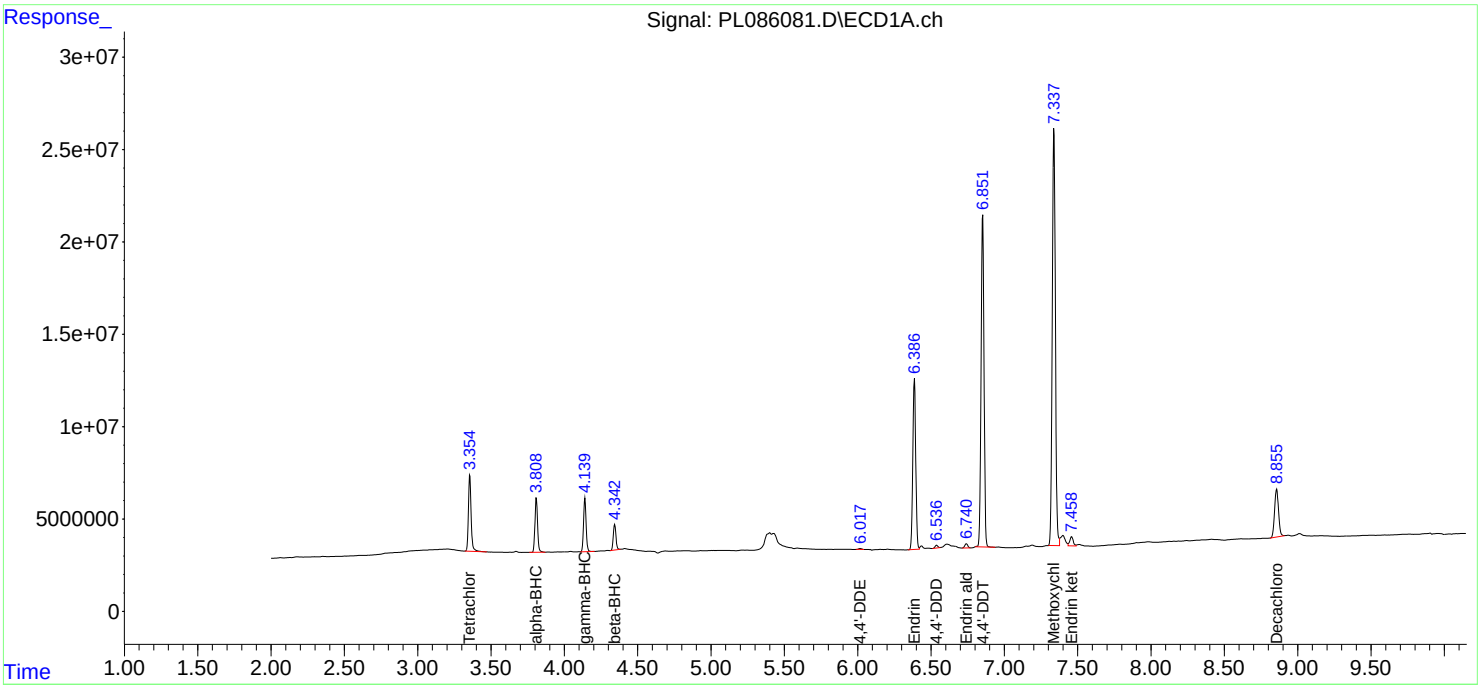

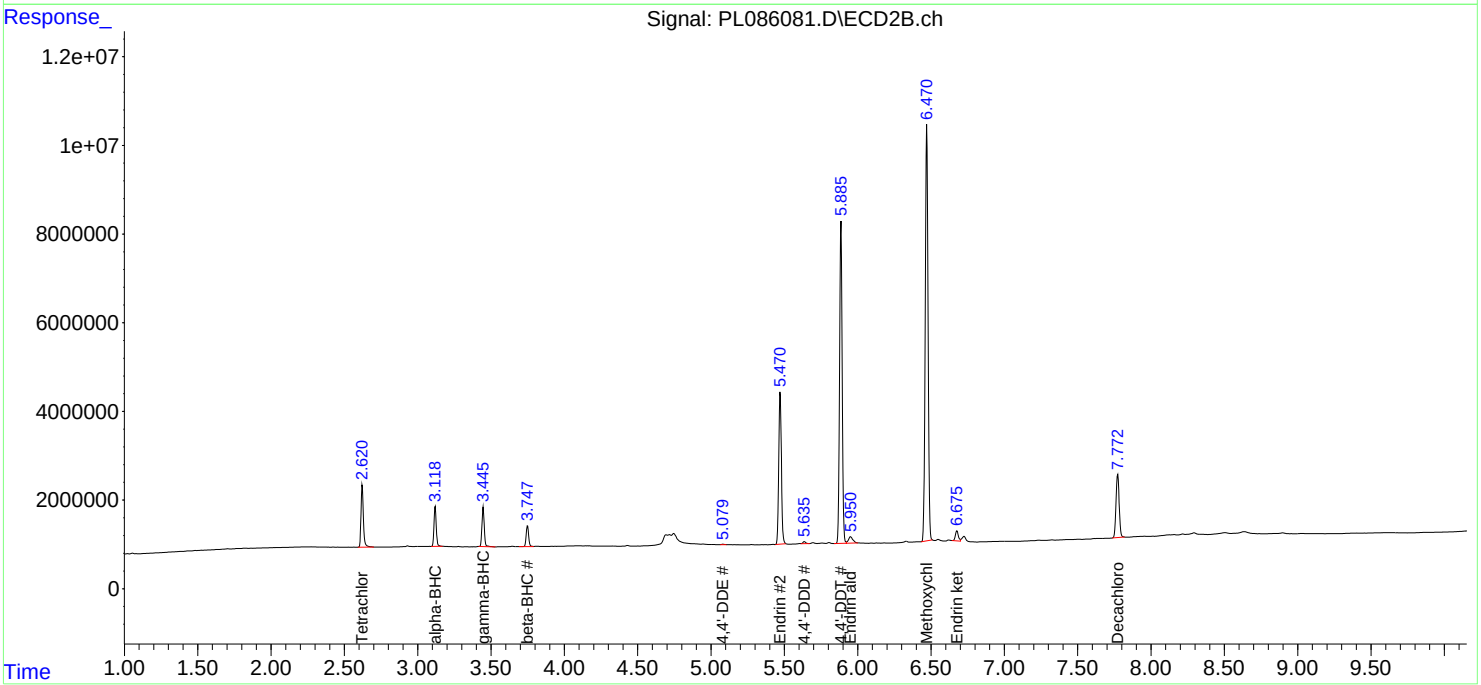

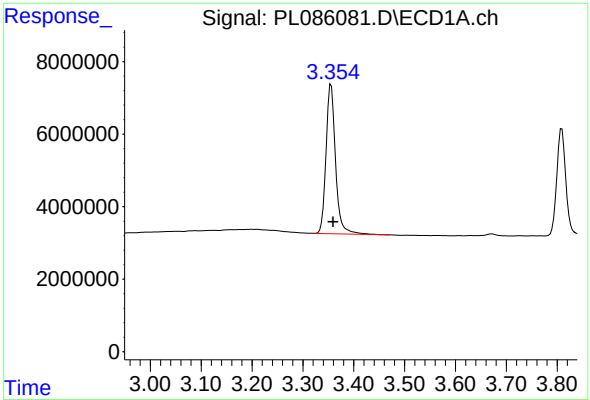

#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 53382314
Conc: 17.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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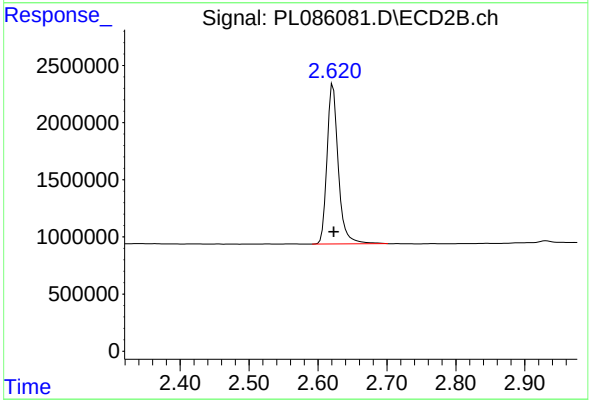
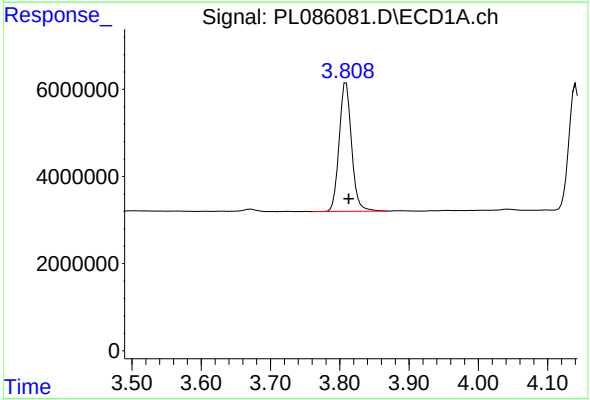


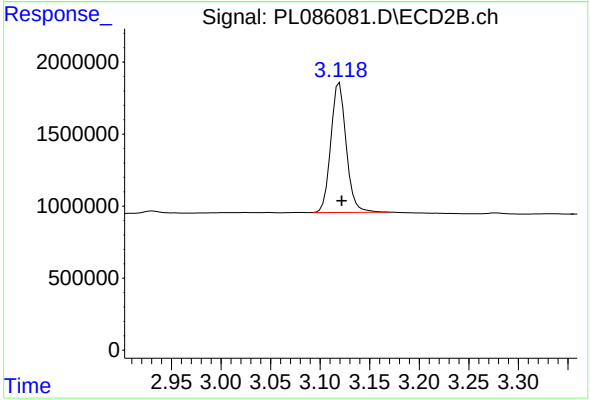
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 15886698
Conc: 17.01 ng/ml



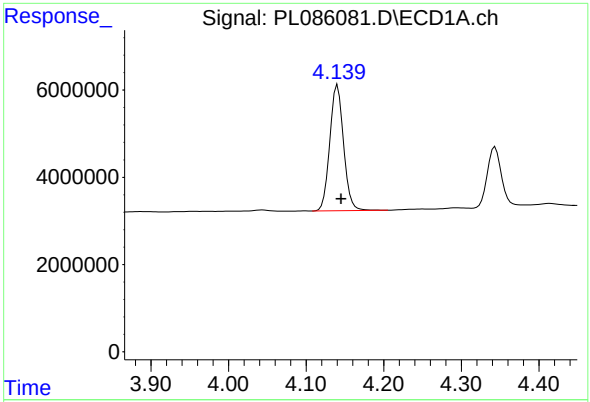
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 36754423
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 9708634
Conc: 7.72 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 35572365
Conc: 8.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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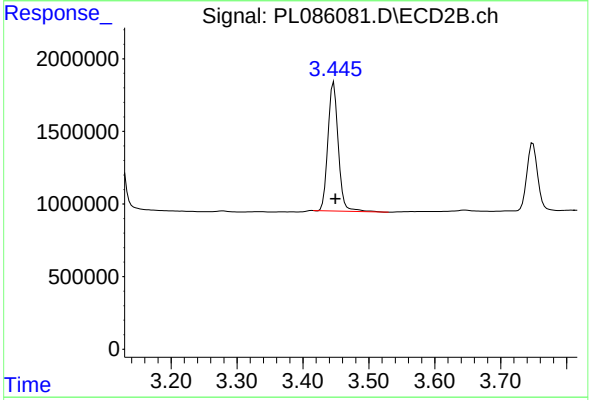
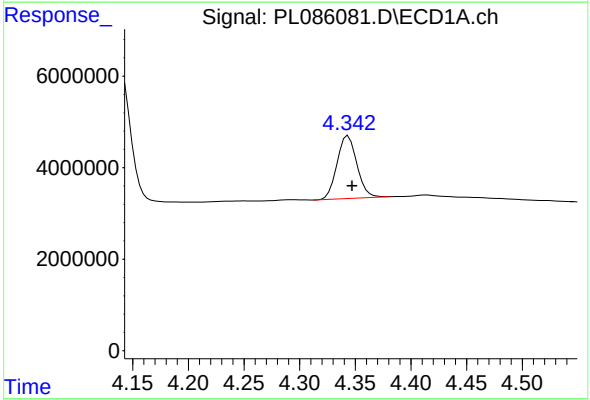


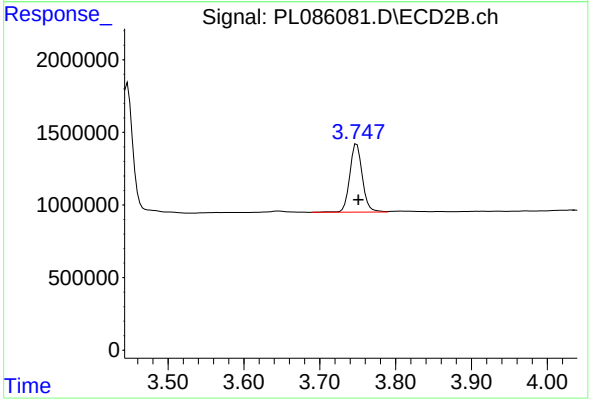
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 9668436
Conc: 7.84 ng/ml



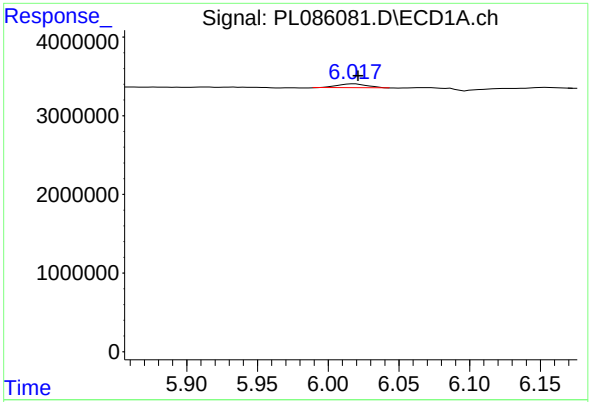
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 17019093
Conc: 10.29 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 5397458
Conc: 10.37 ng/ml



#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 693135
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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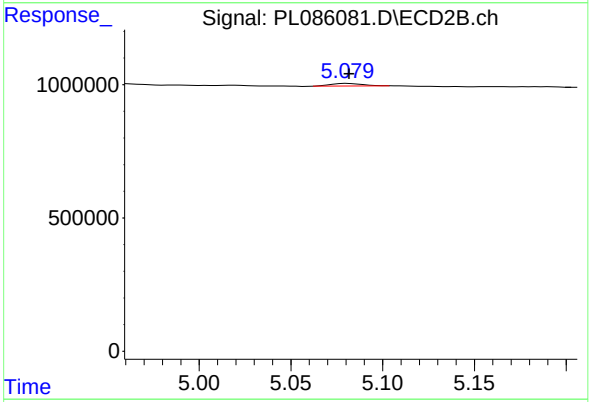
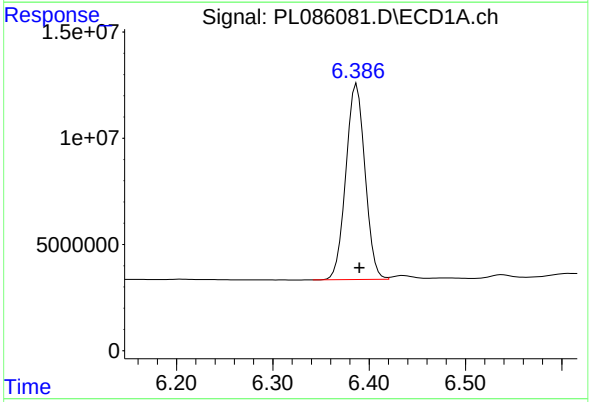


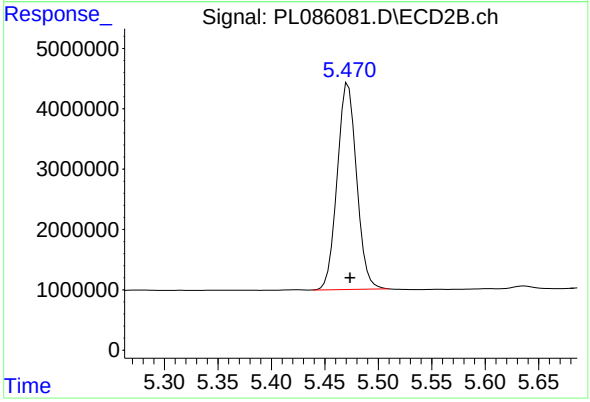
#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 121319
Conc: 0.15 ng/ml m



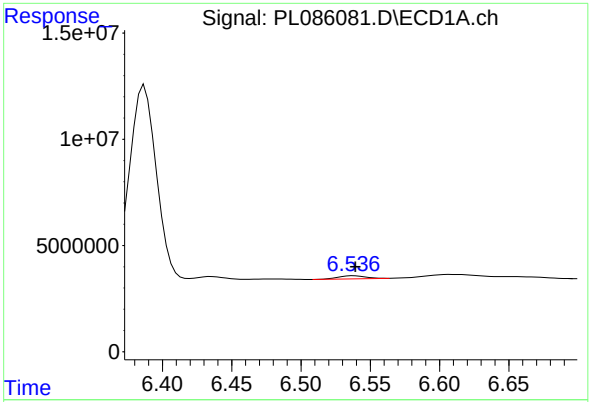
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 126553634
Conc: 44.41 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 43223911
Conc: 48.08 ng/ml



#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 1995481
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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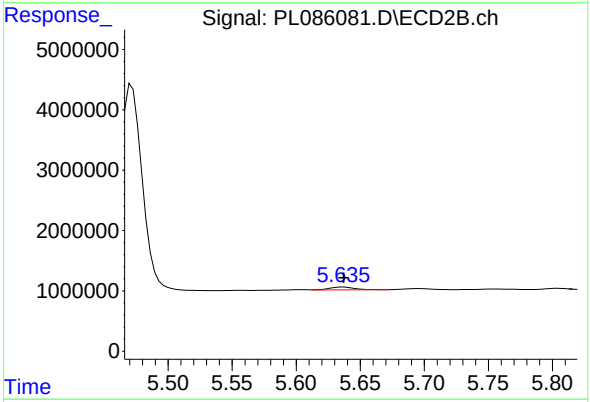
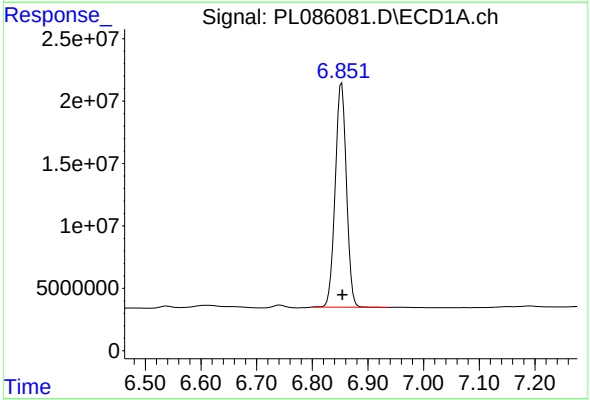


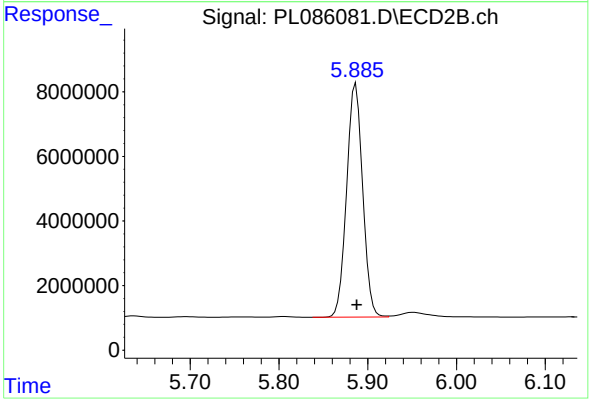
#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 623500
Conc: 0.90 ng/ml



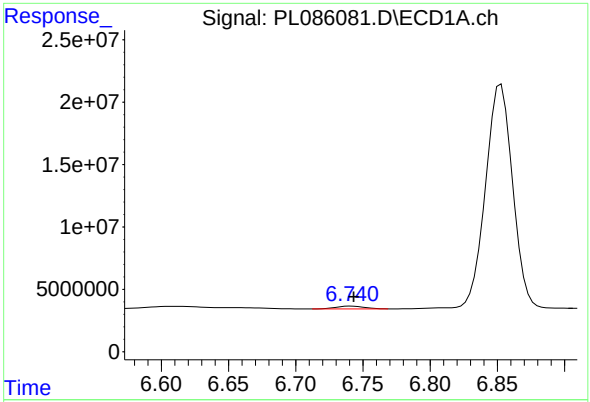
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 251892466
Conc: 106.87 ng/ml



#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 90714402
Conc: 114.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 3268599
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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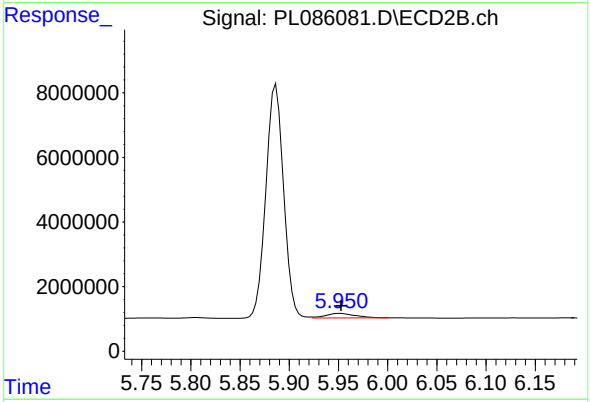
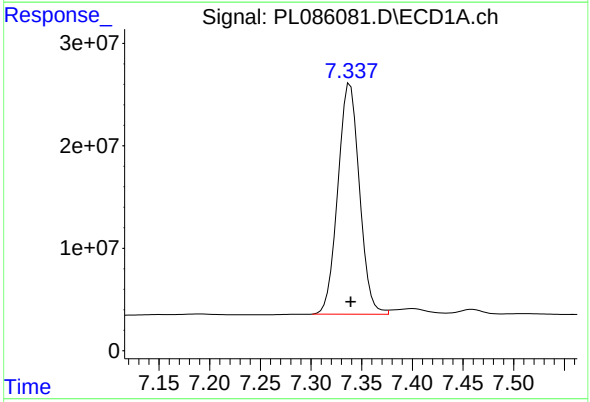


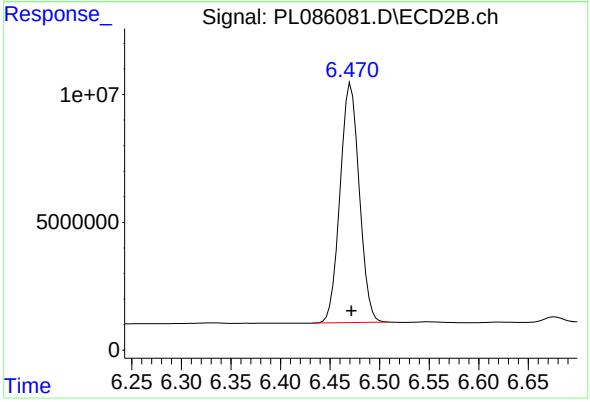
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 2996270
Conc: 4.02 ng/ml



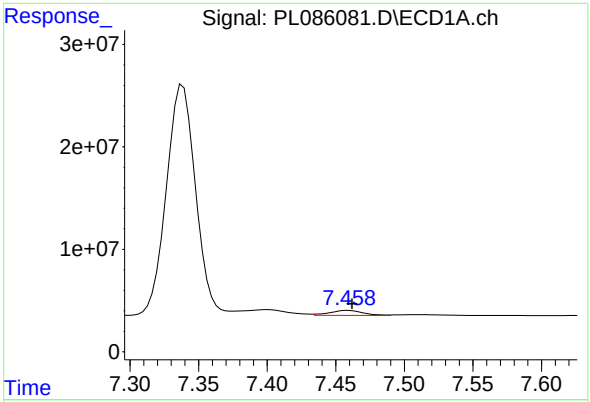
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 333551607
Conc: 238.83 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 126264693
Conc: 240.01 ng/ml



#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 8244170
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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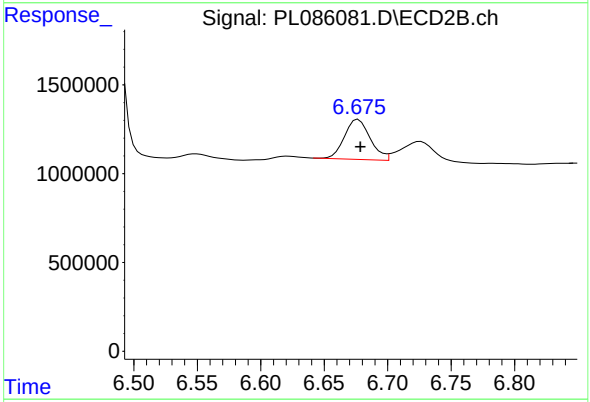
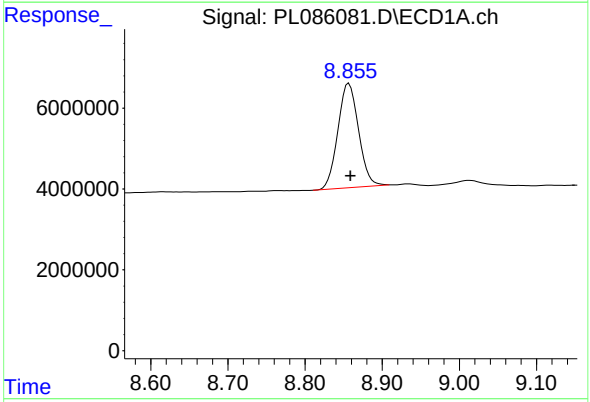


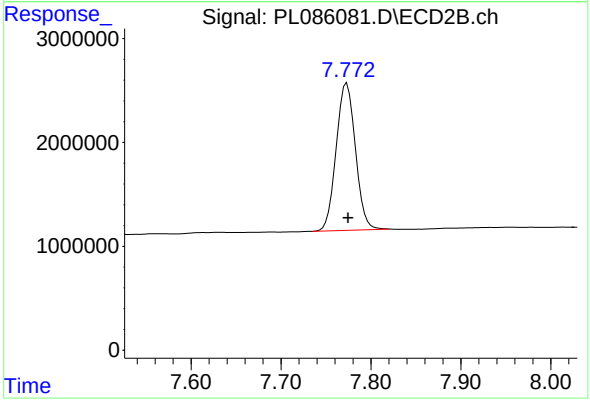
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 3188482
Conc: 2.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: -0.002 min
Response: 48233326
Conc: 22.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 21104526
Conc: 22.87 ng/ml