Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050124\
Data File : PL089293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2024 09:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 22:31:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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...	3.552	2.798	45491572	27476190	22.591	21.415	
28)	SA Decachlor...	9.066	7.949	28928365	25648502	20.678	19.067	
	Target Compounds							
2)	A alpha-BHC	4.007	3.303	33074499	18384327	11.598	9.743	
3)	MA gamma-BHC...	4.339	3.634	31389105	17541439	11.275	9.506	
6)	B beta-BHC	4.532	3.931	15000393	9229372	11.890m	11.304	
12)	B 4,4'-DDE	6.203	5.265	816052	350658	0.403m	0.241	#
14)	MA Endrin	6.587	5.672	82697742	68581304	43.655	47.703	
16)	A 4,4'-DDD	6.720	5.818	6615718	4012923	3.922	3.254	
17)	MA 4,4'-DDT	7.034	6.070	153.2E6	138.8E6	83.325	102.598	
18)	B Endrin al...	6.934	6.144	4577715	2842087	3.027	2.555	
20)	A Methoxychlor	7.509	6.645	194.1E6	175.4E6	197.342	219.426	
21)	B Endrin ke...	7.653	6.873	7983131	5485946	3.988	3.431	

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

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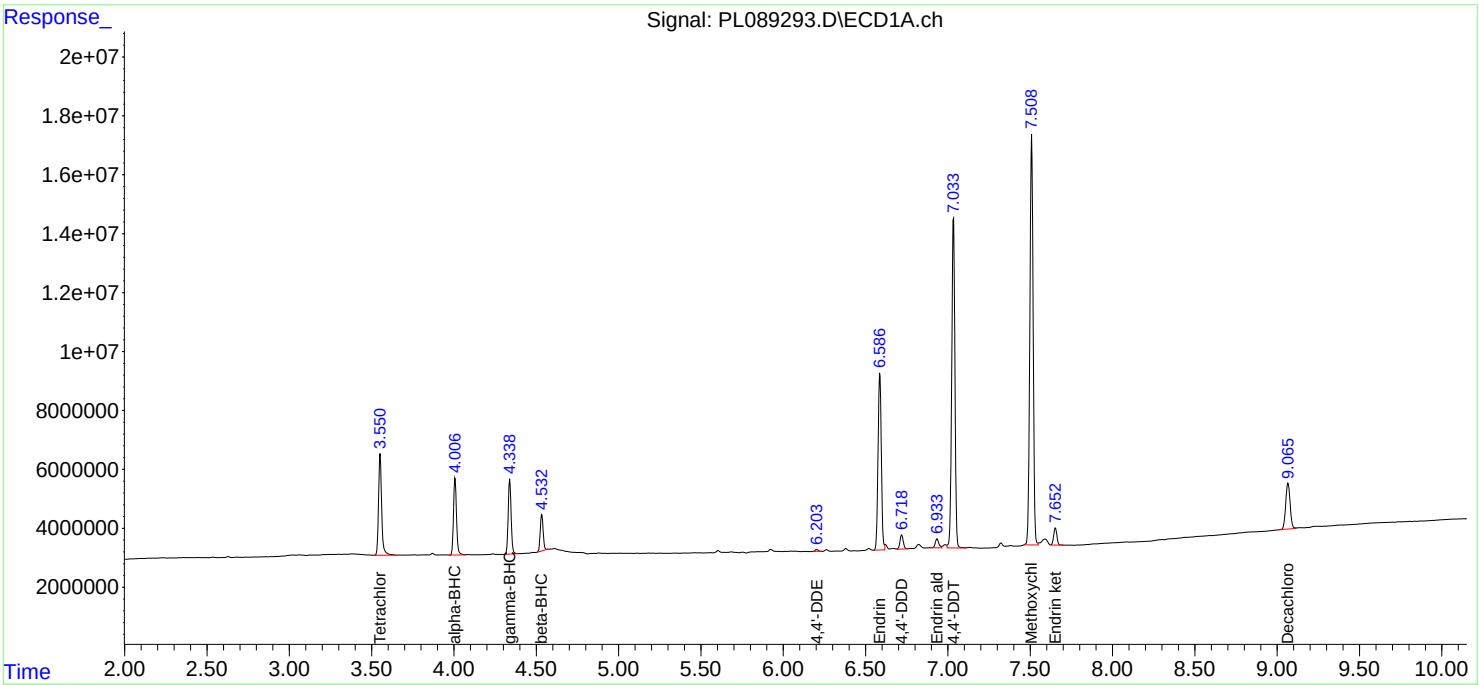

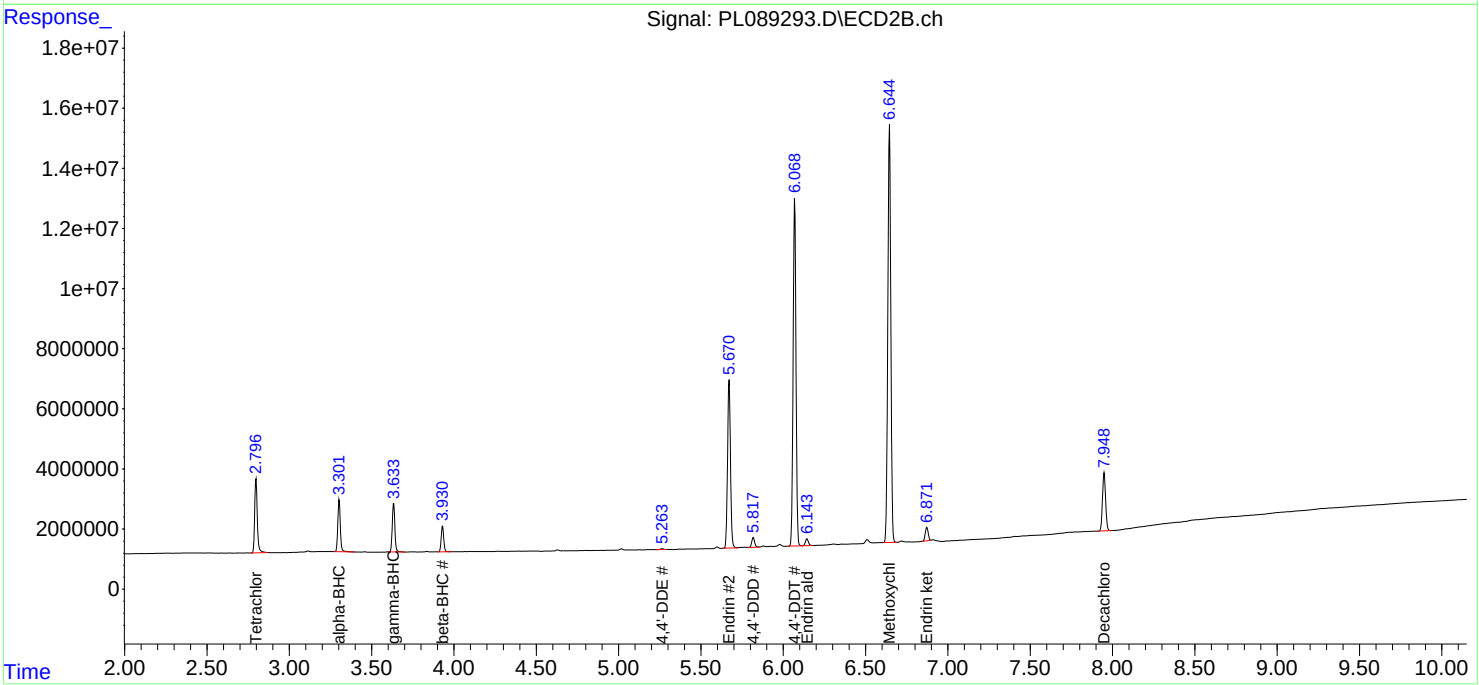

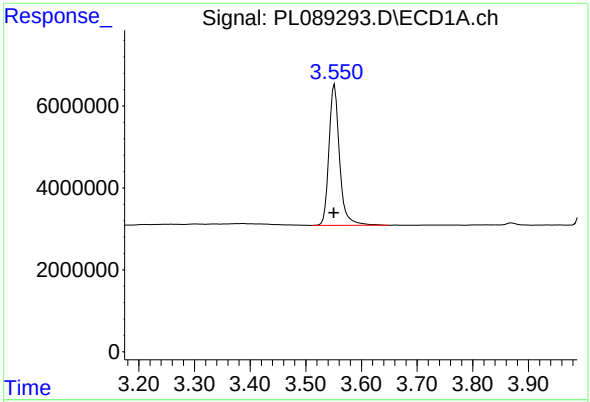

#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 45491572
Conc: 22.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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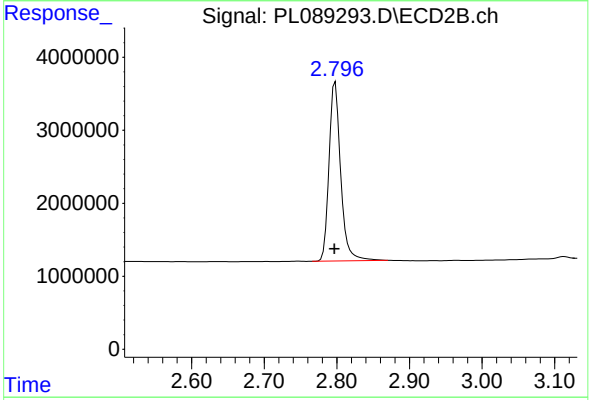
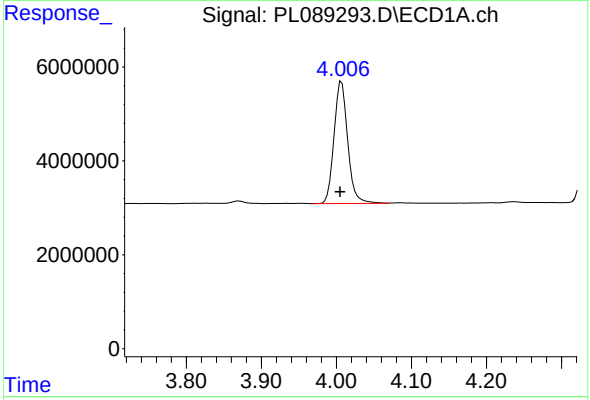


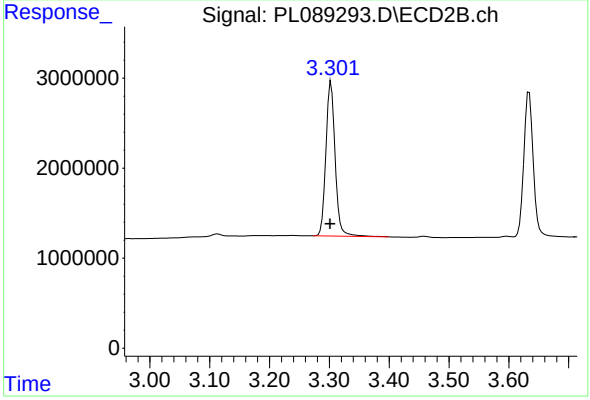
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 27476190
Conc: 21.41 ng/ml



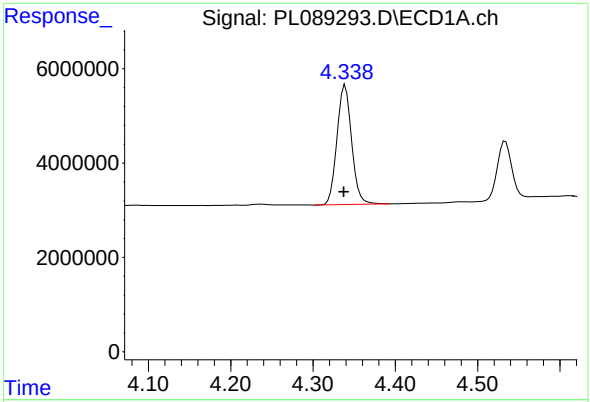
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 33074499
Conc: 11.60 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 18384327
Conc: 9.74 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 31389105
Conc: 11.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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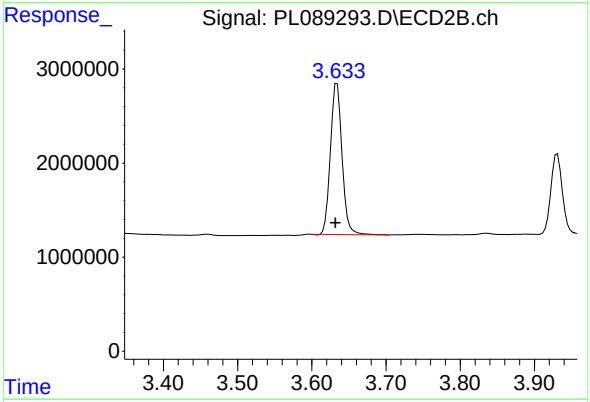
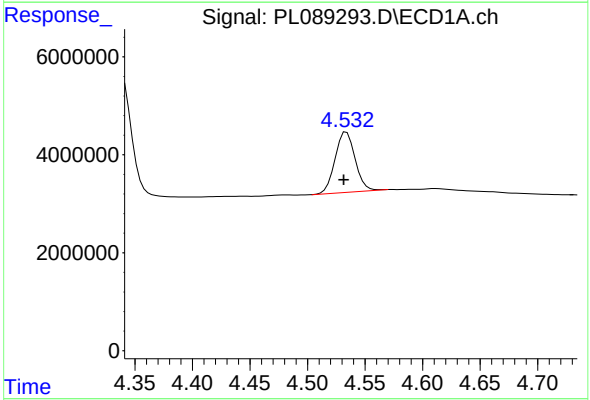


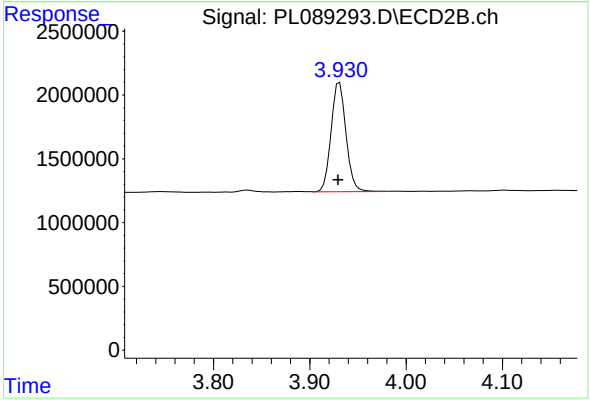
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 17541439
Conc: 9.51 ng/ml



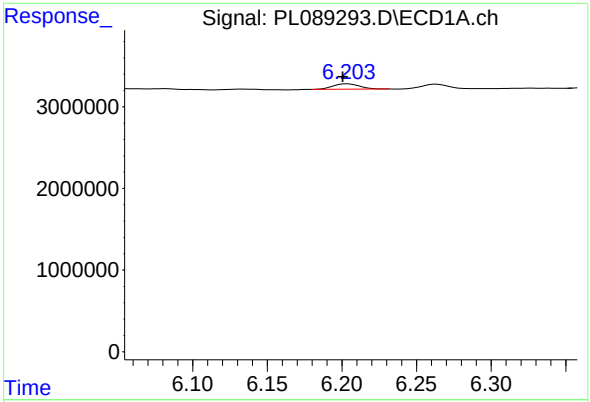
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15000393
Conc: 11.89 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.002 min
Response: 9229372
Conc: 11.30 ng/ml



#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 816052
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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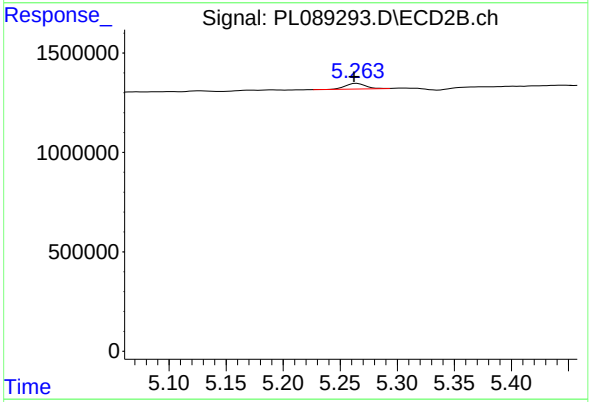
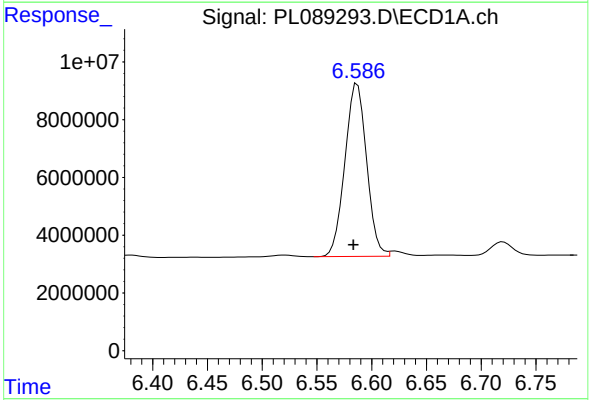


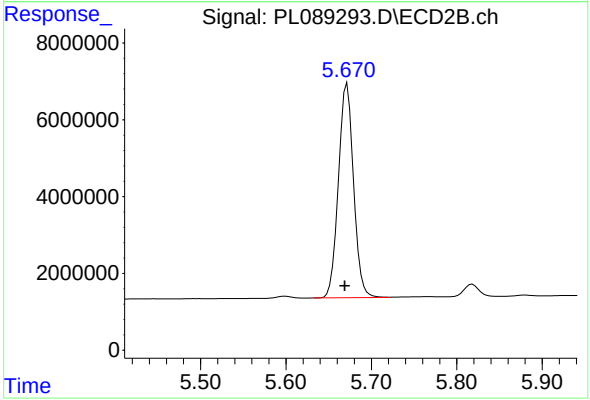
#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 350658
Conc: 0.24 ng/ml



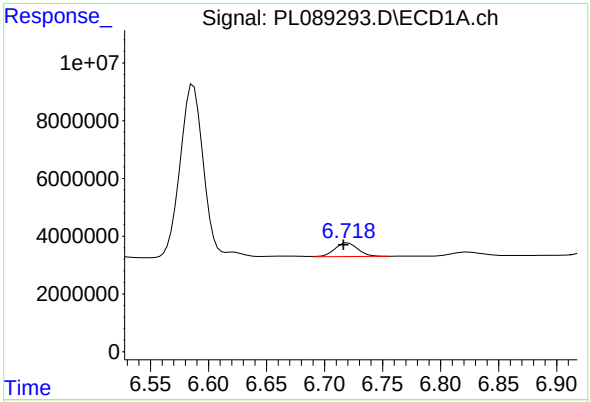
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.004 min
Response: 82697742
Conc: 43.66 ng/ml



#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.003 min
Response: 68581304
Conc: 47.70 ng/ml



#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 6615718
Conc: 3.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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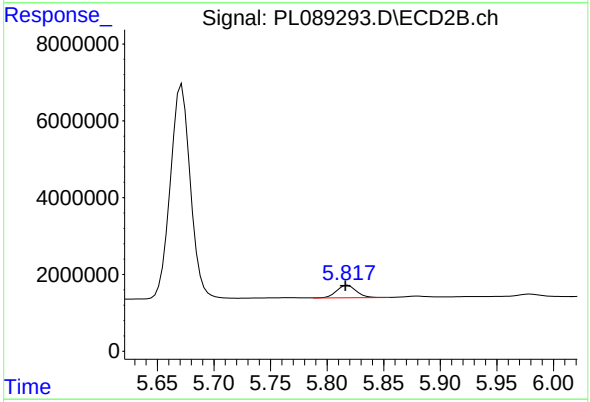
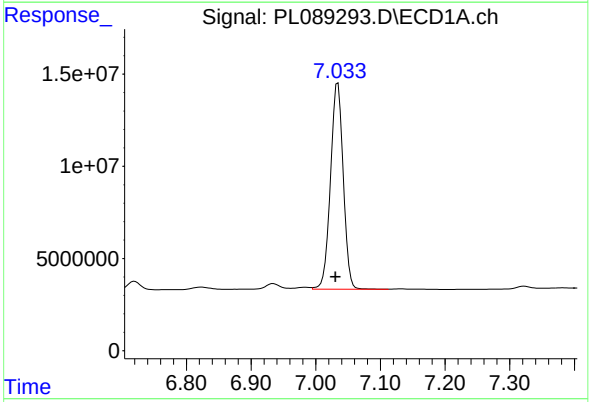


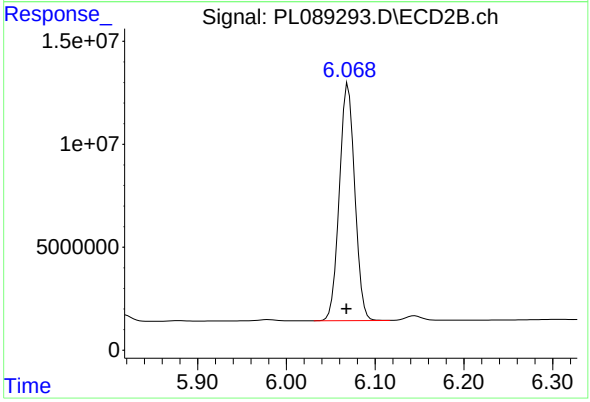
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 4012923
Conc: 3.25 ng/ml



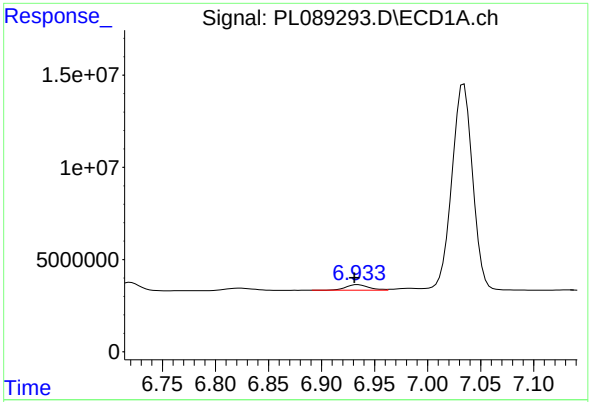
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.004 min
Response: 153232834
Conc: 83.32 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 138813704
Conc: 102.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4577715
Conc: 3.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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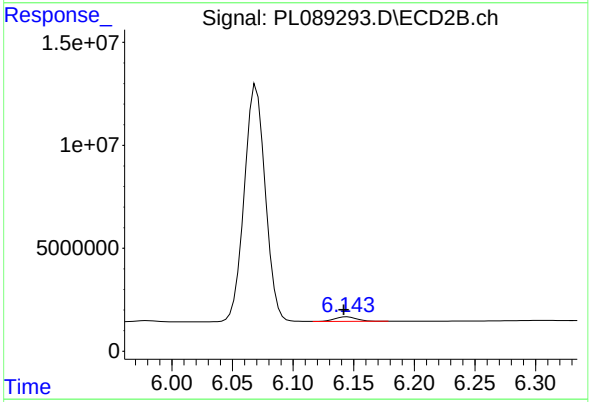
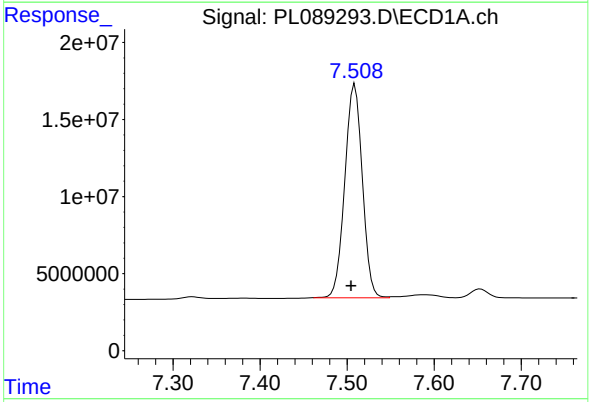


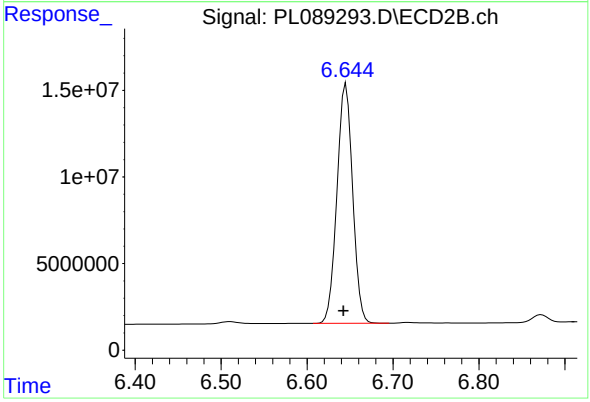
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.003 min
Response: 2842087
Conc: 2.56 ng/ml



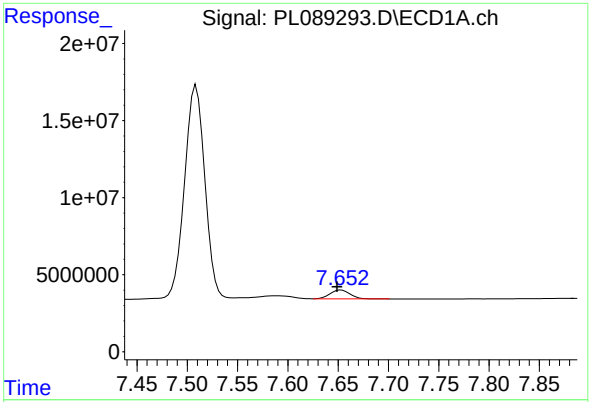
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 194066297
Conc: 197.34 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 175449875
Conc: 219.43 ng/ml



#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 7983131
Conc: 3.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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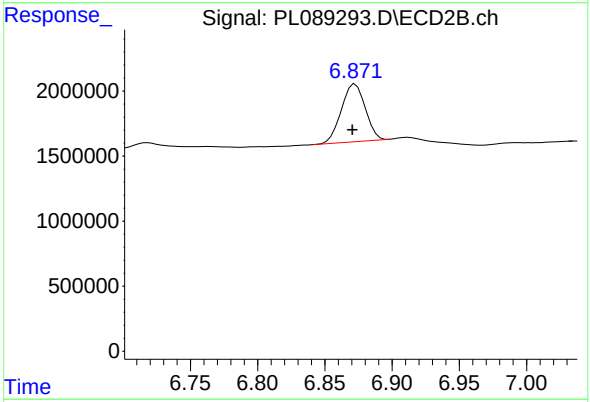
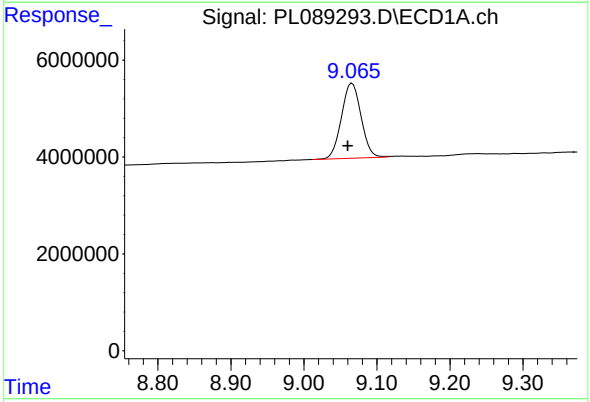


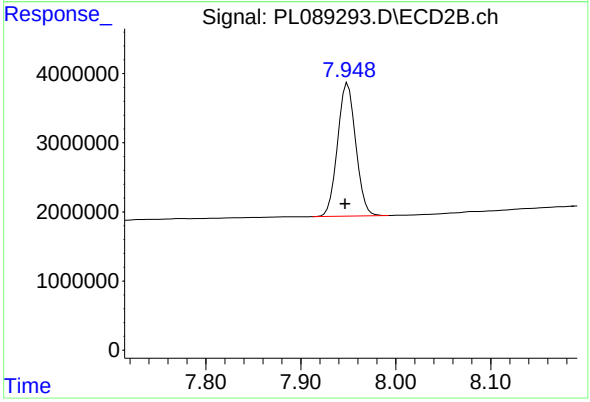
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 5485946
Conc: 3.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 28928365
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 25648502
Conc: 19.07 ng/ml