Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
Data File : PL088512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2024 09:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 11:46:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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...	3.635	2.853	49005335	23811135	17.841	16.977
28)	SA Decachlor...	9.306	8.084	41197102	24291041	21.391	19.077
	Target Compounds						
2)	A alpha-BHC	4.099	3.367	33594562	15871922	8.048	7.724
3)	MA gamma-BHC...	4.438	3.704	32535354	15095298	8.034	7.538
6)	B beta-BHC	4.635	4.006	17138307	8073608	9.840	9.071
12)	B 4,4'-DDE	6.331	5.362	513311	320731	0.169m	0.202
14)	MA Endrin	6.720	5.774	104.7E6	58890900	40.249	39.388
16)	A 4,4'-DDD	6.855	5.924	5869822	2789336	2.263	2.042
17)	MA 4,4'-DDT	7.174	6.179	207.4E6	114.7E6	78.901	83.986
18)	B Endrin al...	7.072	6.254	3067367	1957961	1.483	1.793
20)	A Methoxychlor	7.655	6.763	271.9E6	148.0E6	205.437	188.861
21)	B Endrin ke...	7.801	6.991	7199535	4901866	2.570	2.928

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

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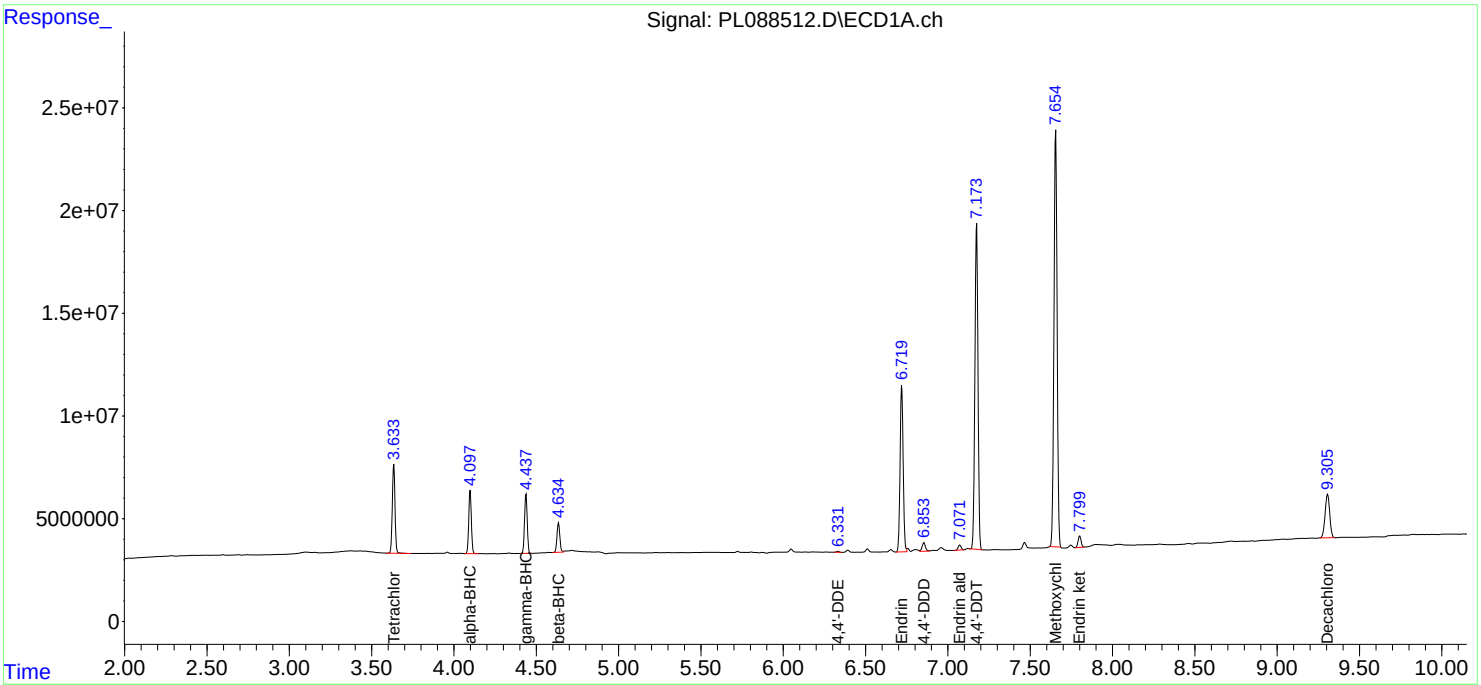

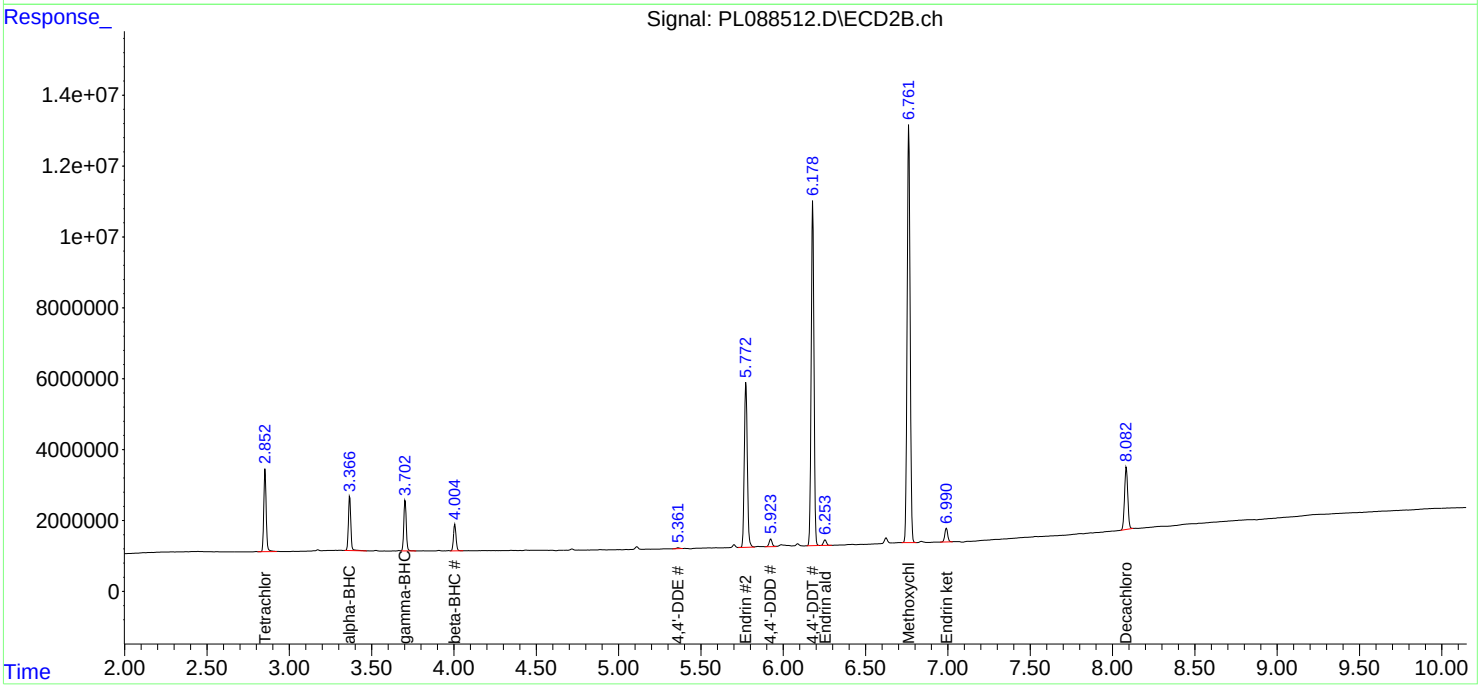

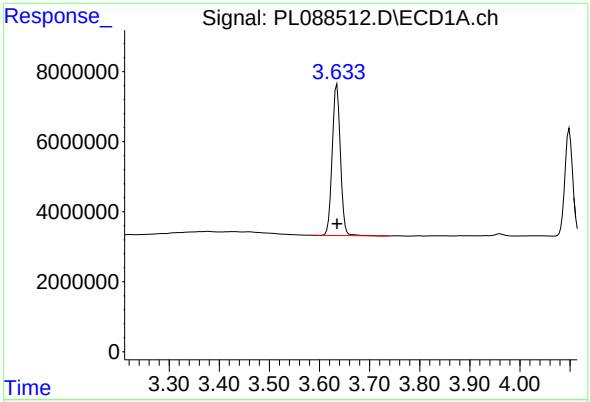

#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 49005335
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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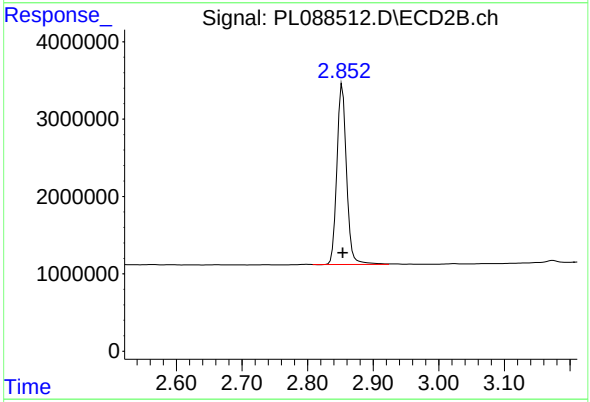
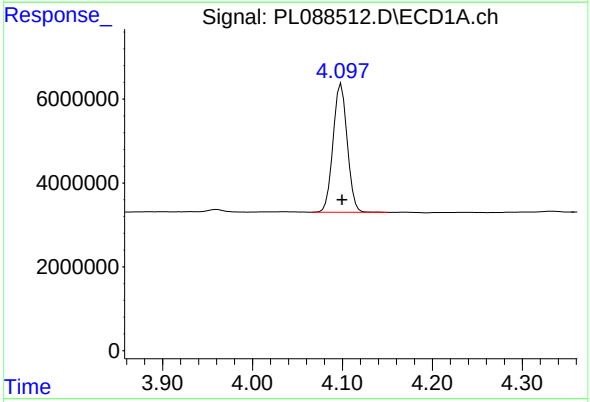


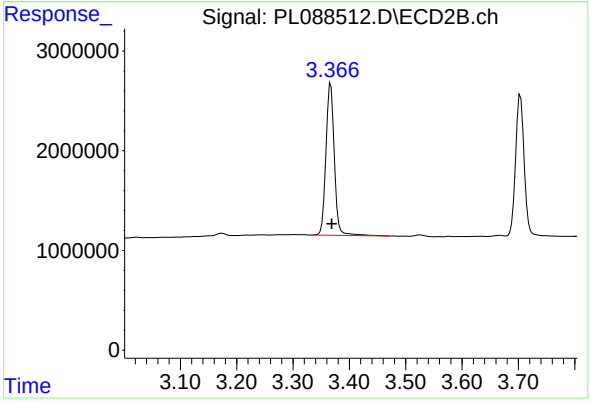
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 23811135
Conc: 16.98 ng/ml



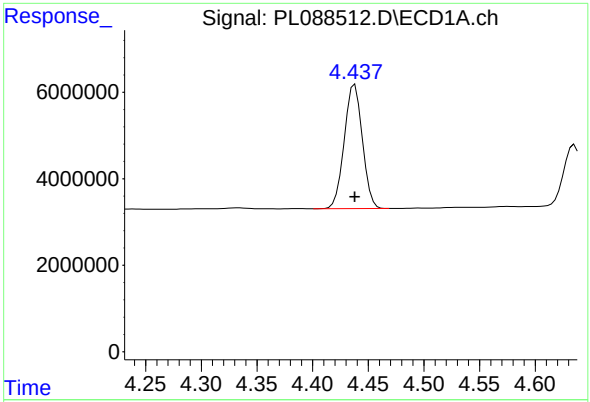
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 33594562
Conc: 8.05 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 15871922
Conc: 7.72 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 32535354
Conc: 8.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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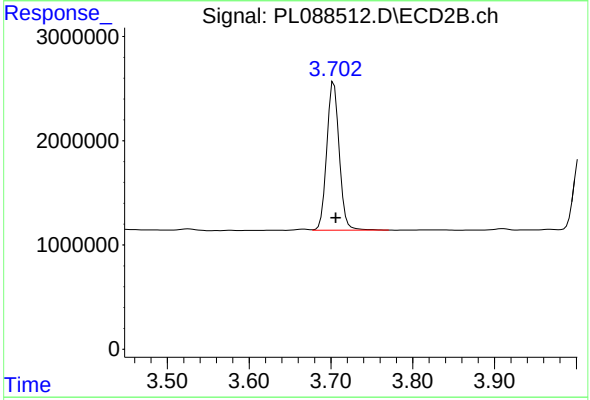
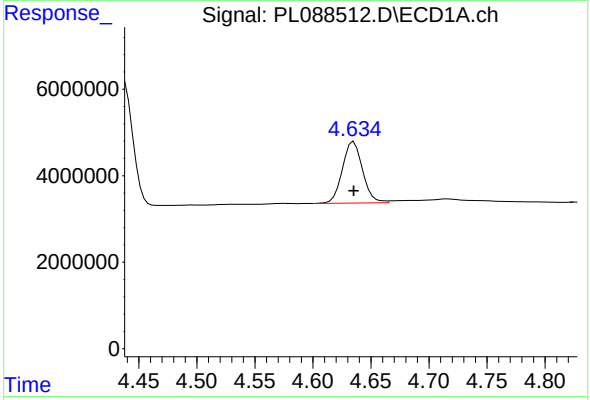


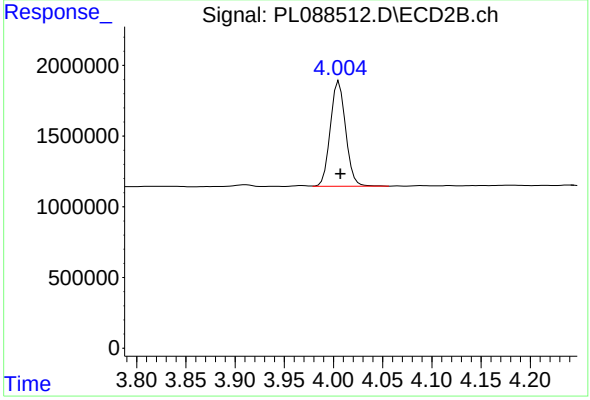
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 15095298
Conc: 7.54 ng/ml



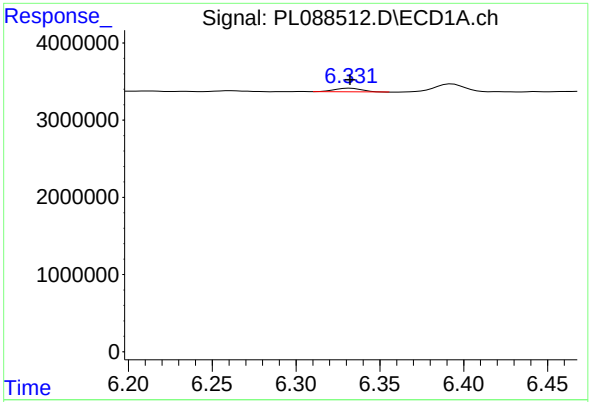
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 17138307
Conc: 9.84 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 8073608
Conc: 9.07 ng/ml



#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 513311
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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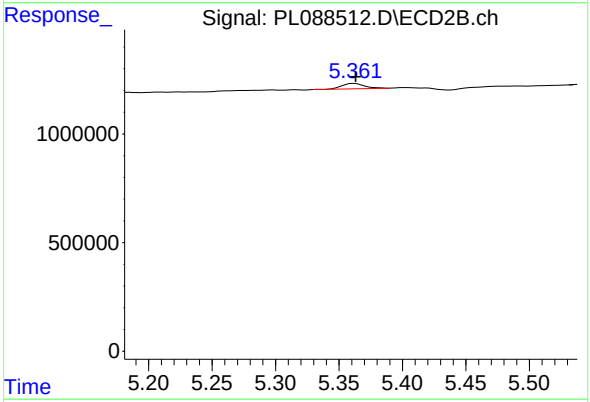
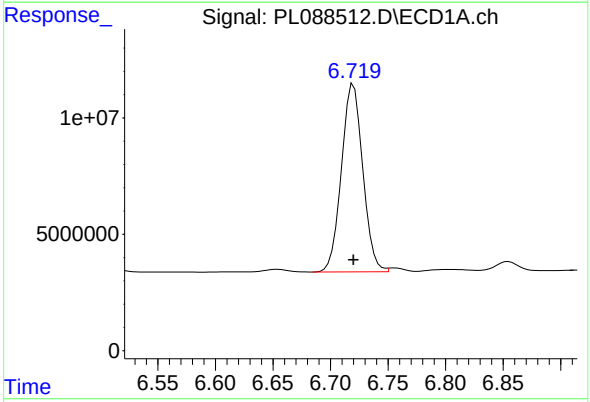


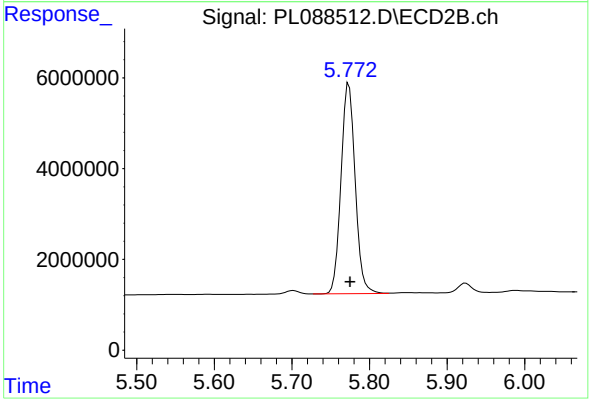
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 320731
Conc: 0.20 ng/ml



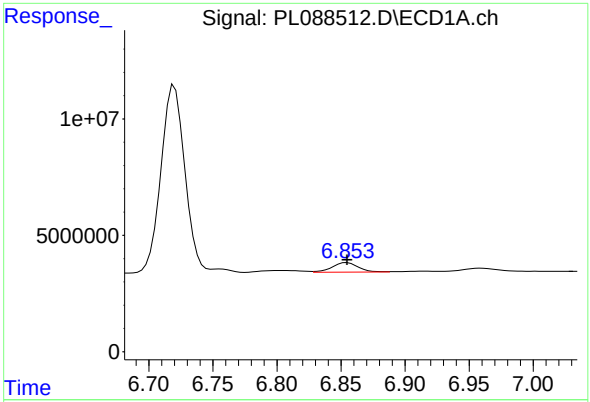
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 104671798
Conc: 40.25 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 58890900
Conc: 39.39 ng/ml



#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 5869822
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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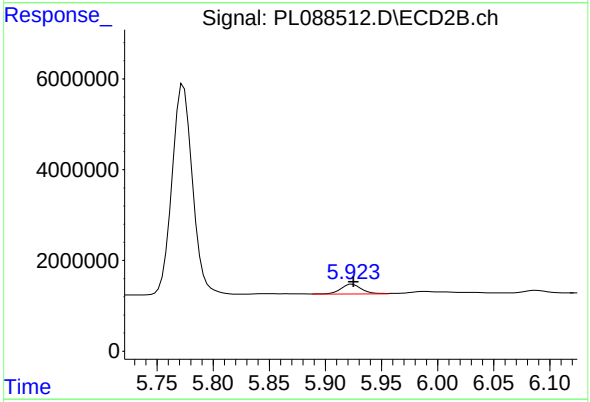
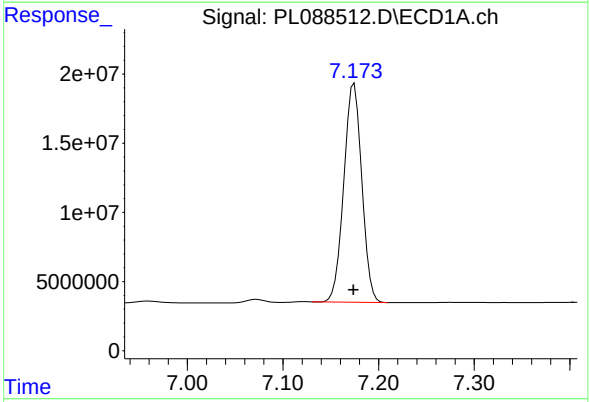


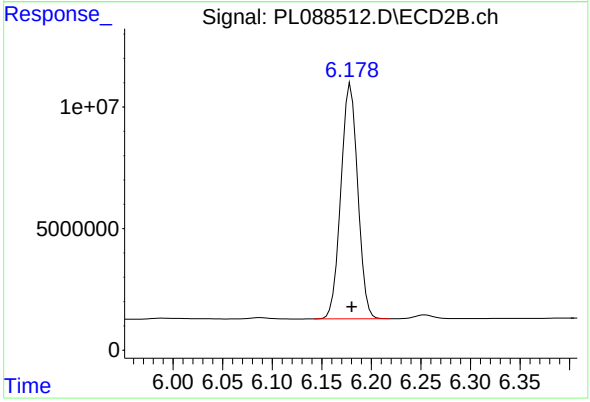
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 2789336
Conc: 2.04 ng/ml



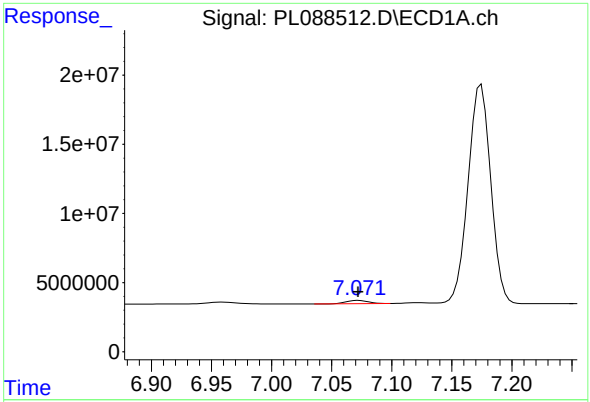
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 207447305
Conc: 78.90 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 114661021
Conc: 83.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 3067367
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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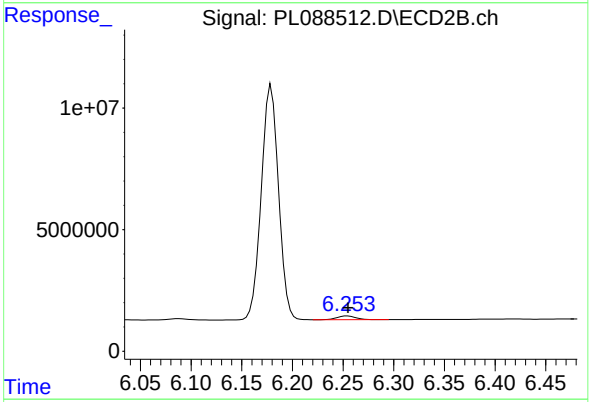
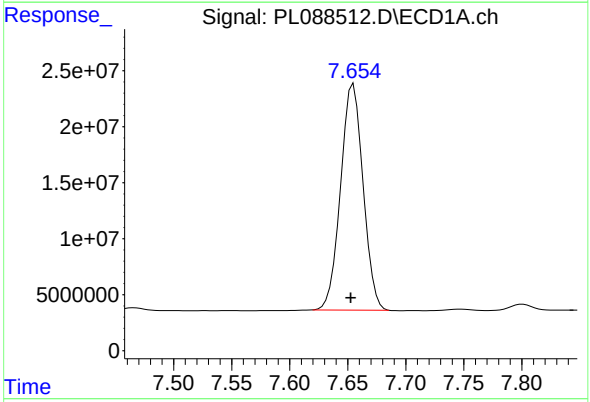


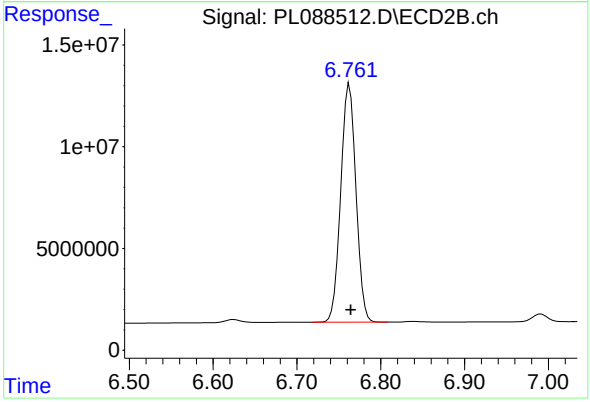
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1957961
Conc: 1.79 ng/ml



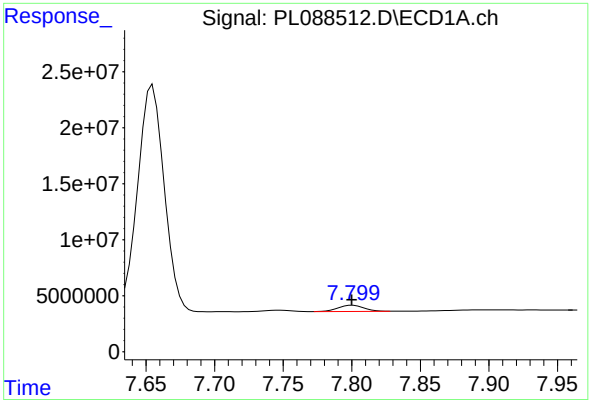
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 271938866
Conc: 205.44 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 148020679
Conc: 188.86 ng/ml



#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 7199535
Conc: 2.57 ng/ml

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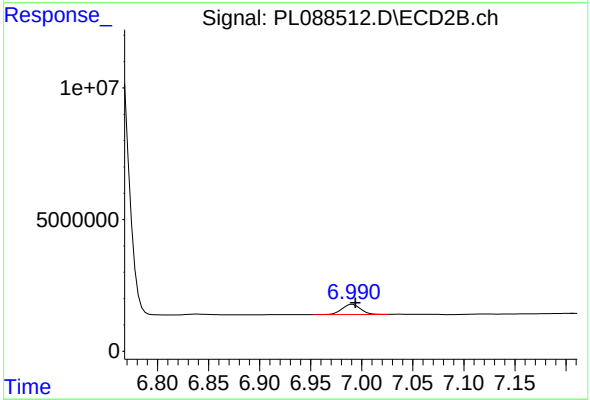
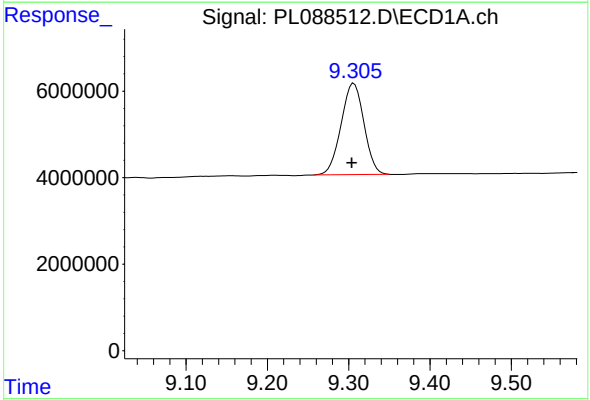


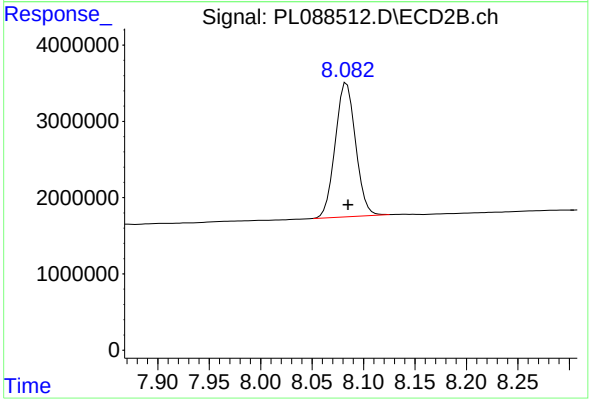
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 4901866
Conc: 2.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.306 min
Delta R.T.: 0.003 min
Response: 41197102
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 24291041
Conc: 19.08 ng/ml