Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110518\
Data File : PL041816.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2018 00:53
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Sohil
11/6/2018 2:05:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 02:34:56 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102918.M
Quant Title : GC Extractables
QLast Update : Tue Oct 30 01:26:00 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.472	4.103	125.2E6	68019647	19.661	22.083
28)	SA Decachlor...	8.213	9.233	123.8E6	47681965	18.691	18.610
	Target Compounds						
2)	A alpha-BHC	3.912	4.499	85645112	48571639	8.815	10.589
3)	MA gamma-BHC...	4.195	4.787	81181478	46574462	9.087	10.986
6)	B beta-BHC	4.448	4.956	38961257	18755960	10.337	10.921
12)	B 4,4'-DDE	5.630	6.461	2411218	1609695	0.337	0.492m#
14)	MA Endrin	6.019	6.838	328.9E6	142.4E6	44.966	52.388
16)	A 4,4'-DDD	6.147	6.954	24160818	14247027	4.158	5.722 #
17)	MA 4,4'-DDT	6.385	7.255	594.5E6	261.7E6	97.717	104.091
18)	B Endrin al...	6.461	7.170	8165603	3330409	1.483	1.522
20)	A Methoxychlor	6.932	7.711	772.1E6	309.4E6	229.693	238.796
21)	B Endrin ke...	7.163	7.868	19418417	6985606	2.690	2.654

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

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Misc :
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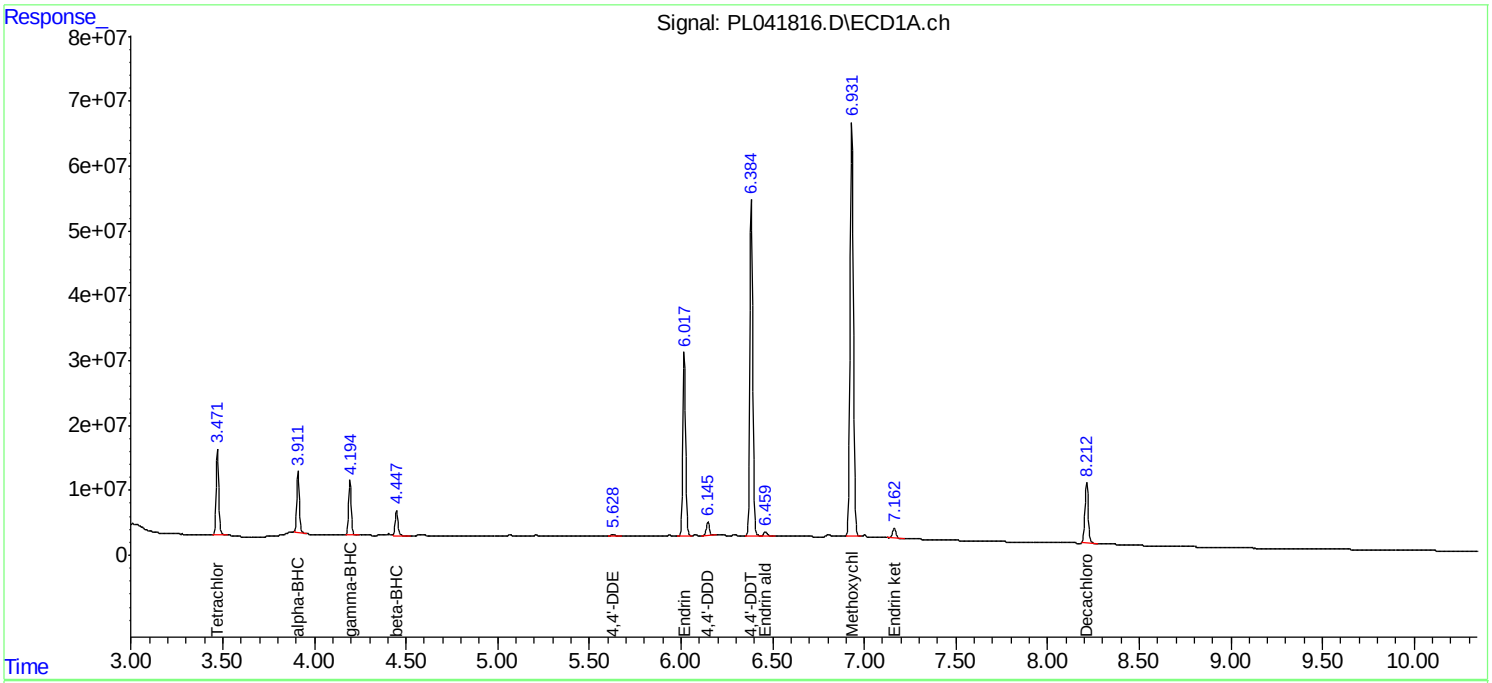

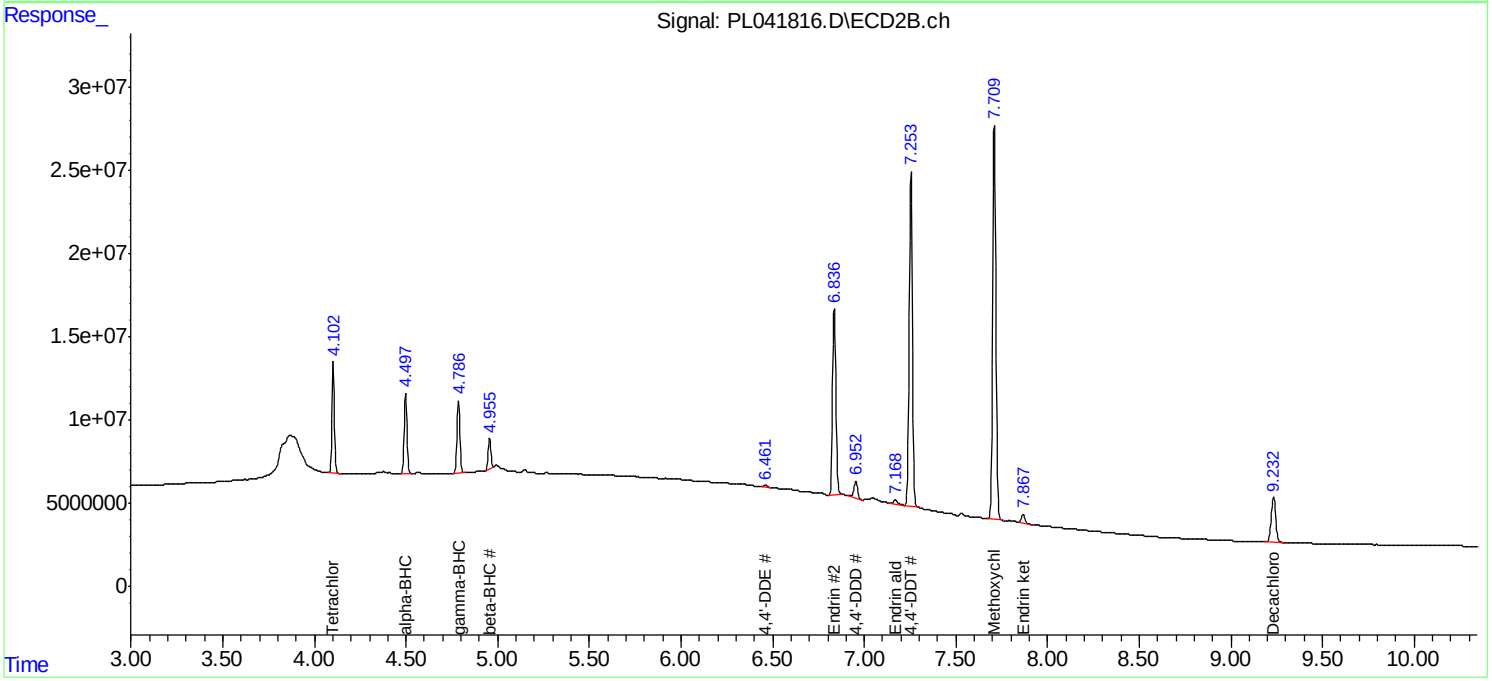

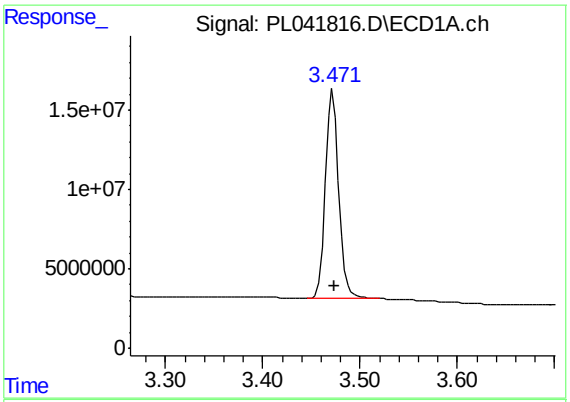

#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.002 min
Response: 125245055
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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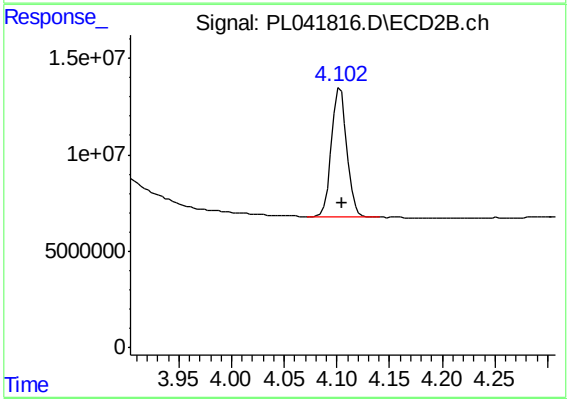
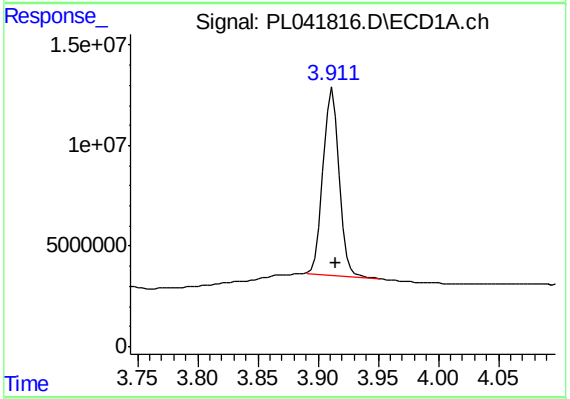


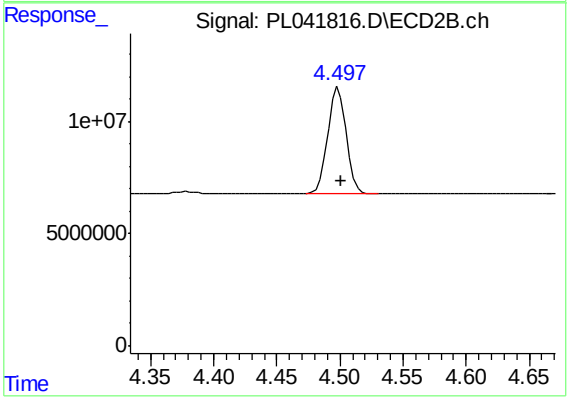
#1 Tetrachloro-m-xylene

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 68019647
Conc: 22.08 ng/ml



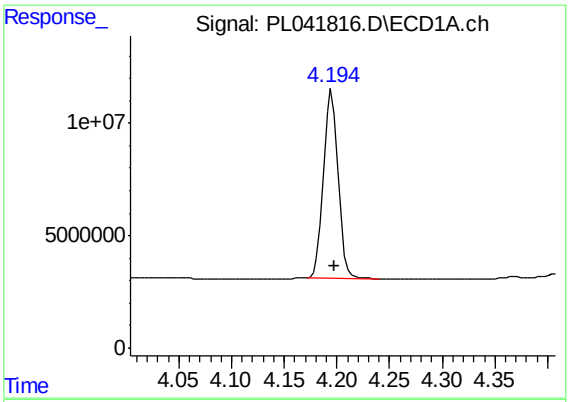
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 85645112
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 48571639
Conc: 10.59 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 81181478
Conc: 9.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
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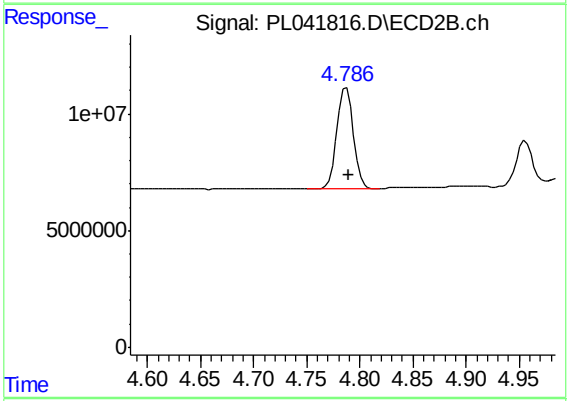
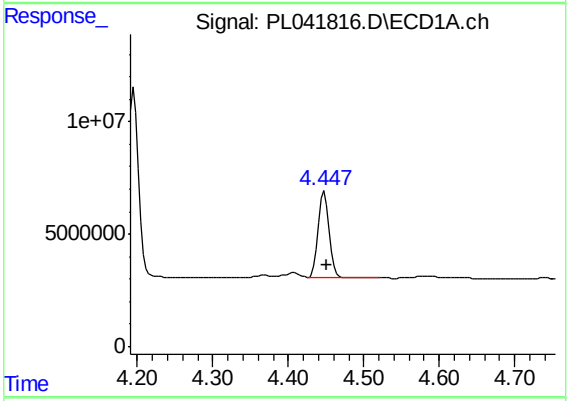


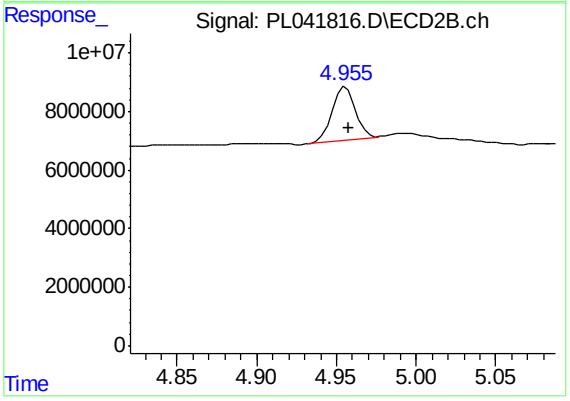
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: -0.002 min
Response: 46574462
Conc: 10.99 ng/ml



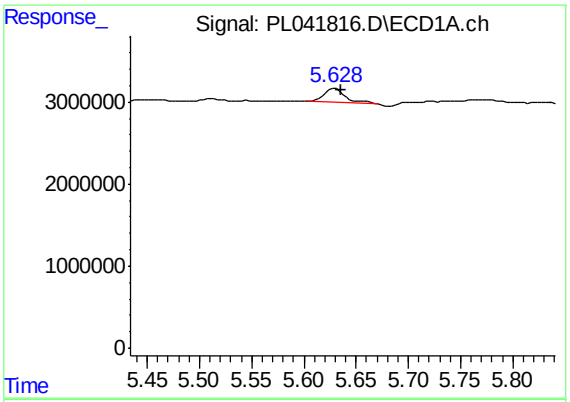
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 38961257
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 4.956 min
Delta R.T.: -0.001 min
Response: 18755960
Conc: 10.92 ng/ml



#12 4,4'-DDE

R.T.: 5.630 min
Delta R.T.: -0.006 min
Response: 2411218
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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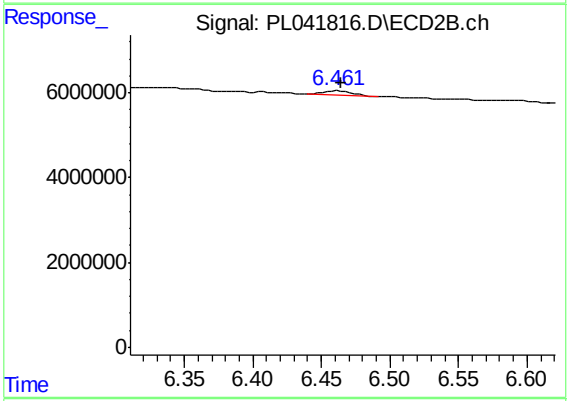
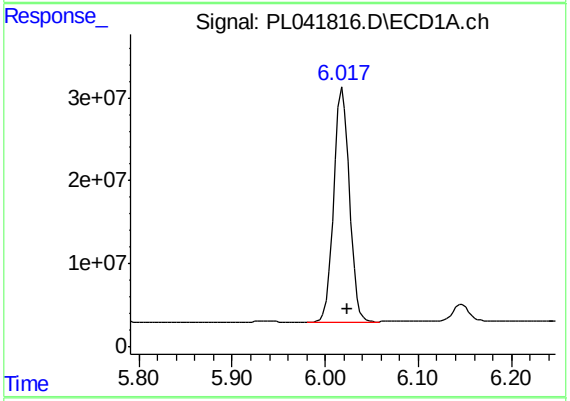


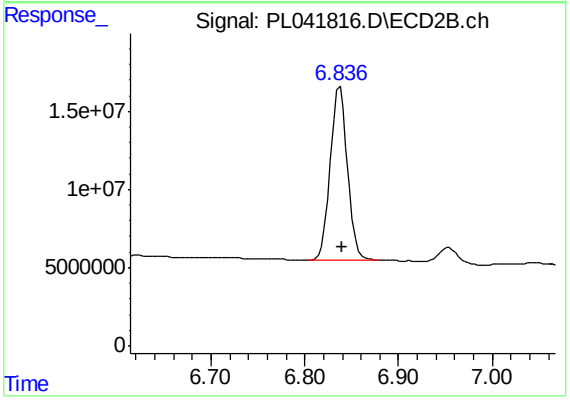
#12 4,4'-DDE

R.T.: 6.461 min
Delta R.T.: -0.004 min
Response: 1609695
Conc: 0.49 ng/ml m



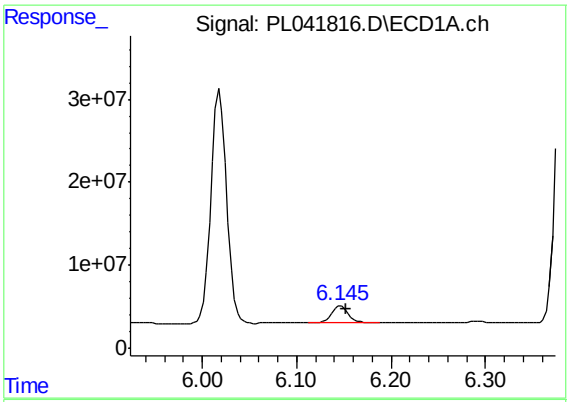
#14 Endrin

R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 328886651
Conc: 44.97 ng/ml



#14 Endrin

R.T.: 6.838 min
Delta R.T.: -0.003 min
Response: 142418642
Conc: 52.39 ng/ml



#16 4,4'-DDD

R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 24160818
Conc: 4.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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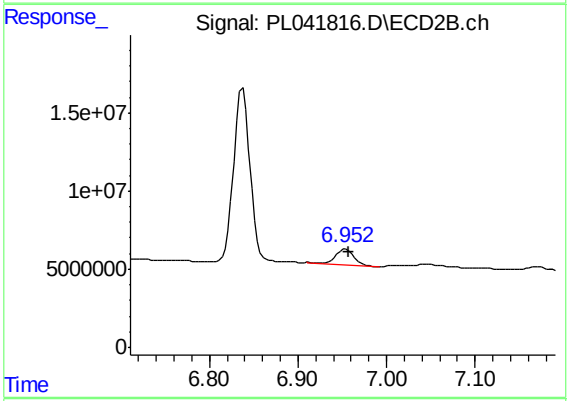
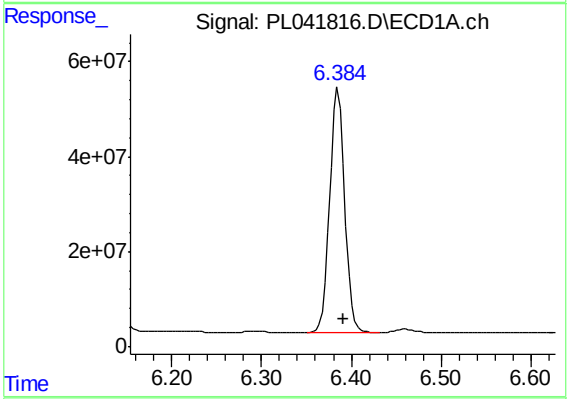


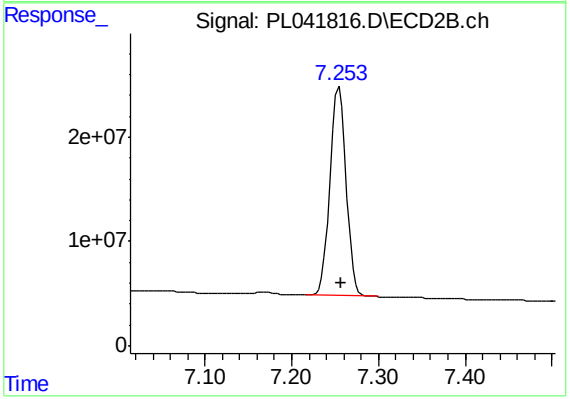
#16 4,4'-DDD

R.T.: 6.954 min
Delta R.T.: -0.003 min
Response: 14247027
Conc: 5.72 ng/ml



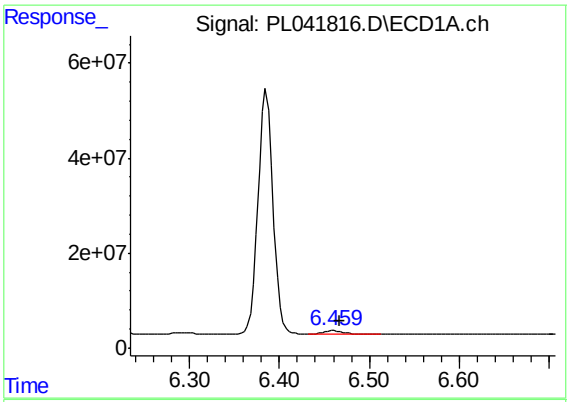
#17 4,4'-DDT

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 594486192
Conc: 97.72 ng/ml



#17 4,4'-DDT

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 261686018
Conc: 104.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 8165603
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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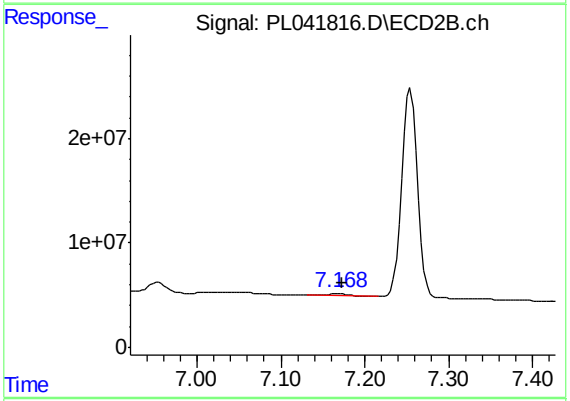
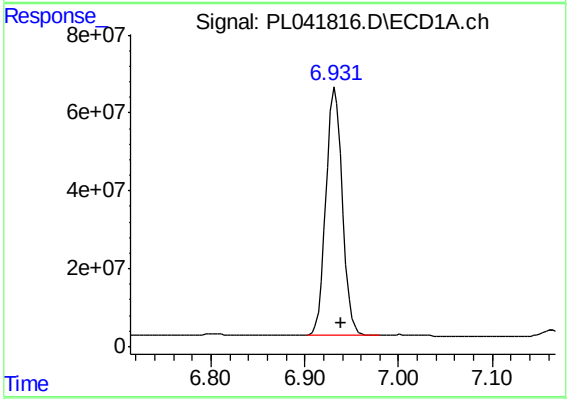


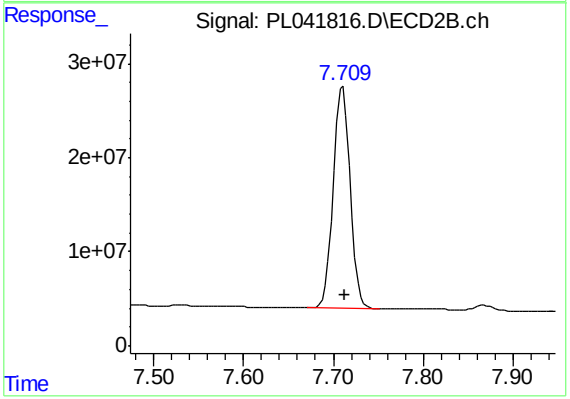
#18 Endrin aldehyde

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 3330409
Conc: 1.52 ng/ml



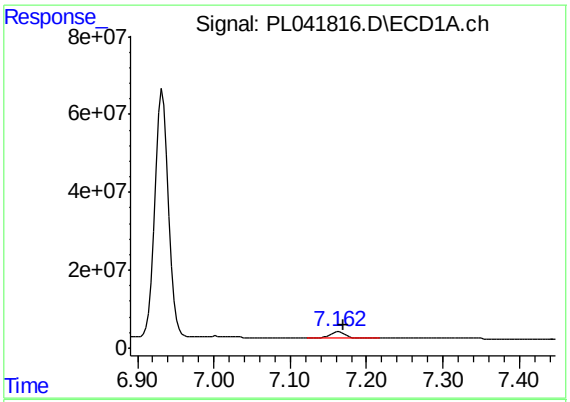
#20 Methoxychlor

R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 772116650
Conc: 229.69 ng/ml



#20 Methoxychlor

R.T.: 7.711 min
Delta R.T.: -0.002 min
Response: 309362811
Conc: 238.80 ng/ml

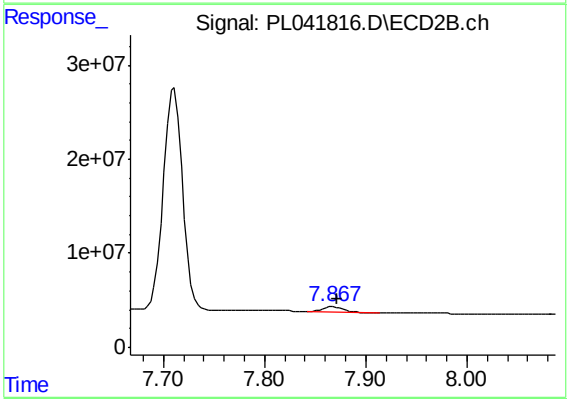


#21 Endrin ketone

R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 19418417
Conc: 2.69 ng/ml

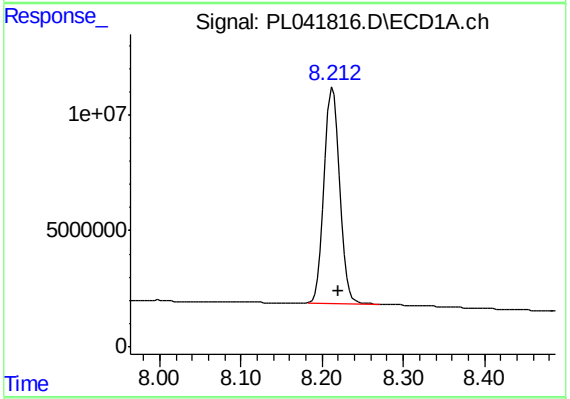
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Sohil
11/6/2018 2:05:21 PM



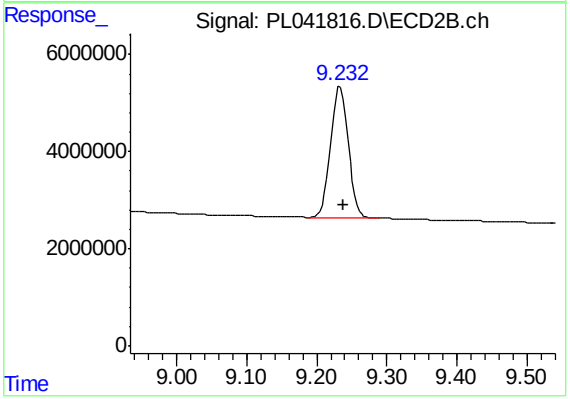
#21 Endrin ketone

R.T.: 7.868 min
Delta R.T.: -0.003 min
Response: 6985606
Conc: 2.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 123809580
Conc: 18.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.233 min
Delta R.T.: -0.004 min
Response: 47681965
Conc: 18.61 ng/ml