

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
 Data File : PL045929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2019 19:28
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 3/15/2019 11:37:52 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 01:12:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 2019
 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...	3.362	3.981	140.9E6	45188597	20.486	21.101
28)	SA Decachlor...	8.043	9.038	174.3E6	50023609	20.832	21.893
Target Compounds							
2)	A alpha-BHC	3.791	4.370	98554396	28700085	8.873	9.445
3)	MA gamma-BHC...	4.069	4.655	94137968	28261777	9.314	10.006
6)	B beta-BHC	4.321	4.827	45347818	13944972	10.580	10.981
14)	MA Endrin	5.859	6.683	437.5E6	111.9E6	48.577	49.181
16)	A 4,4'-DDD	5.992	6.807	26382554	7551300	3.603	3.927
17)	MA 4,4'-DDT	6.227	7.106	776.0E6	206.6E6	103.461	104.669
18)	B Endrin al...	6.300	7.017	8665661	1899557	1.186	0.929
20)	A Methoxychlor	6.773	7.562	1027.8E6	289.8E6	234.029	236.101m
21)	B Endrin ke...	6.993	7.709	38967408	5823992	4.230m	2.449 #

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

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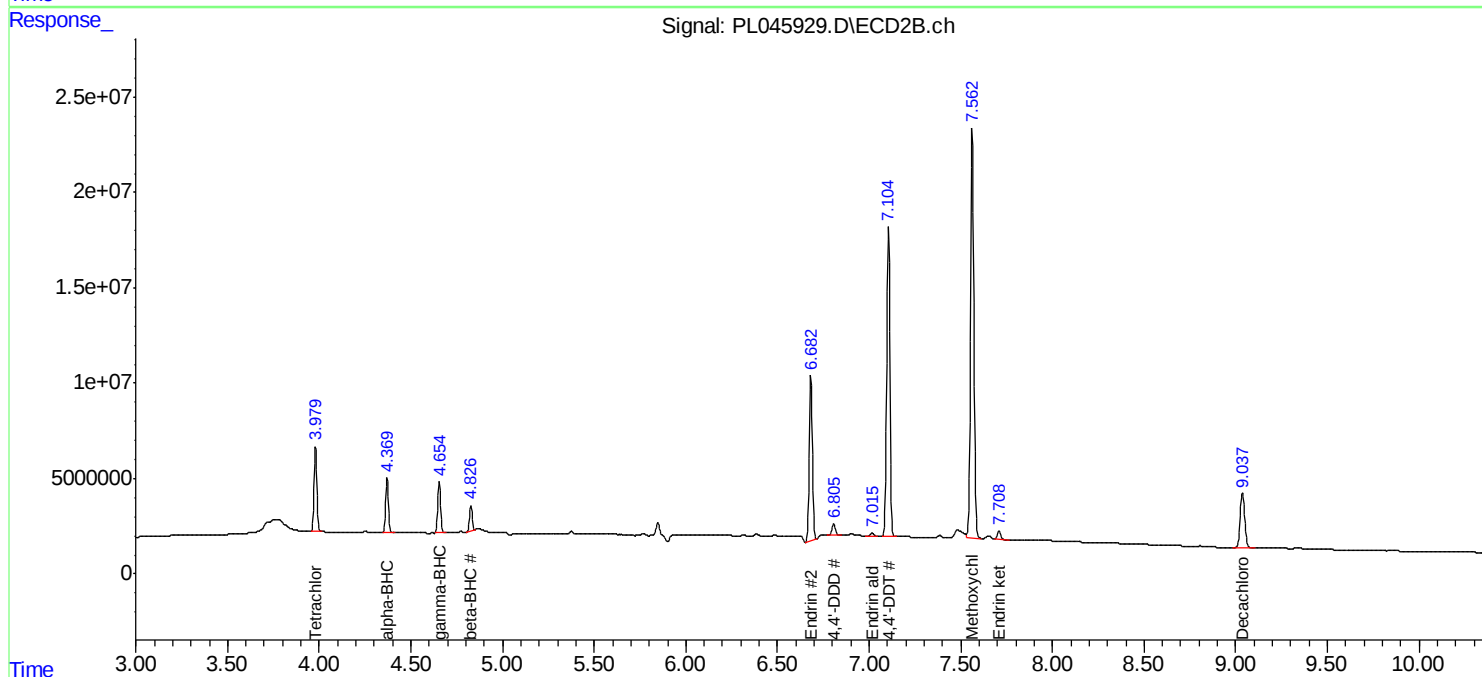
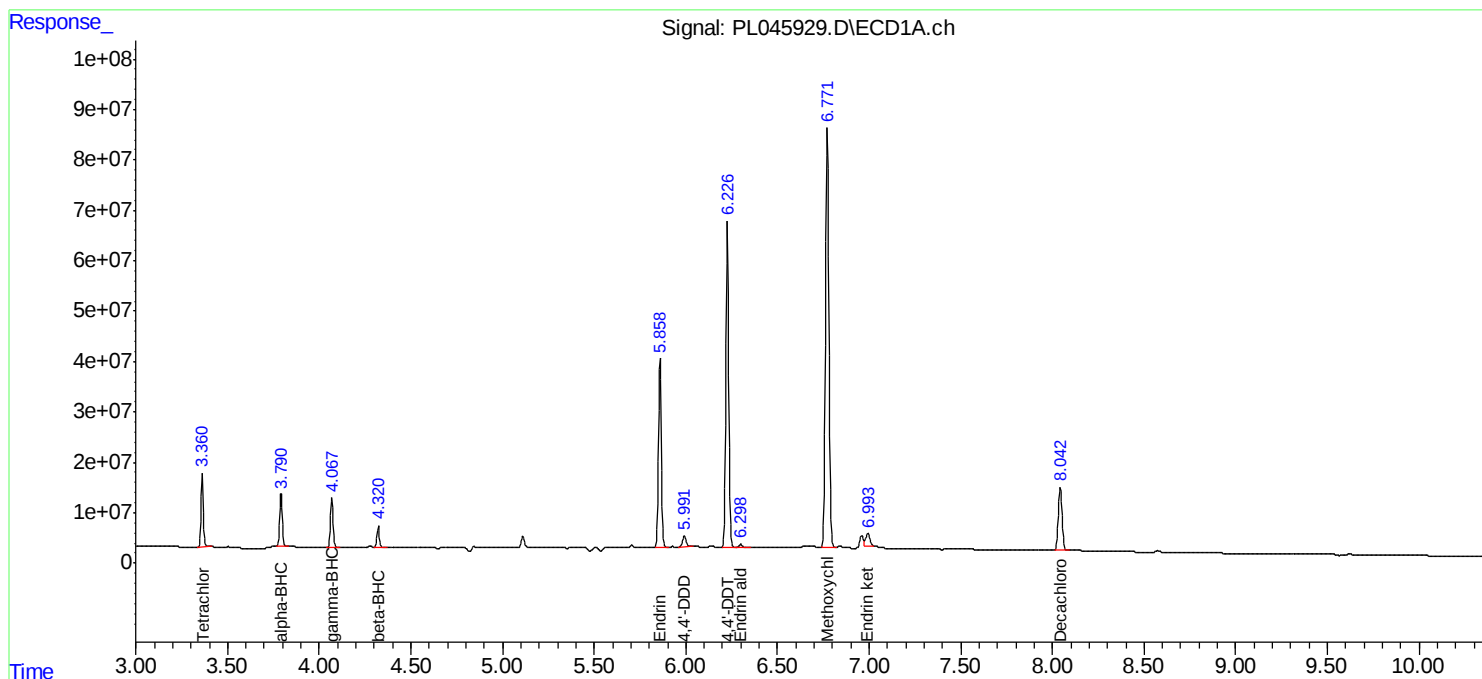
Instrument :
ECD_L
ClientSampleId :
PEM

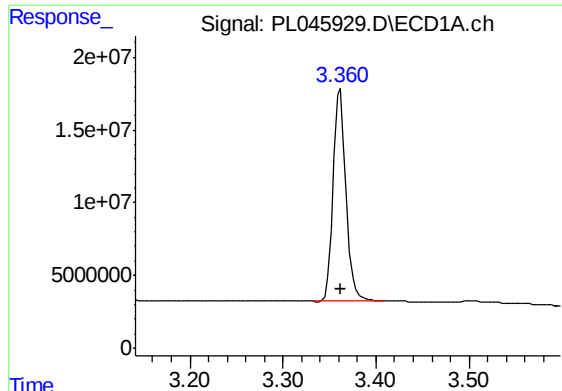
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Integration File signal 1: autoint1.e
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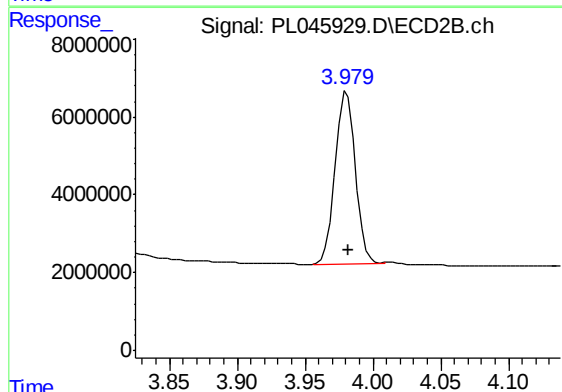
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: -0.001 min
Response: 140929755
Conc: 20.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

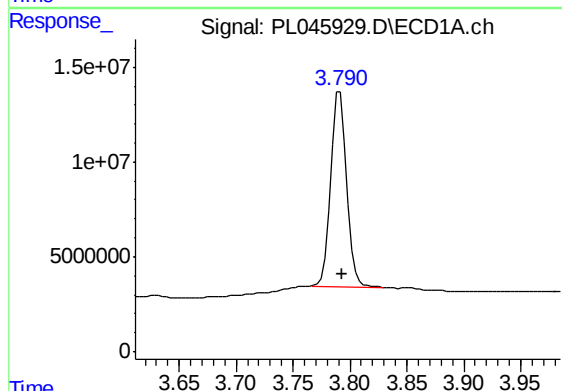
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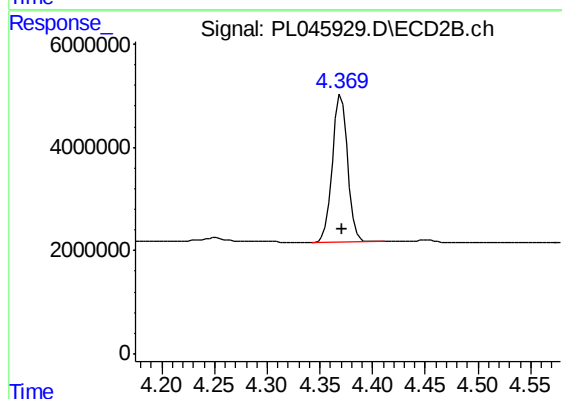
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 45188597
Conc: 21.10 ng/ml



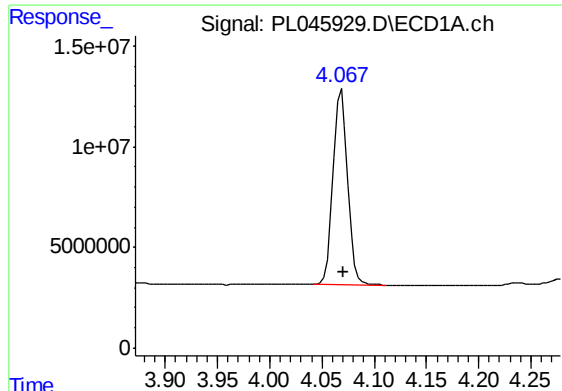
#2 alpha-BHC

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 98554396
Conc: 8.87 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 28700085
Conc: 9.44 ng/ml



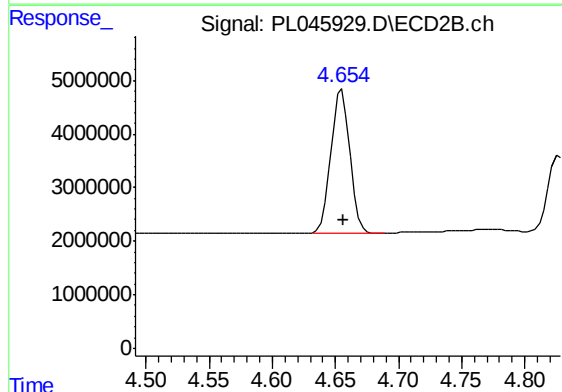
#3 gamma-BHC (Lindane)

R.T.: 4.069 min
Delta R.T.: -0.002 min
Response: 94137968
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

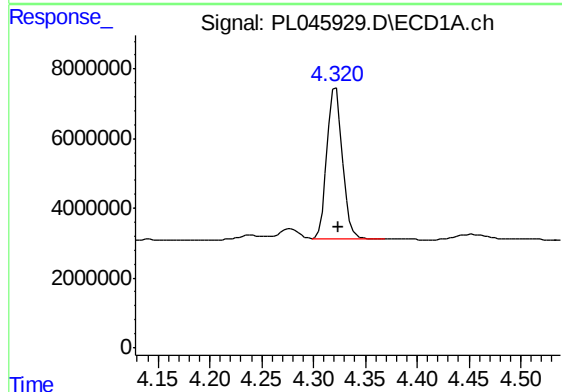
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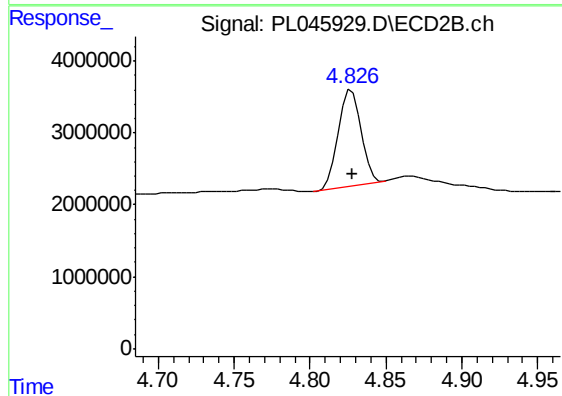
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 28261777
Conc: 10.01 ng/ml



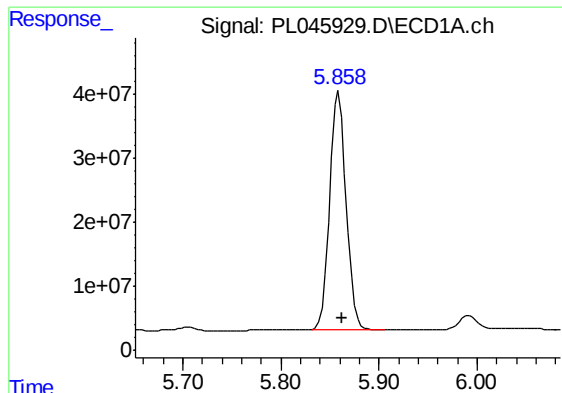
#6 beta-BHC

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 45347818
Conc: 10.58 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 13944972
Conc: 10.98 ng/ml



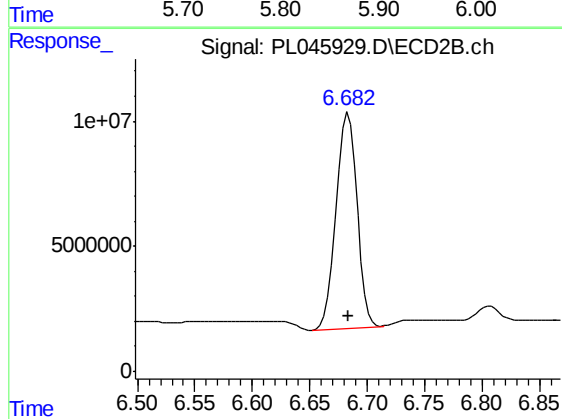
#14 Endrin

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 437475822
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

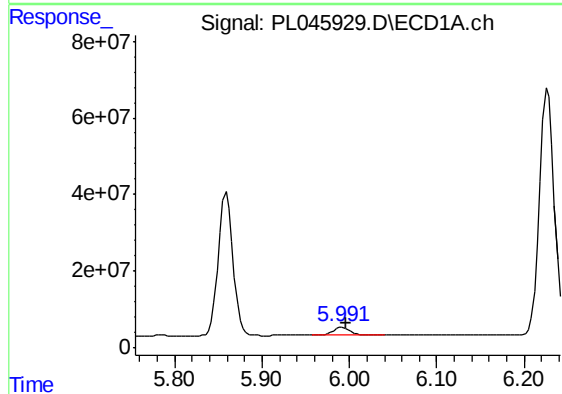
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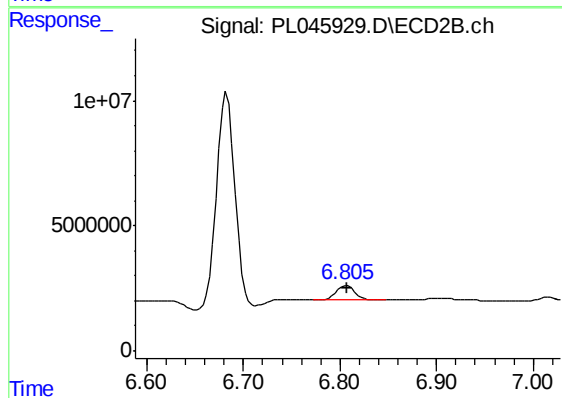
#14 Endrin

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 111900715
Conc: 49.18 ng/ml



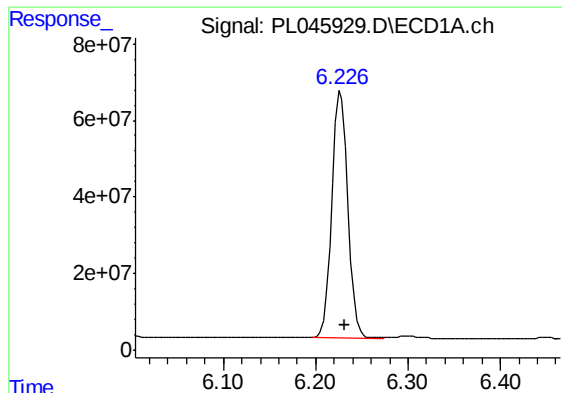
#16 4,4'-DDD

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 26382554
Conc: 3.60 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 7551300
Conc: 3.93 ng/ml



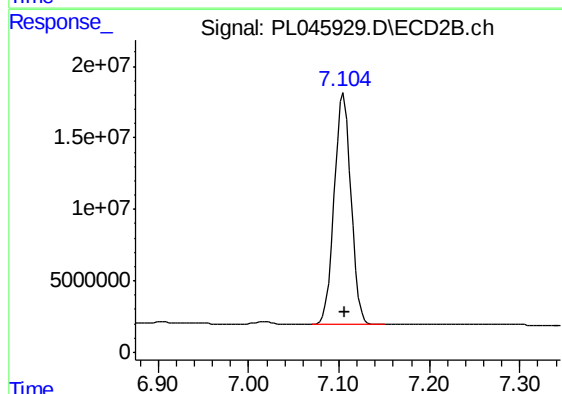
#17 4,4'-DDT

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 775967133
Conc: 103.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

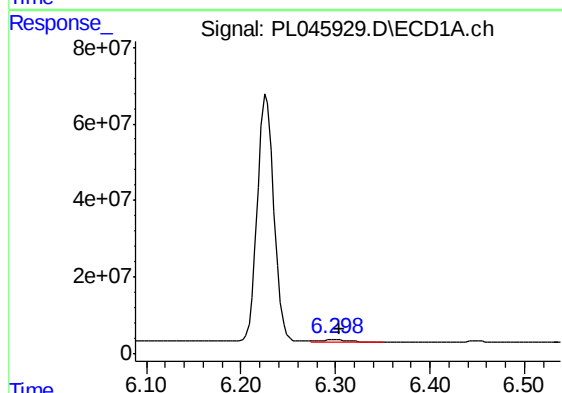
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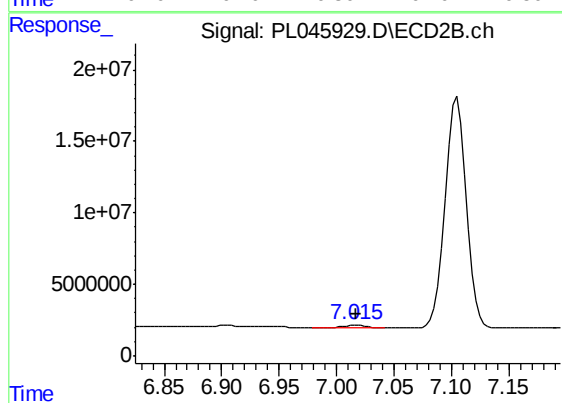
#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 206557858
Conc: 104.67 ng/ml



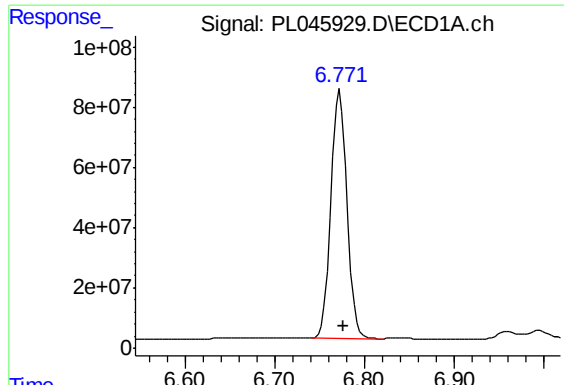
#18 Endrin aldehyde

R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 8665661
Conc: 1.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 1899557
Conc: 0.93 ng/ml



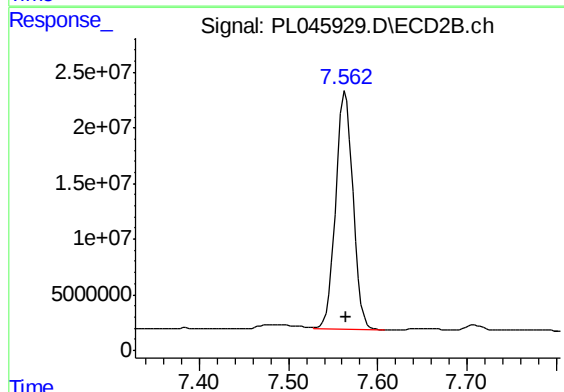
#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 1027791363
Conc: 234.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

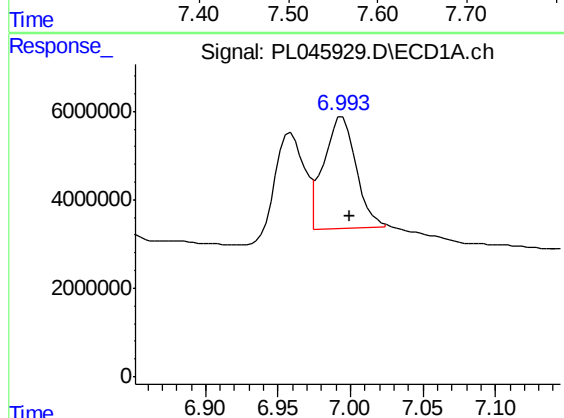
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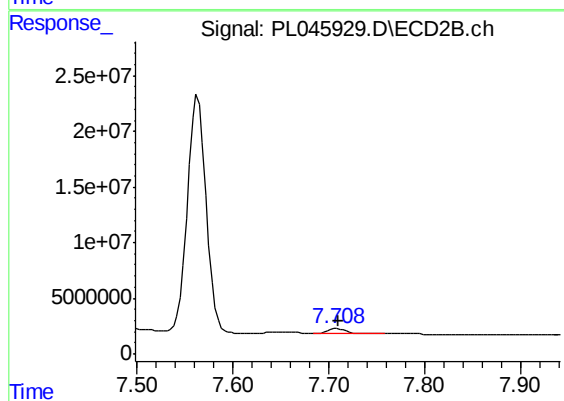
#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: -0.002 min
Response: 289794872
Conc: 236.10 ng/ml m



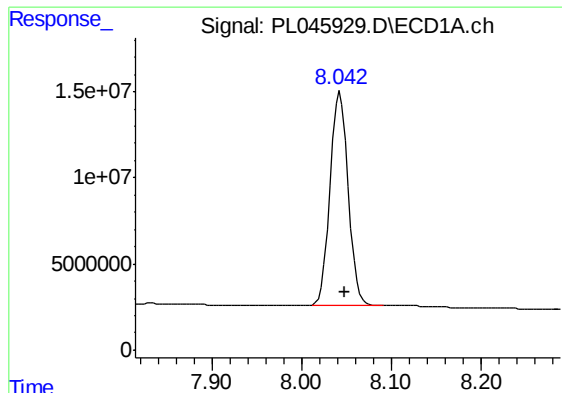
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 38967408
Conc: 4.23 ng/ml m



#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 5823992
Conc: 2.45 ng/ml



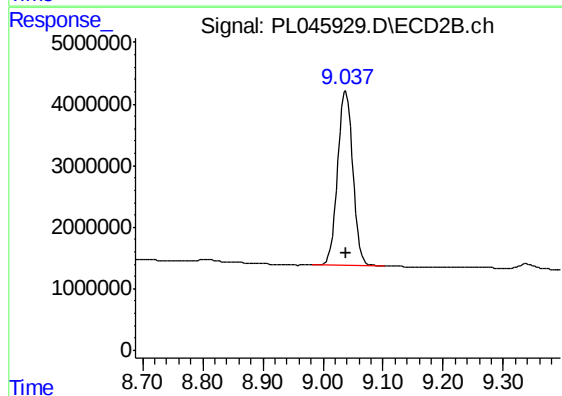
#28 Decachlorobiphenyl

R.T.: 8.043 min
Delta R.T.: -0.004 min
Response: 174314003
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 50023609
Conc: 21.89 ng/ml