

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011899.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 16:44
 Operator : YP\AJ
 Sample : 02845-25
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 00:43:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.927	5821300	37.193 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
12) S 1-chlorooctadecane (S...	12.365	3882077	32.738 ug/ml
Spiked Amount 50.000		Recovery =	65.48%
Target Compounds			
7) T n-Hexadecane (C16)	9.188	179098	1.379 ug/ml
8) T n-Octadecane (C18)	10.625	50593	0.372 ug/ml
10) T n-Eicosane (C20)	11.984f	26225	0.194 ug/ml
11) T n-Heneicosane (C21)	12.548	245868	1.829 ug/ml
13) T n-Docosane (C22)	13.153	83123	0.615 ug/ml
14) T n-Tetracosane (C24)	14.222	44160	0.324 ug/ml
15) T n-Hexacosane (C26)	15.245	41168	0.308 ug/ml
16) T n-Octacosane (C28)	16.196	103236	0.791 ug/ml
17) T n-Tricontane (C30)	17.085	193380	1.466 ug/ml
18) T n-Dotriacontane (C32)	17.909	432341	3.365 ug/ml
19) T n-Tetratriacontane (C34)	18.700	171323	1.398 ug/ml
20) T n-Hexatriacontane (C36)	19.445	195514	1.681 ug/ml

(f)=RT Delta > 1/2 Window

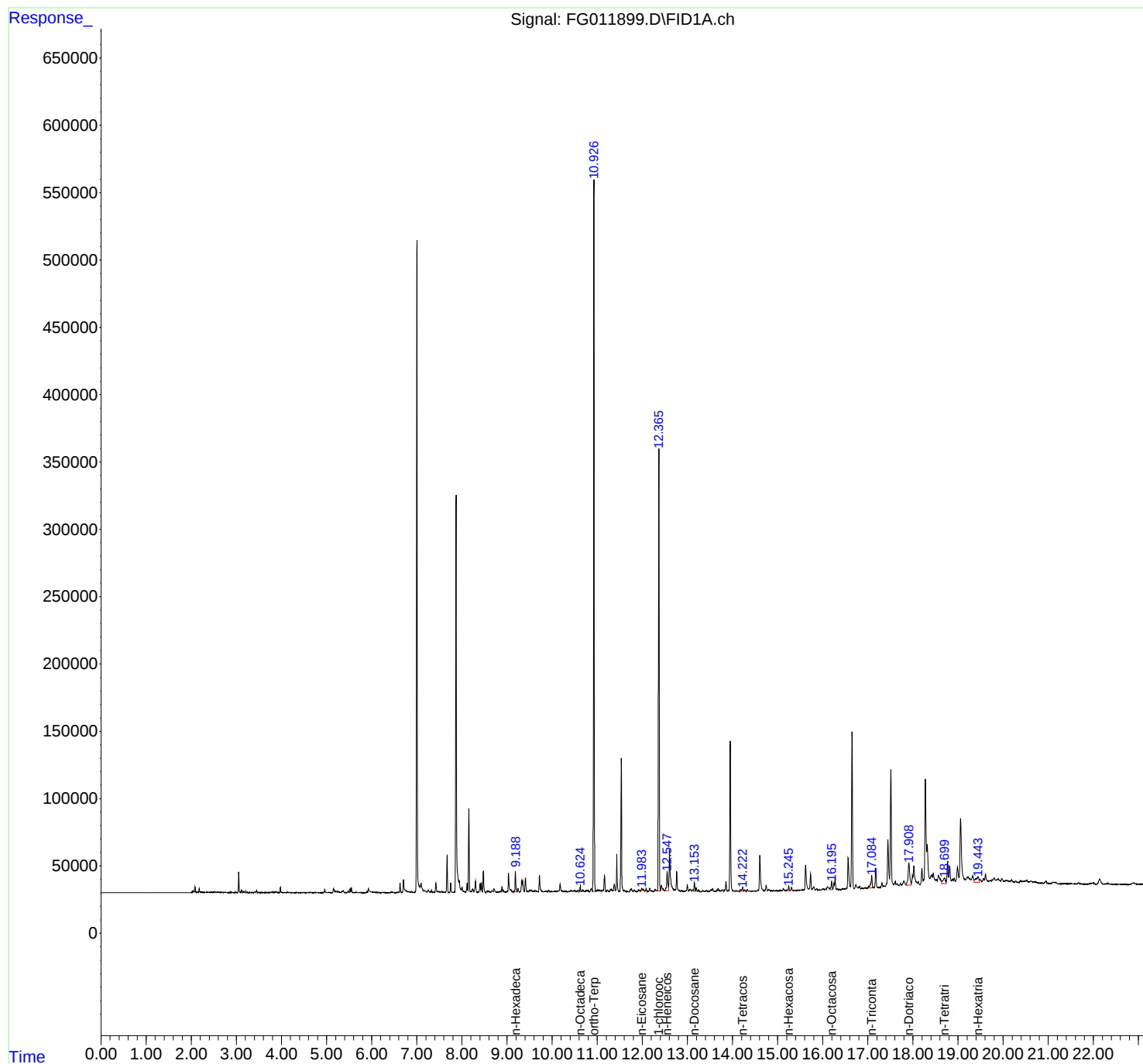
(m)=manual int.

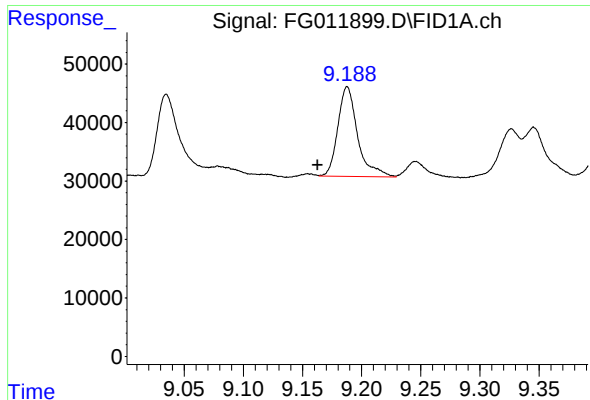
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
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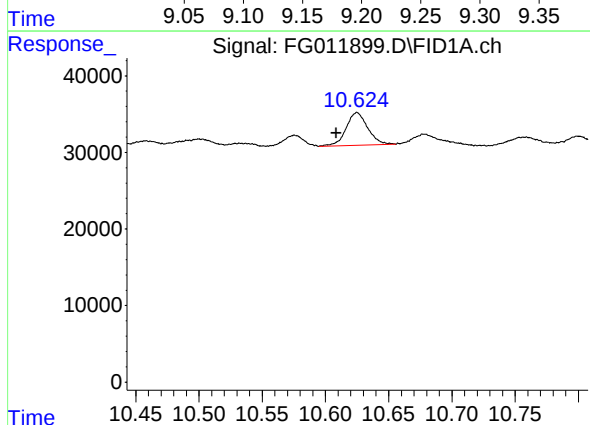




#7 n-Hexadecane (C16)

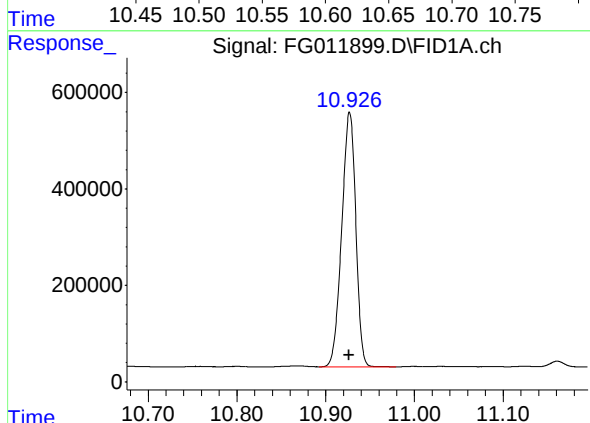
R.T.: 9.188 min
Delta R.T.: 0.025 min
Response: 179098
Conc: 1.38 ug/ml

Instrument :
FID_G
ClientSampleId :



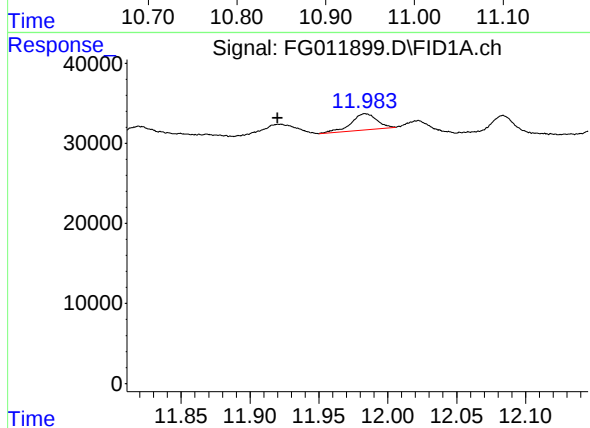
#8 n-Octadecane (C18)

R.T.: 10.625 min
Delta R.T.: 0.016 min
Response: 50593
Conc: 0.37 ug/ml



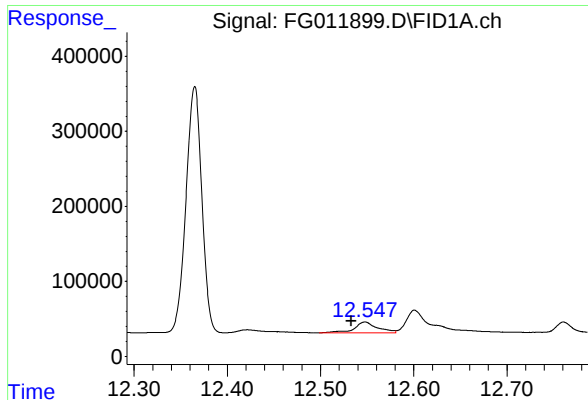
#9 ortho-Terphenyl (SURR)

R.T.: 10.927 min
Delta R.T.: 0.001 min
Response: 5821300
Conc: 37.19 ug/ml



#10 n-Eicosane (C20)

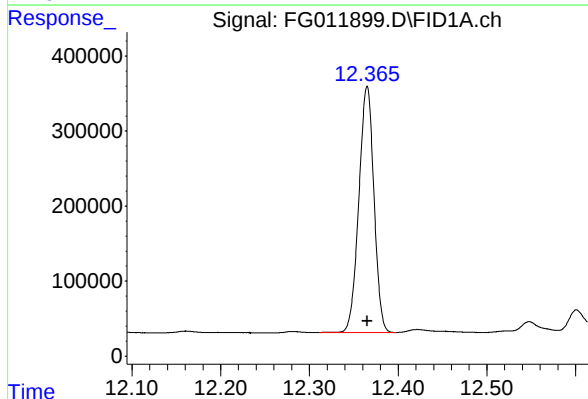
R.T.: 11.984 min
Delta R.T.: 0.064 min
Response: 26225
Conc: 0.19 ug/ml



#11 n-Heneicosane (C21)

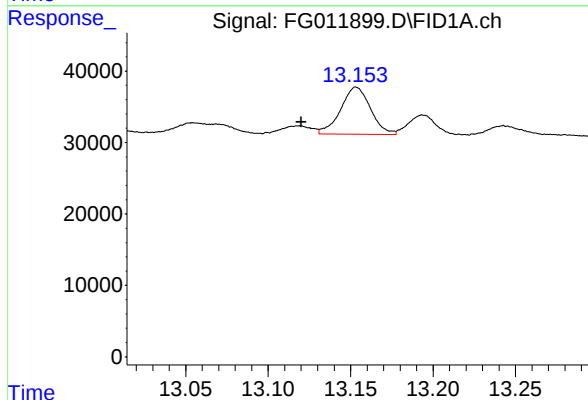
R.T.: 12.548 min
Delta R.T.: 0.015 min
Response: 245868
Conc: 1.83 ug/ml

Instrument :
FID_G
ClientSampleId :



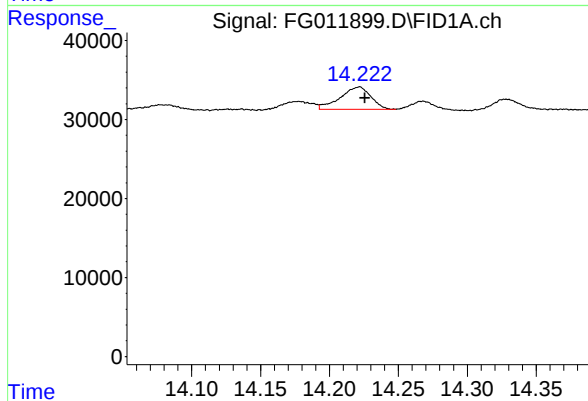
#12 1-chlorooctadecane (SURR)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 3882077
Conc: 32.74 ug/ml



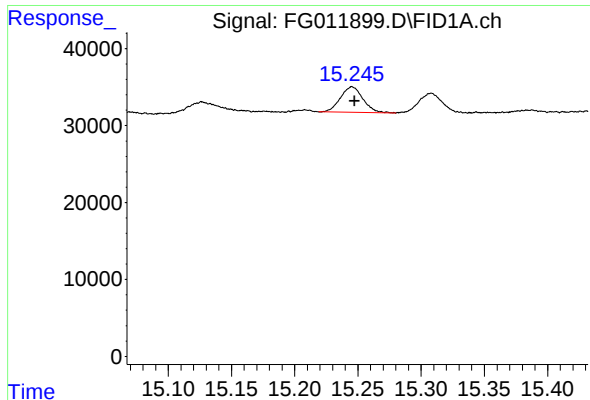
#13 n-Docosane (C22)

R.T.: 13.153 min
Delta R.T.: 0.033 min
Response: 83123
Conc: 0.62 ug/ml



#14 n-Tetracosane (C24)

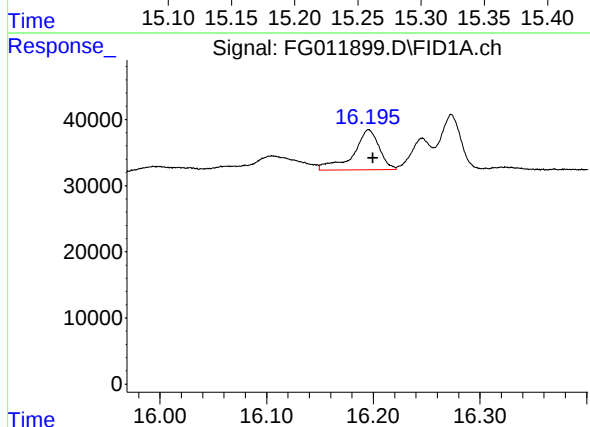
R.T.: 14.222 min
Delta R.T.: -0.004 min
Response: 44160
Conc: 0.32 ug/ml



#15 n-Hexacosane (C26)

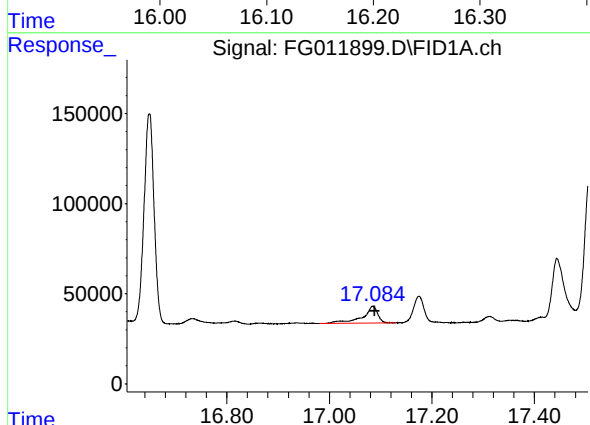
R.T.: 15.245 min
Delta R.T.: -0.002 min
Response: 41168
Conc: 0.31 ug/ml

Instrument :
FID_G
ClientSampleId :



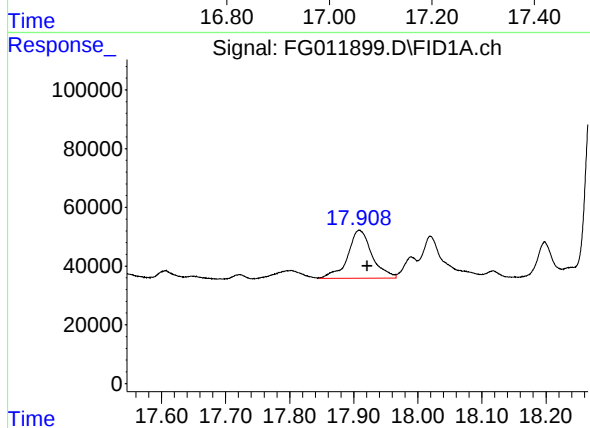
#16 n-Octacosane (C28)

R.T.: 16.196 min
Delta R.T.: -0.004 min
Response: 103236
Conc: 0.79 ug/ml



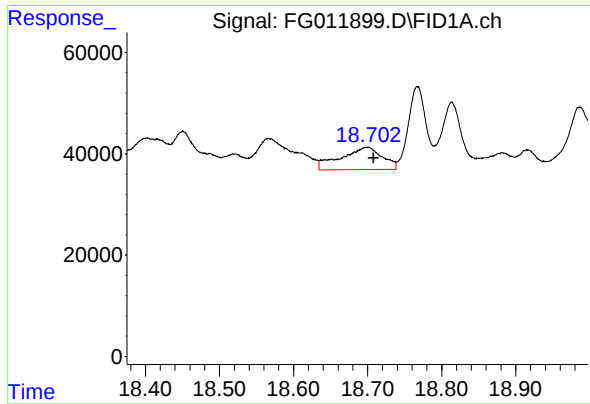
#17 n-Tricontane (C30)

R.T.: 17.085 min
Delta R.T.: -0.004 min
Response: 193380
Conc: 1.47 ug/ml



#18 n-Dotriacontane (C32)

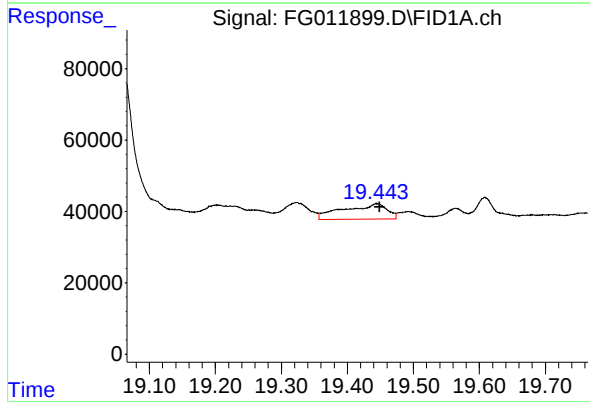
R.T.: 17.909 min
Delta R.T.: -0.012 min
Response: 432341
Conc: 3.37 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.700 min
Delta R.T.: -0.008 min
Response: 171323
Conc: 1.40 ug/ml

Instrument :
FID_G
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.445 min
Delta R.T.: -0.004 min
Response: 195514
Conc: 1.68 ug/ml