

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072023AL\
 Data File : FG012492.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 08:40
 Operator : YP\AJ
 Sample : 03659-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 01:48:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.883	5798636	37.109 ug/ml
Spiked Amount 50.000		Recovery =	74.22%
12) S 1-chlorooctadecane (S...	12.321	9046024	78.050 ug/ml
Spiked Amount 50.000		Recovery =	156.10%
Target Compounds			
6) T n-Tetradecane (C14)	7.520	83189	0.651 ug/ml
7) T n-Hexadecane (C16)	9.121	139295	1.045 ug/ml
8) T n-Octadecane (C18)	10.563	163439	1.177 ug/ml
10) T n-Eicosane (C20)	11.872	102540	0.758 ug/ml
11) T n-Heneicosane (C21)	12.501	78358	0.591 ug/ml
13) T n-Docosane (C22)	13.071	55935	0.424 ug/ml
14) T n-Tetracosane (C24)	14.155	186754	1.330 ug/ml
15) T n-Hexacosane (C26)	15.198	33381	0.264 ug/ml
16) T n-Octacosane (C28)	16.148	49929	0.397 ug/ml
17) T n-Tricontane (C30)	17.036	62585	0.474 ug/ml
18) T n-Dotriacontane (C32)	17.870	67839	0.510 ug/ml
19) T n-Tetratriacontane (C34)	18.655	68142	0.532 ug/ml
20) T n-Hexatriacontane (C36)	19.399	67312	0.545 ug/ml

(f)=RT Delta > 1/2 Window

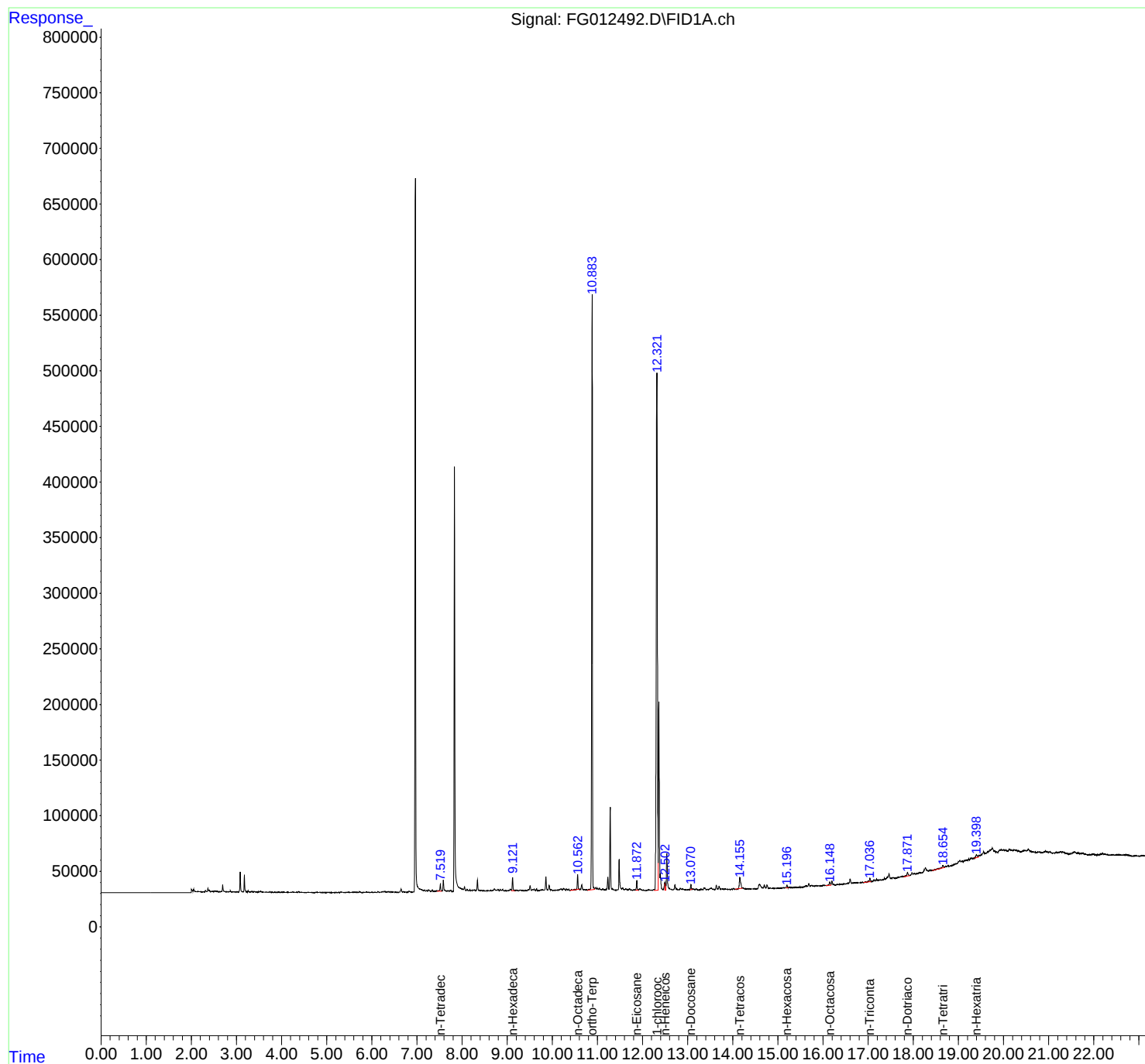
(m)=manual int.

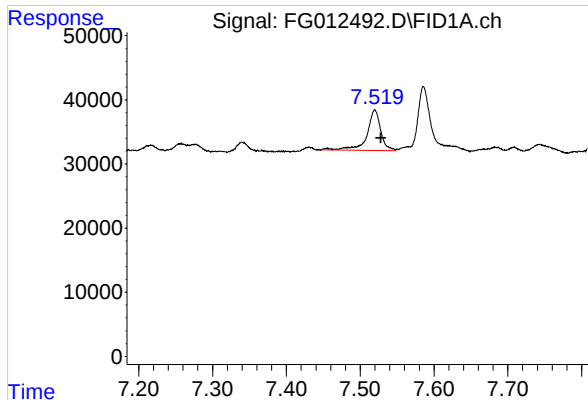
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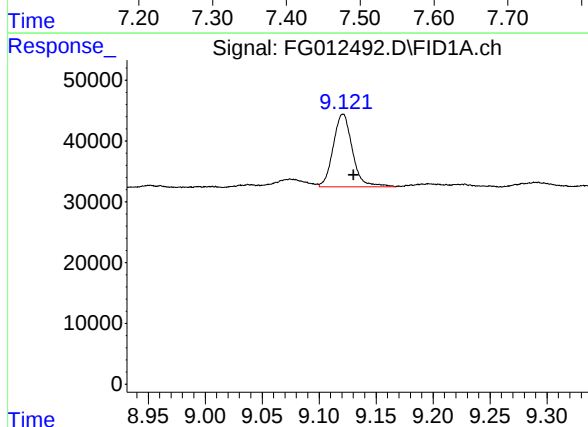




#6 n-Tetradecane (C14)

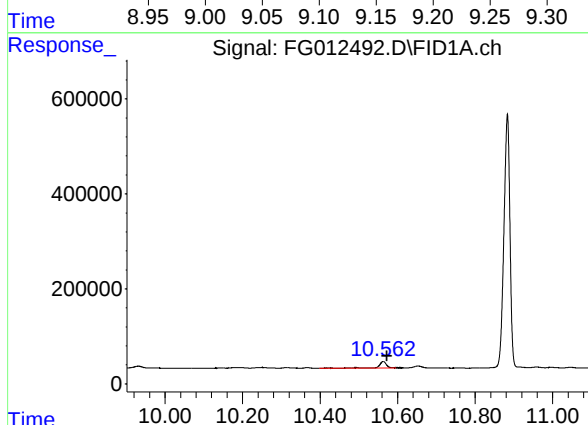
R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 83189
Conc: 0.65 ug/ml

Instrument :
FID_G
ClientSampleId :



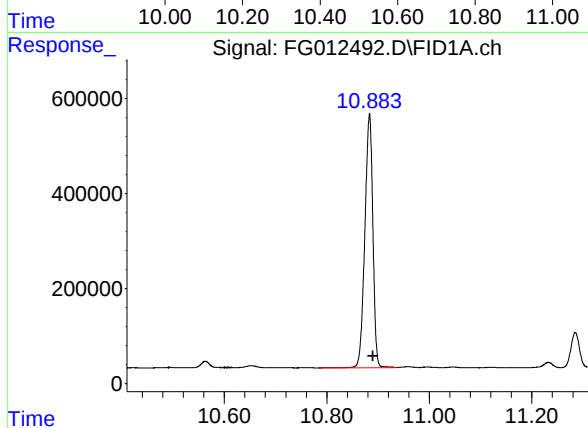
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: -0.009 min
Response: 139295
Conc: 1.04 ug/ml



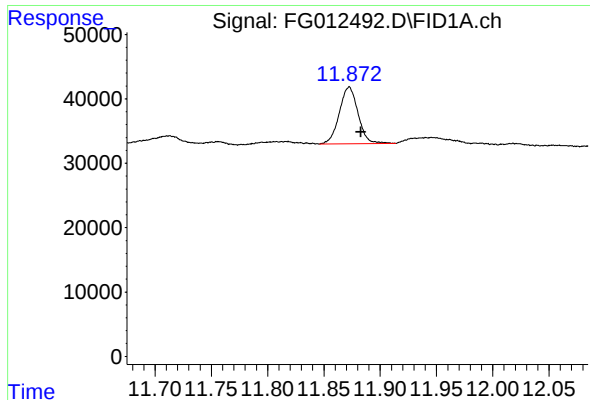
#8 n-Octadecane (C18)

R.T.: 10.563 min
Delta R.T.: -0.010 min
Response: 163439
Conc: 1.18 ug/ml



#9 ortho-Terphenyl (SURR)

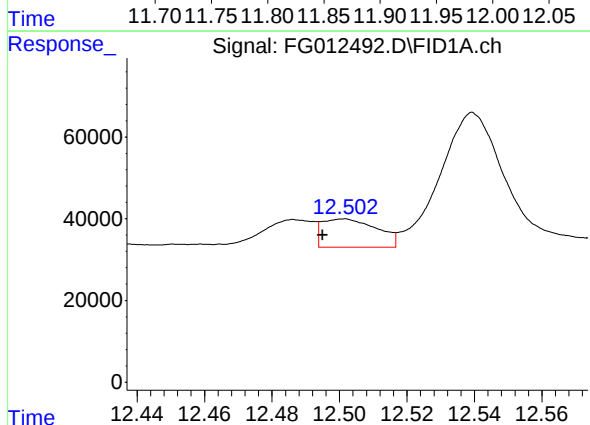
R.T.: 10.883 min
Delta R.T.: -0.006 min
Response: 5798636
Conc: 37.11 ug/ml



#10 n-Eicosane (C20)

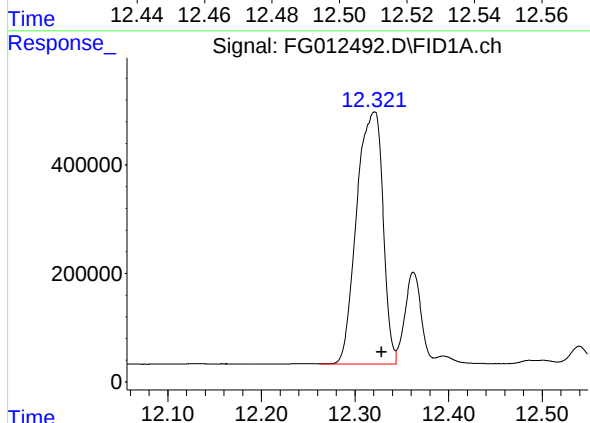
R.T.: 11.872 min
Delta R.T.: -0.011 min
Response: 102540
Conc: 0.76 ug/ml

Instrument :
FID_G
ClientSampleId :



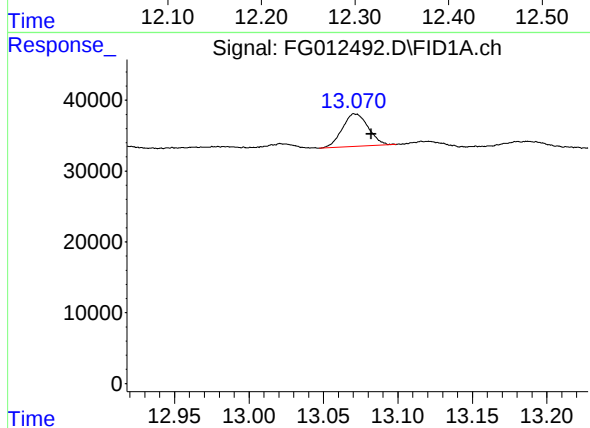
#11 n-Heneicosane (C21)

R.T.: 12.501 min
Delta R.T.: 0.006 min
Response: 78358
Conc: 0.59 ug/ml



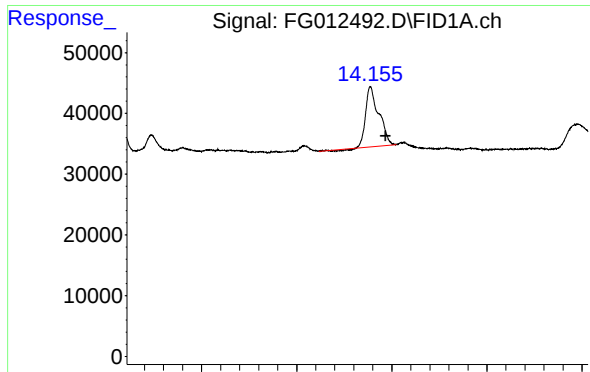
#12 1-chlorooctadecane (SURR)

R.T.: 12.321 min
Delta R.T.: -0.007 min
Response: 9046024
Conc: 78.05 ug/ml



#13 n-Docosane (C22)

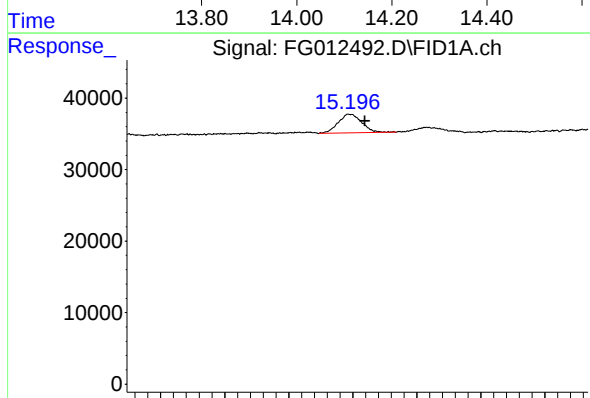
R.T.: 13.071 min
Delta R.T.: -0.011 min
Response: 55935
Conc: 0.42 ug/ml



#14 n-Tetracosane (C24)

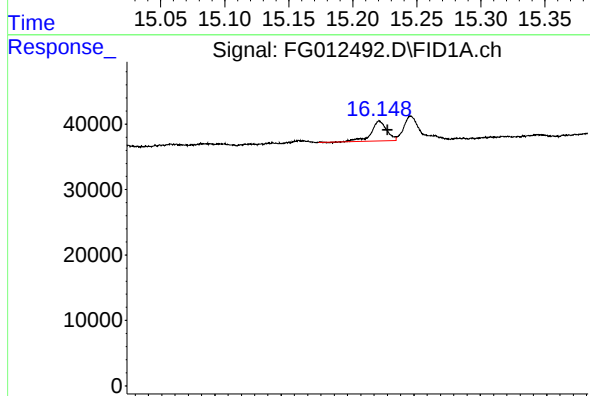
R.T.: 14.155 min
Delta R.T.: -0.032 min
Response: 186754
Conc: 1.33 ug/ml

Instrument :
FID_G
ClientSampleId :



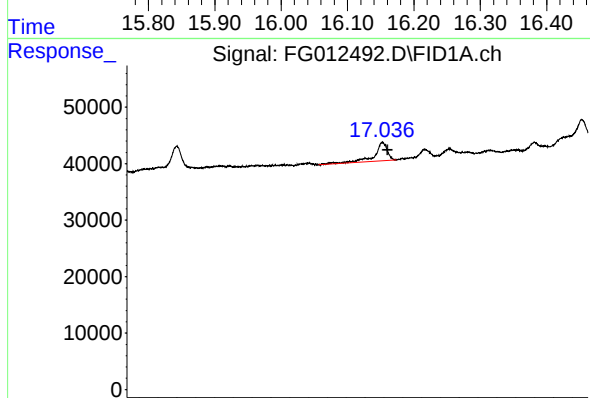
#15 n-Hexacosane (C26)

R.T.: 15.198 min
Delta R.T.: -0.012 min
Response: 33381
Conc: 0.26 ug/ml



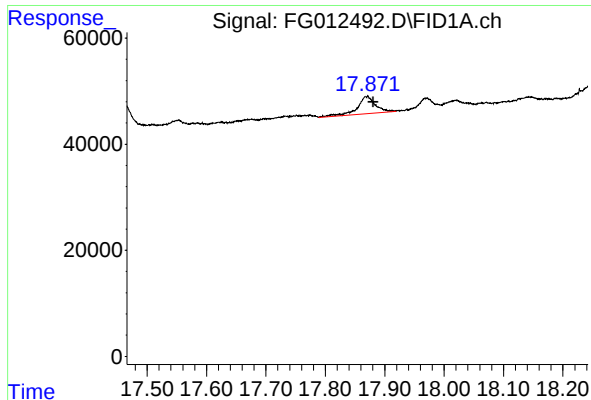
#16 n-Octacosane (C28)

R.T.: 16.148 min
Delta R.T.: -0.013 min
Response: 49929
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

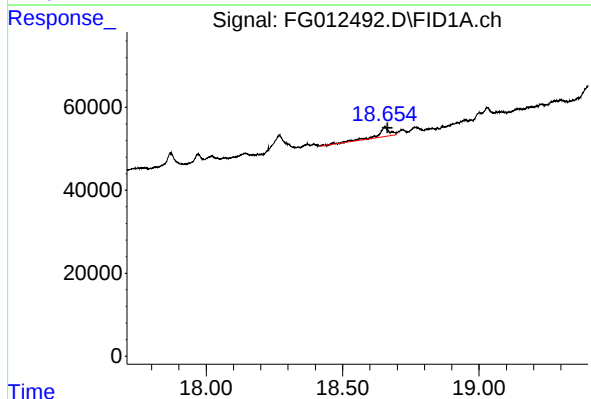
R.T.: 17.036 min
Delta R.T.: -0.011 min
Response: 62585
Conc: 0.47 ug/ml



#18 n-Dotriacontane (C32)

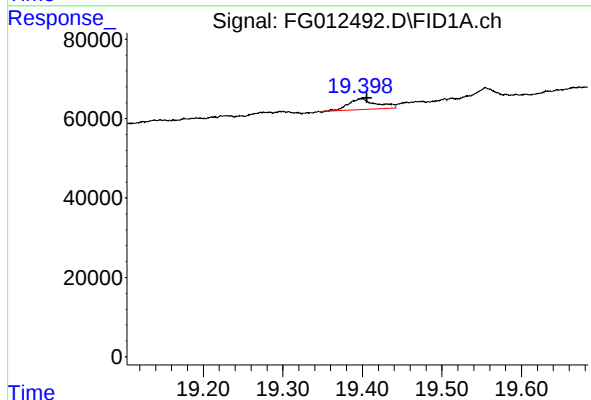
R.T.: 17.870 min
Delta R.T.: -0.011 min
Response: 67839
Conc: 0.51 ug/ml

Instrument :
FID_G
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 18.655 min
Delta R.T.: -0.011 min
Response: 68142
Conc: 0.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.399 min
Delta R.T.: -0.007 min
Response: 67312
Conc: 0.54 ug/ml