

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015823.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:25
 Operator : YP\AJ
 Sample : Q1872-14 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:55:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.995	158065	1.343 ug/ml
Target Compounds			
1) N-OCTANE	1.968	27146	0.241 ug/ml
2) N-DECANE	4.494	345394	3.102 ug/ml
3) N-DODECANE	6.677	579565	5.057 ug/ml
4) N-TETRADECANE	8.514	982562	8.109 ug/ml
5) N-HEXADECANE	10.128	948438	7.555 ug/ml
6) N-OCTADECANE	11.576	814776	6.217 ug/ml
7) N-EICOSANE	12.892	353511	2.607 ug/ml
8) N-DOCOSANE	14.093	129504	0.976 ug/ml
10) N-TETRACOSANE	15.199	36535	0.275 ug/ml
12) N-OCTACOSANE	17.175	27545	0.209 ug/ml
13) N-TRIACONTANE	18.065	53906	0.404 ug/ml
14) N-DOTRIACONTANE	18.899	110881	0.841 ug/ml
15) N-TETRATRIACONTANE	19.684	49179	0.407 ug/ml
16) N-HEXATRIACONTANE	20.427	27730	0.259 ug/ml

(f)=RT Delta > 1/2 Window

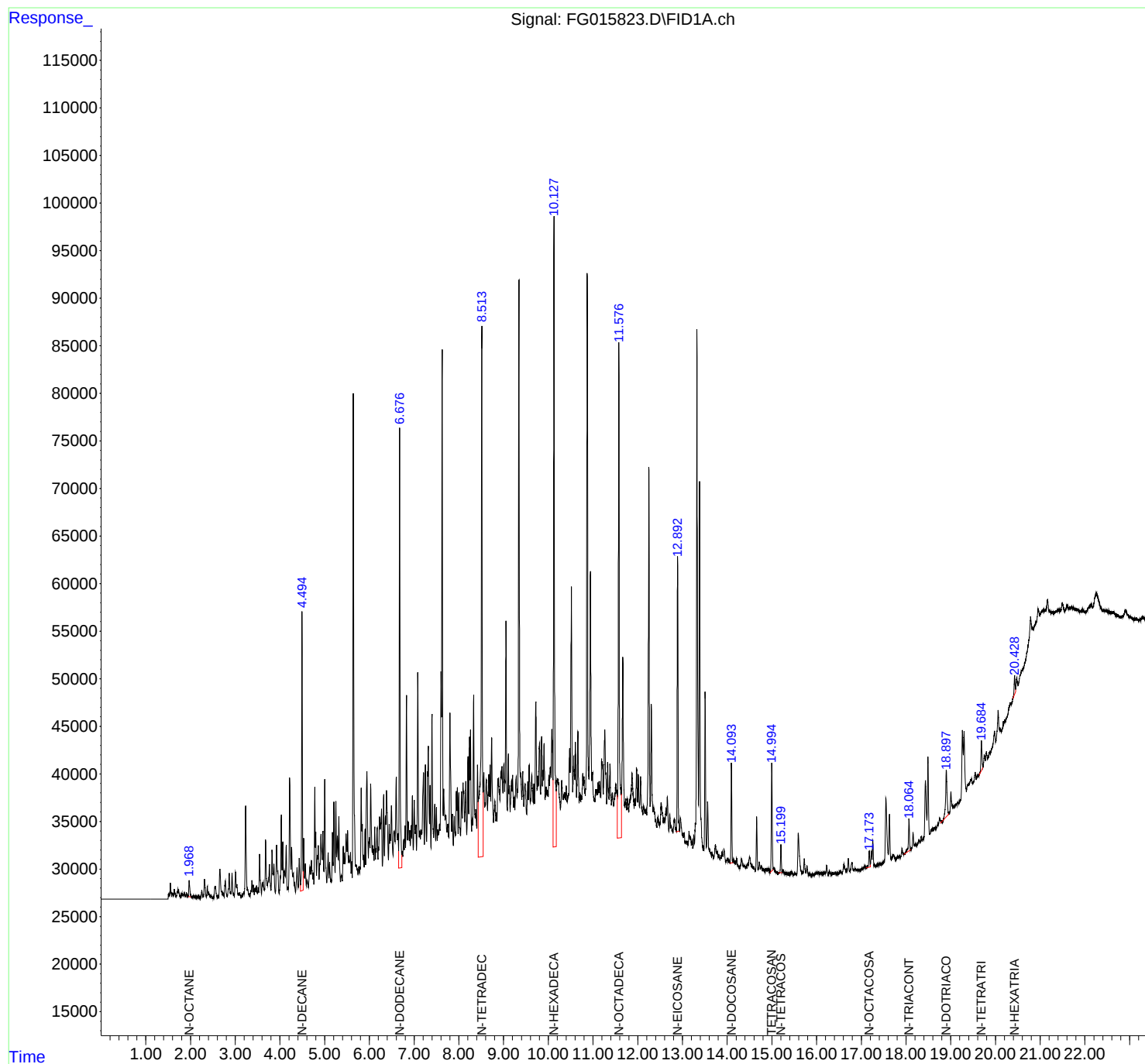
(m)=manual int.

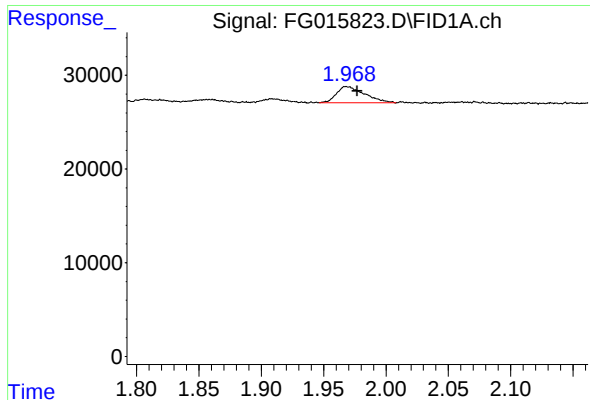
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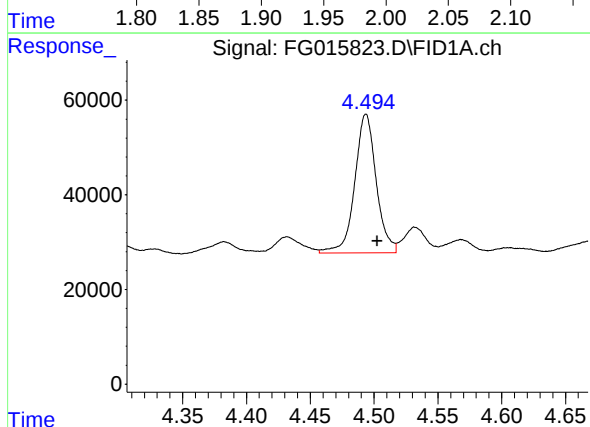




#1 N-OCTANE

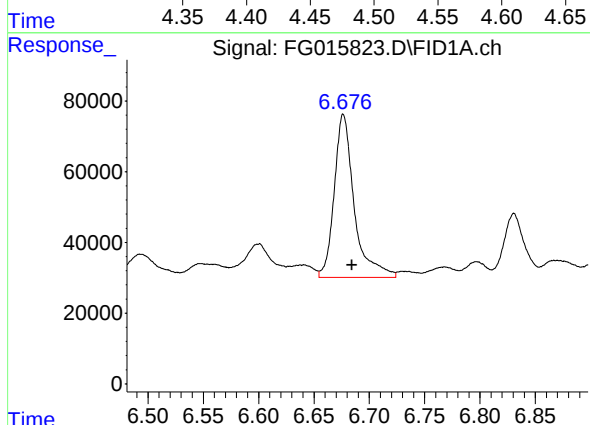
R.T.: 1.968 min
Delta R.T.: -0.009 min
Response: 27146
Conc: 0.24 ug/ml

Instrument :
FID_G
ClientSampleId :



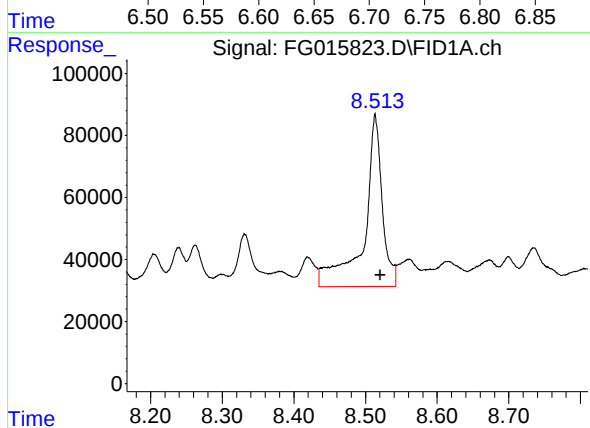
#2 N-DECANE

R.T.: 4.494 min
Delta R.T.: -0.009 min
Response: 345394
Conc: 3.10 ug/ml



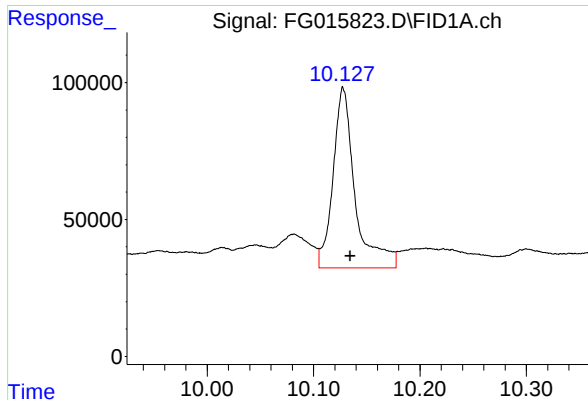
#3 N-DODECANE

R.T.: 6.677 min
Delta R.T.: -0.008 min
Response: 579565
Conc: 5.06 ug/ml



#4 N-TETRADECANE

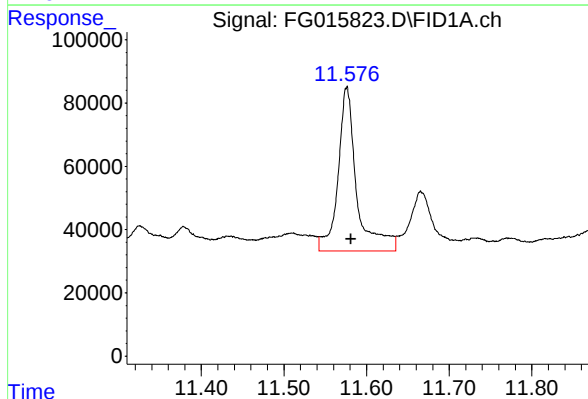
R.T.: 8.514 min
Delta R.T.: -0.007 min
Response: 982562
Conc: 8.11 ug/ml



#5 N-HEXADECANE

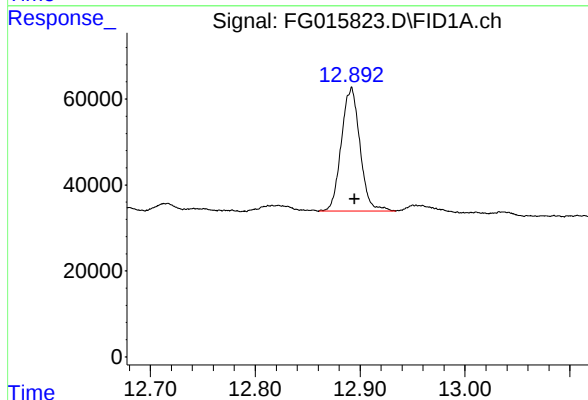
R.T.: 10.128 min
Delta R.T.: -0.007 min
Response: 948438
Conc: 7.55 ug/ml

Instrument :
FID_G
ClientSampleId :



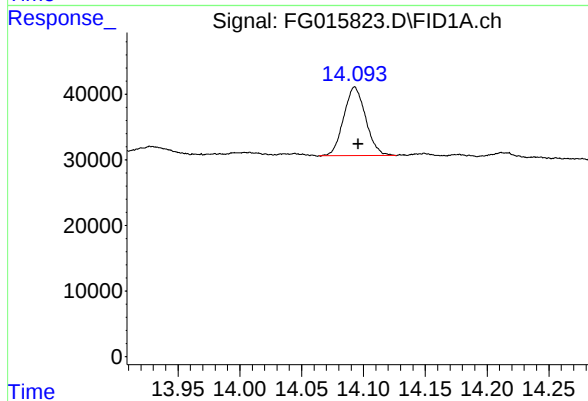
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.005 min
Response: 814776
Conc: 6.22 ug/ml



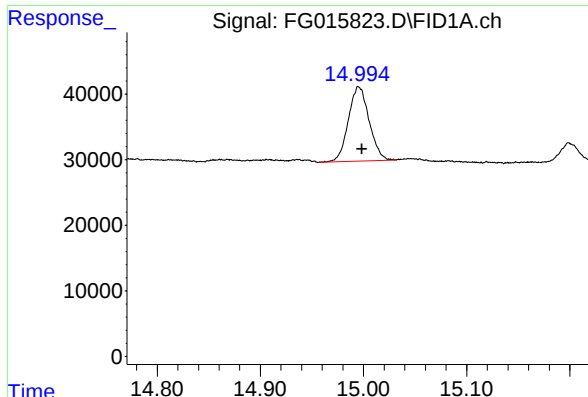
#7 N-EICOSANE

R.T.: 12.892 min
Delta R.T.: -0.003 min
Response: 353511
Conc: 2.61 ug/ml



#8 N-DOCOSANE

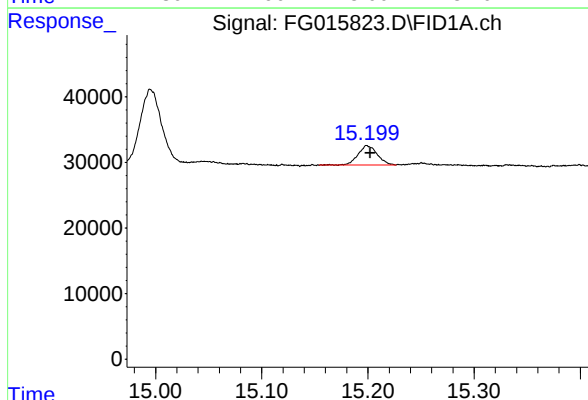
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 129504
Conc: 0.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

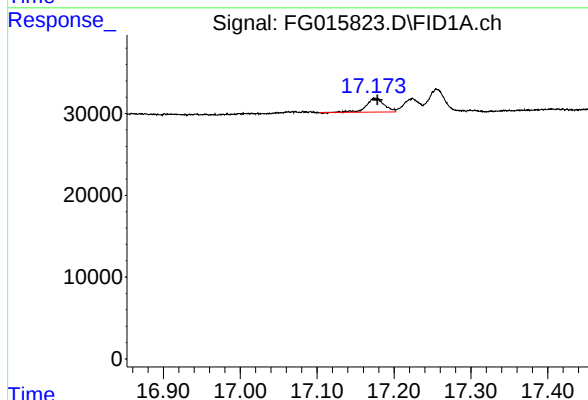
R.T.: 14.995 min
Delta R.T.: -0.003 min
Response: 158065
Conc: 1.34 ug/ml

Instrument :
FID_G
ClientSampleId :



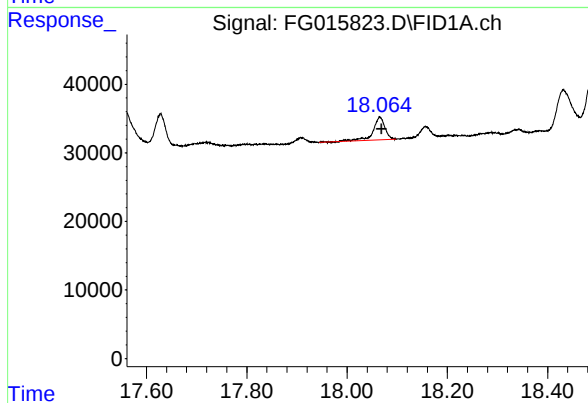
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 36535
Conc: 0.27 ug/ml



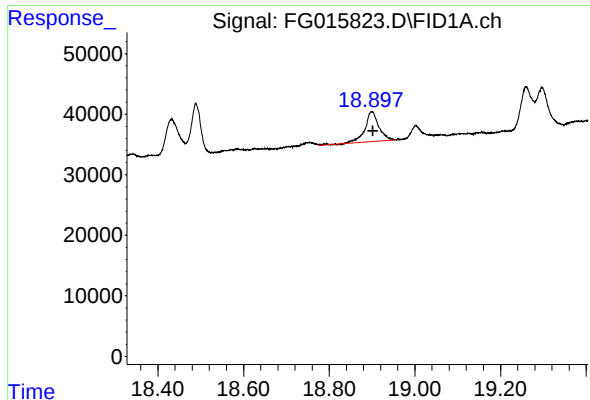
#12 N-OCTACOSANE

R.T.: 17.175 min
Delta R.T.: -0.004 min
Response: 27545
Conc: 0.21 ug/ml



#13 N-TRIACONTANE

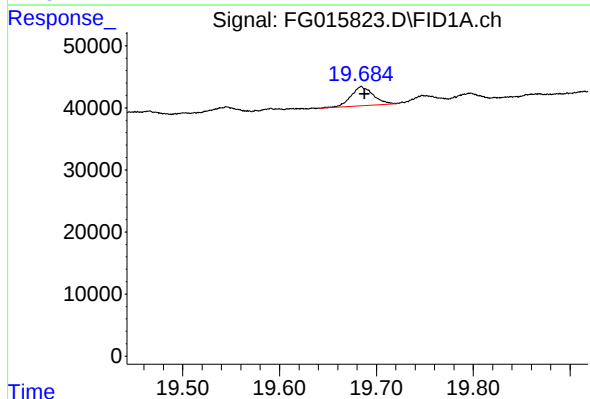
R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 53906
Conc: 0.40 ug/ml



#14 N-DOTRIACONTANE

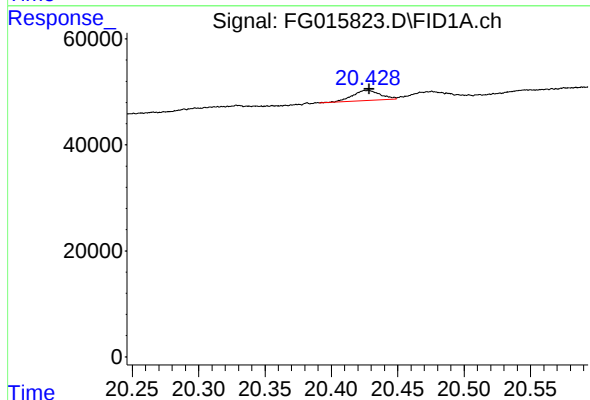
R.T.: 18.899 min
Delta R.T.: -0.003 min
Response: 110881
Conc: 0.84 ug/ml

Instrument :
FID_G
ClientSampleId :



#15 N-TETRATRIACONTANE

R.T.: 19.684 min
Delta R.T.: -0.003 min
Response: 49179
Conc: 0.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.427 min
Delta R.T.: -0.002 min
Response: 27730
Conc: 0.26 ug/ml