

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016341.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 15:21
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 19 02:00:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.208	1814124	18.144 ug/ml
Target Compounds			
4) N-TETRADECANE	8.707	52013	0.441 ug/ml
5) N-HEXADECANE	10.318	29301	0.253 ug/ml
6) N-OCTADECANE	11.775	35229	0.300 ug/ml
7) N-EICOSANE	13.097	109372	0.914 ug/ml
8) N-DOCOSANE	14.251	13087	0.114 ug/ml
10) N-TETRACOSANE	15.403	231933	2.030 ug/ml
11) N-HEXACOSANE	16.464	50199	0.456 ug/ml
12) N-OCTACOSANE	17.373	52824	0.486 ug/ml
13) N-TRIACONTANE	18.289	135497	1.268 ug/ml
14) N-DOTRIACONTANE	19.114	214529	2.122 ug/ml
15) N-TETRATRIACONTANE	19.914	121631	1.337 ug/ml
16) N-HEXATRIACONTANE	20.652	65604	0.871 ug/ml
17) N-OCTATRIACONTANE	21.436	73169	1.124 ug/ml
18) N-TETRACONTANE	22.435	43470	0.754 ug/ml

(f)=RT Delta > 1/2 Window

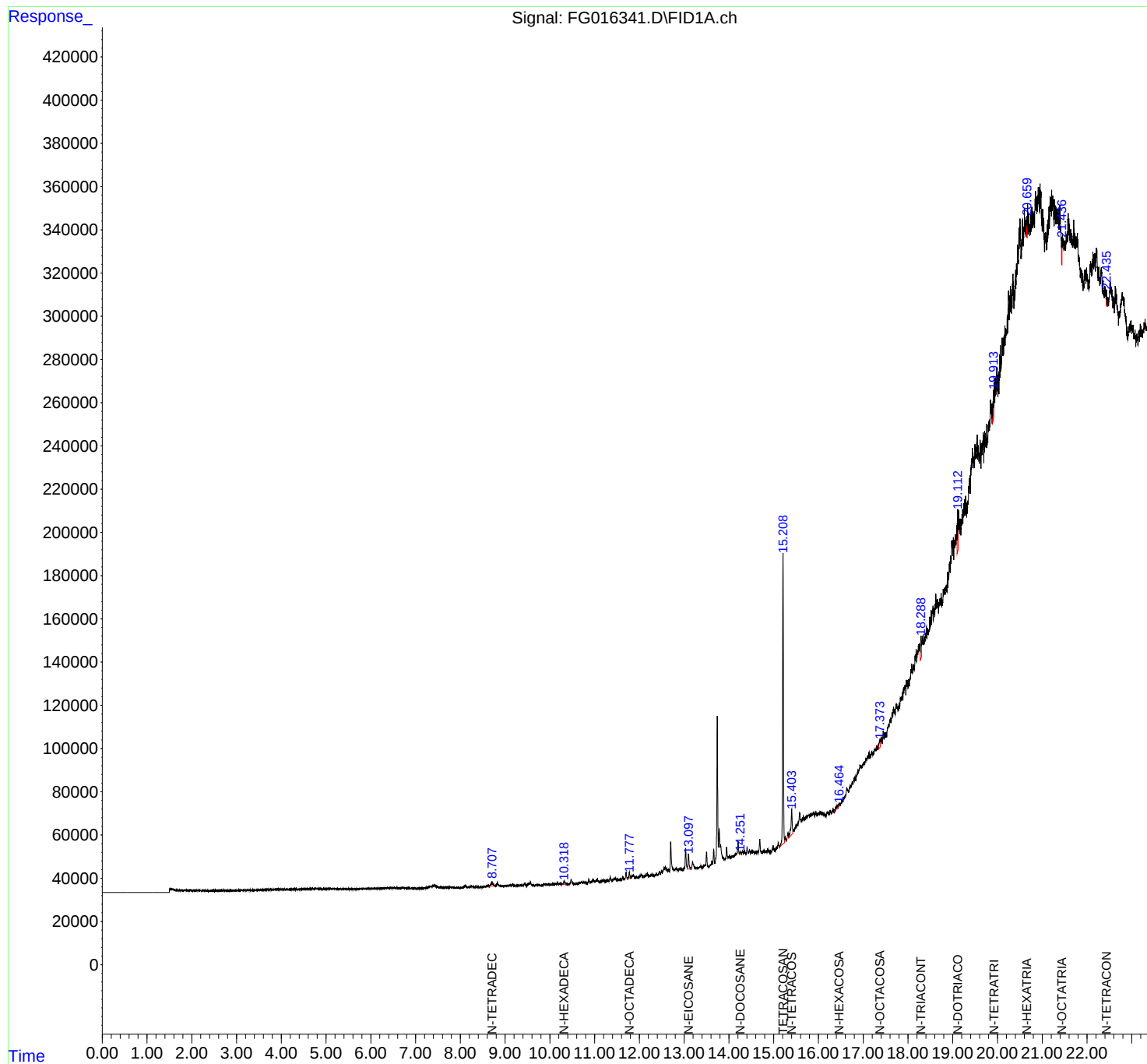
(m)=manual int.

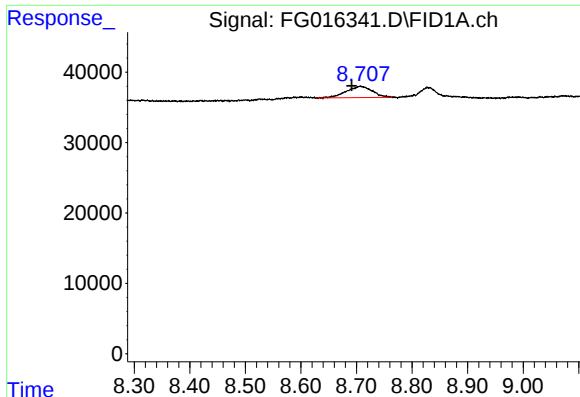
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Signal Info : 20mx0.18mmx0.18um

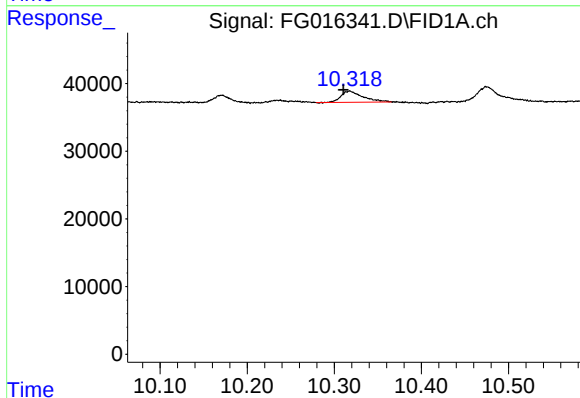




#4 N-TETRADECANE

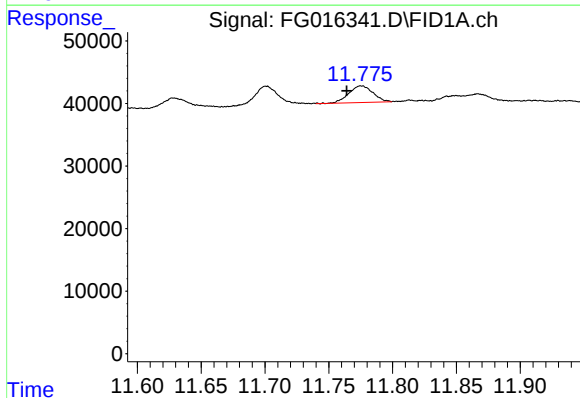
R.T.: 8.707 min
Delta R.T.: 0.016 min
Response: 52013
Conc: 0.44 ug/ml

Instrument :
FID_G
ClientSampleId :



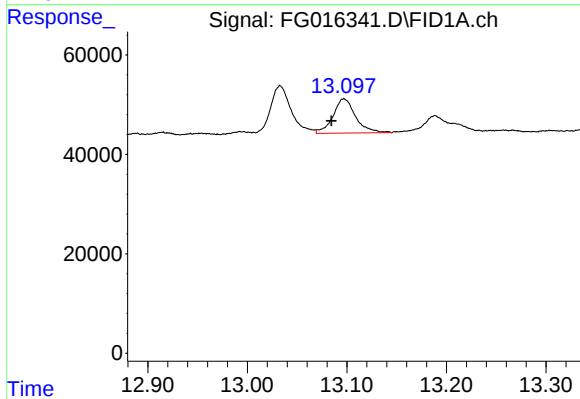
#5 N-HEXADECANE

R.T.: 10.318 min
Delta R.T.: 0.008 min
Response: 29301
Conc: 0.25 ug/ml



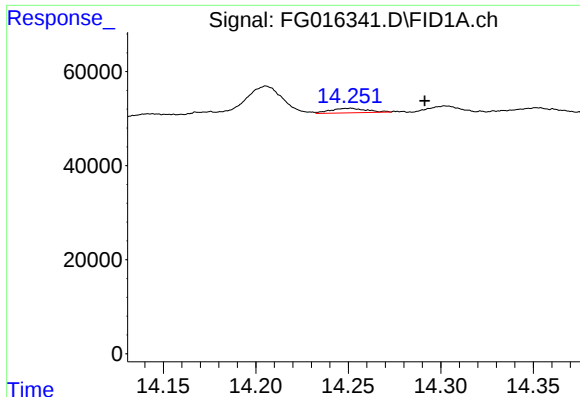
#6 N-OCTADECANE

R.T.: 11.775 min
Delta R.T.: 0.011 min
Response: 35229
Conc: 0.30 ug/ml



#7 N-EICOSANE

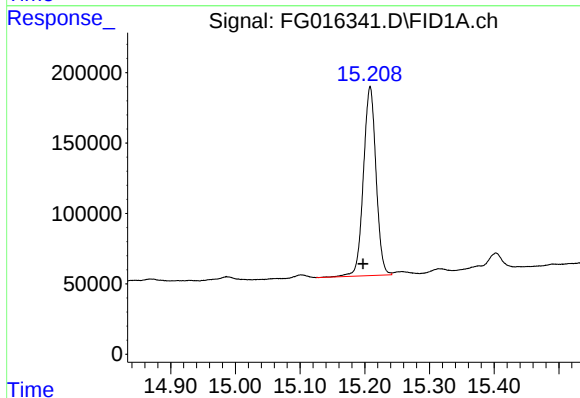
R.T.: 13.097 min
Delta R.T.: 0.013 min
Response: 109372
Conc: 0.91 ug/ml



#8 N-DOCOSANE

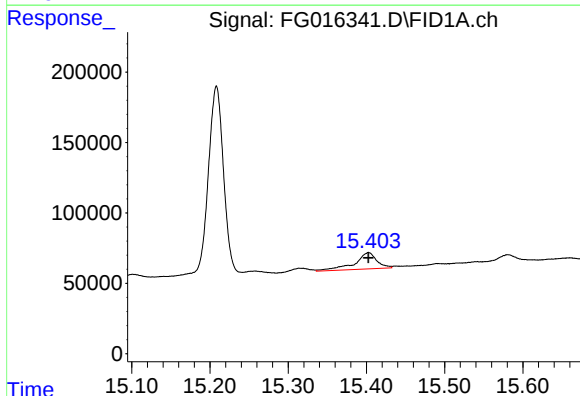
R.T.: 14.251 min
Delta R.T.: -0.041 min
Response: 13087
Conc: 0.11 ug/ml

Instrument :
FID_G
ClientSampleId :



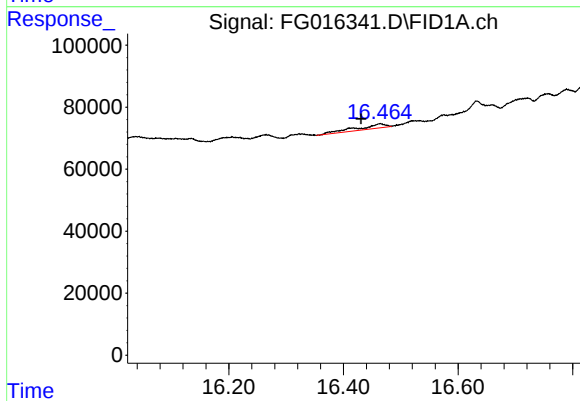
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.208 min
Delta R.T.: 0.011 min
Response: 1814124
Conc: 18.14 ug/ml



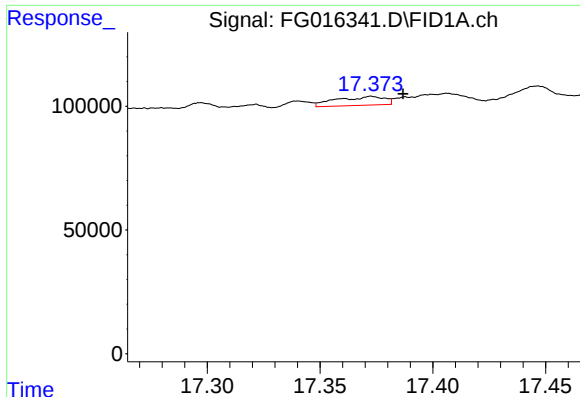
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 231933
Conc: 2.03 ug/ml



#11 N-HEXACOSANE

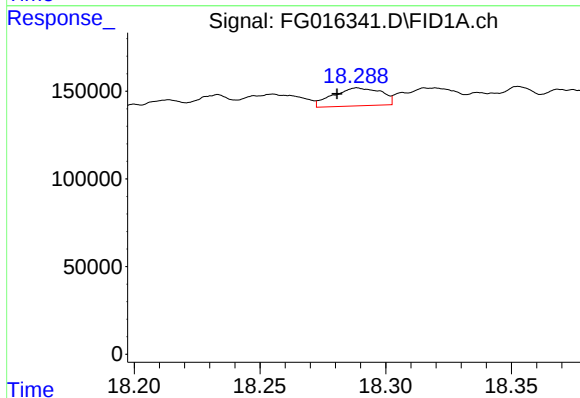
R.T.: 16.464 min
Delta R.T.: 0.034 min
Response: 50199
Conc: 0.46 ug/ml



#12 N-OCTACOSANE

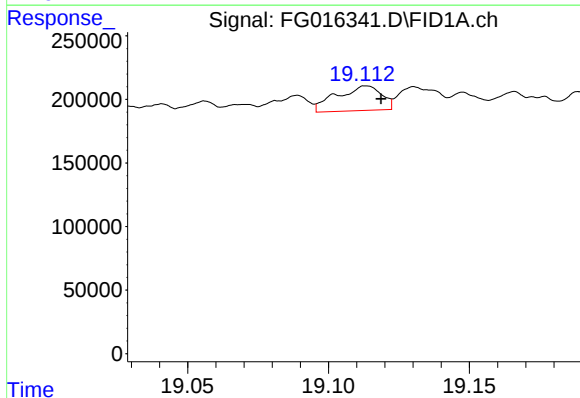
R.T.: 17.373 min
Delta R.T.: -0.014 min
Response: 52824
Conc: 0.49 ug/ml

Instrument :
FID_G
ClientSampleId :



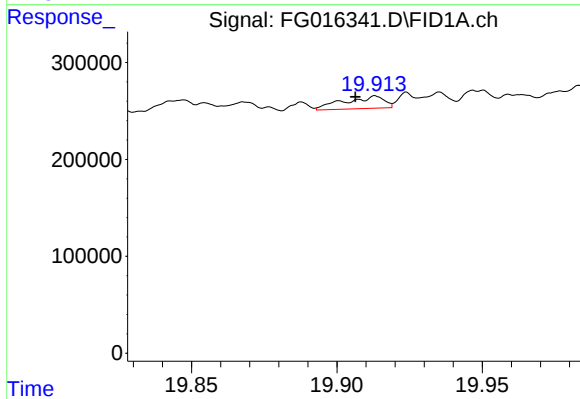
#13 N-TRIACONTANE

R.T.: 18.289 min
Delta R.T.: 0.008 min
Response: 135497
Conc: 1.27 ug/ml



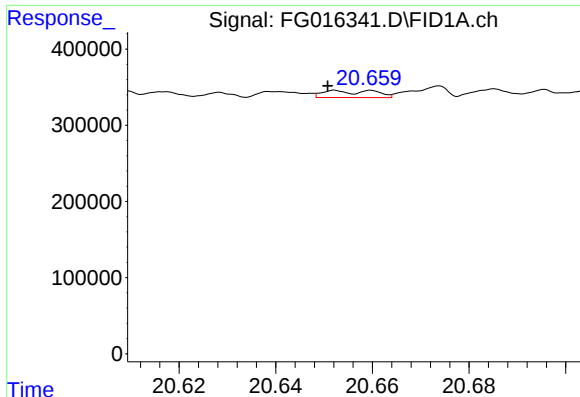
#14 N-DOTRIACONTANE

R.T.: 19.114 min
Delta R.T.: -0.005 min
Response: 214529
Conc: 2.12 ug/ml



#15 N-TETRATRIACONTANE

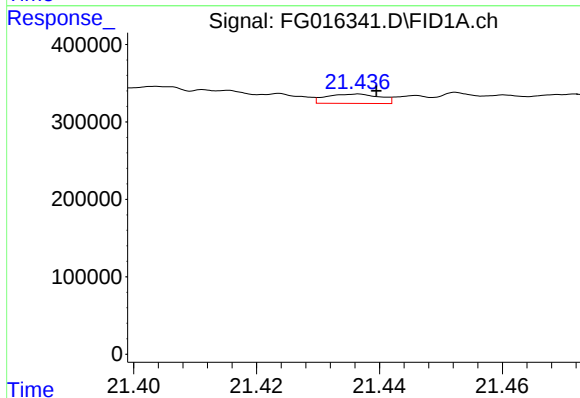
R.T.: 19.914 min
Delta R.T.: 0.007 min
Response: 121631
Conc: 1.34 ug/ml



#16 N-HEXATRIACONTANE

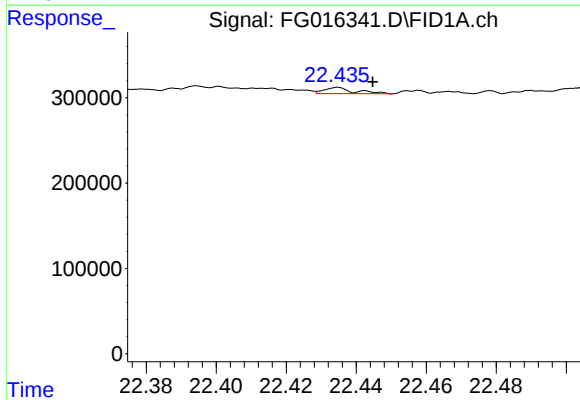
R.T.: 20.652 min
Delta R.T.: 0.002 min
Response: 65604
Conc: 0.87 ug/ml

Instrument :
FID_G
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.436 min
Delta R.T.: -0.003 min
Response: 73169
Conc: 1.12 ug/ml



#18 N-TETRACONTANE

R.T.: 22.435 min
Delta R.T.: -0.010 min
Response: 43470
Conc: 0.75 ug/ml