

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091825\
 Data File : FG016619.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2025 11:23
 Operator : YP\AJ
 Sample : Q3015-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 01:50:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:20:52 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...	15.169	1879385	17.199 ug/ml
Target Compounds			
1) N-OCTANE	2.101	153542	1.296 ug/ml
2) N-DECANE	4.642	1718155	14.097 ug/ml
3) N-DODECANE	6.825	2987939	24.269 ug/ml
4) N-TETRADECANE	8.665	3556891	28.627 ug/ml
5) N-HEXADECANE	10.284	3939224	31.408 ug/ml
6) N-OCTADECANE	11.767	747188	5.814 ug/ml
7) N-EICOSANE	13.056	1874174	14.526 ug/ml
8) N-DOCOSANE	14.262	449676	3.600 ug/ml
10) N-TETRACOSANE	15.374	127809	1.033 ug/ml
11) N-HEXACOSANE	16.405	28095	0.232 ug/ml
13) N-TRIACONTANE	18.254	38229	0.315 ug/ml
14) N-DOTRIACONTANE	19.092	61540	0.524 ug/ml
15) N-TETRATRIACONTANE	19.880	58131	0.566 ug/ml
16) N-HEXATRIACONTANE	20.625	53640	0.629 ug/ml
17) N-OCTATRIACONTANE	21.408	29674	0.397 ug/ml
18) N-TETRACONTANE	22.404	106753	1.529 ug/ml

(f)=RT Delta > 1/2 Window

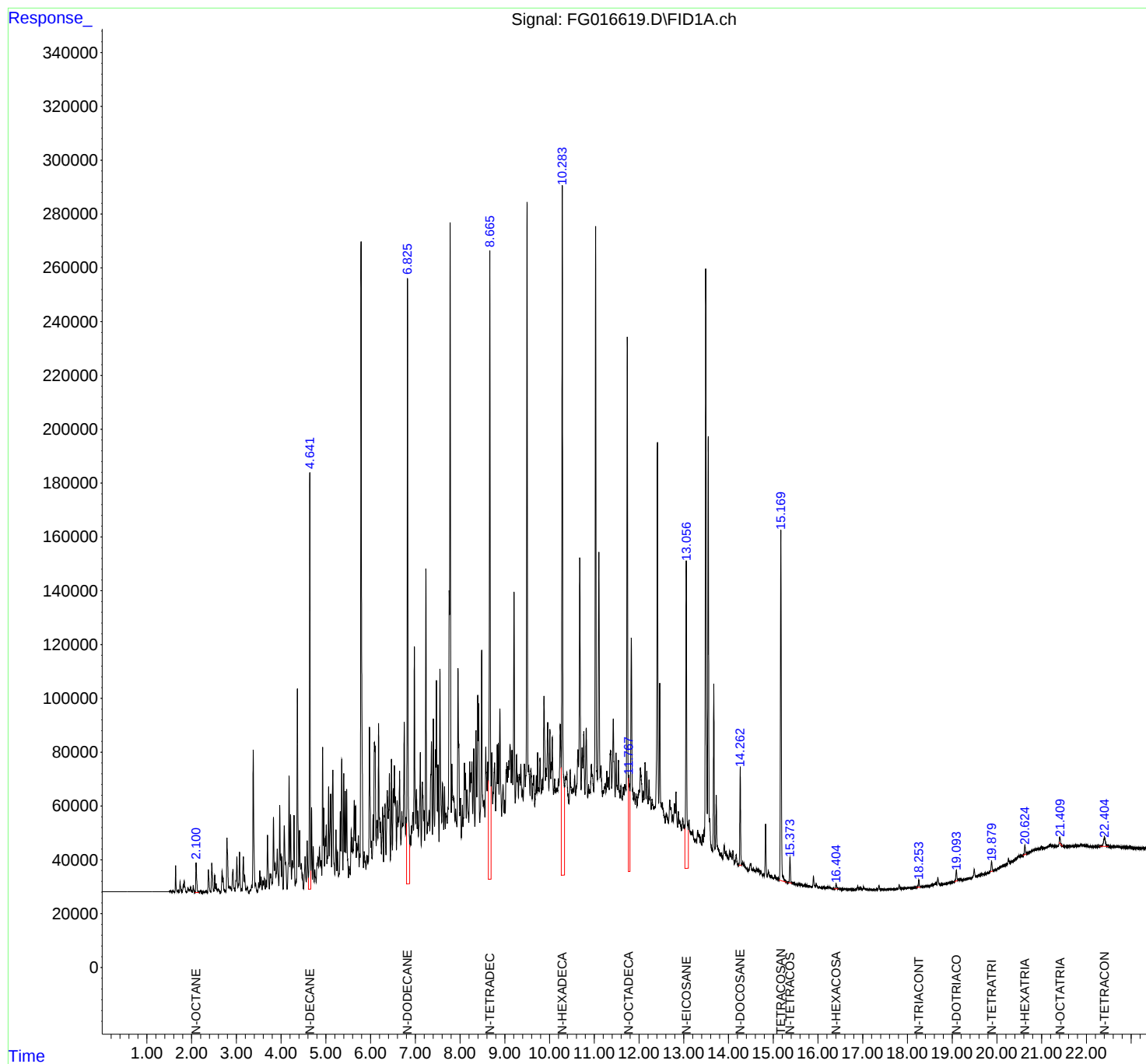
(m)=manual int.

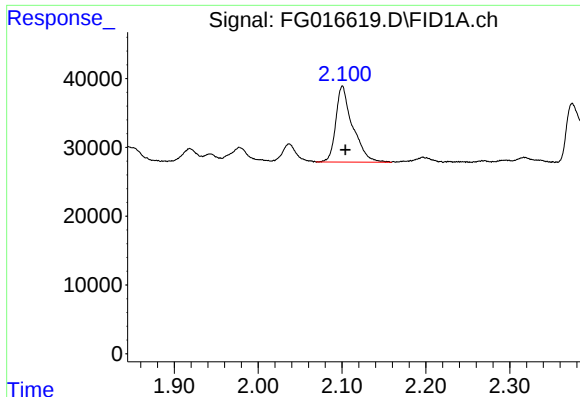
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

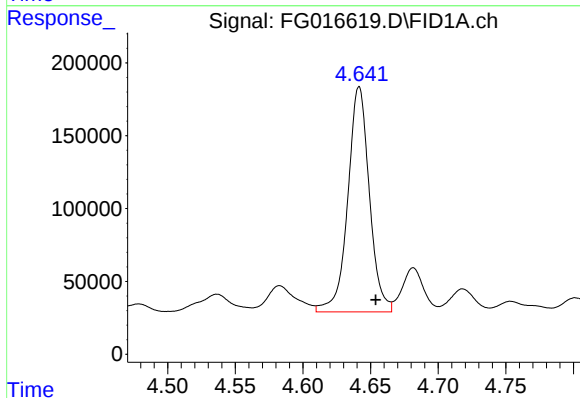




#1 N-OCTANE

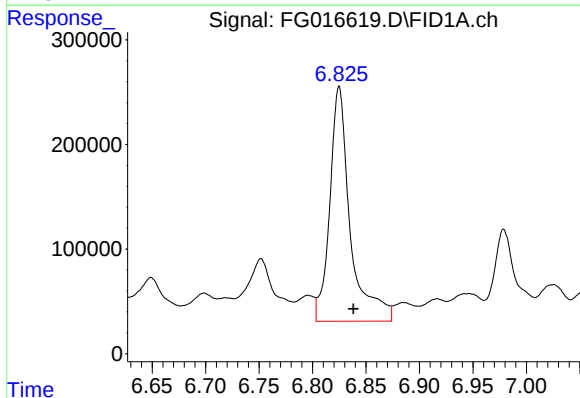
R.T.: 2.101 min
Delta R.T.: -0.003 min
Response: 153542
Conc: 1.30 ug/ml

Instrument :
FID_G
ClientSampleId :



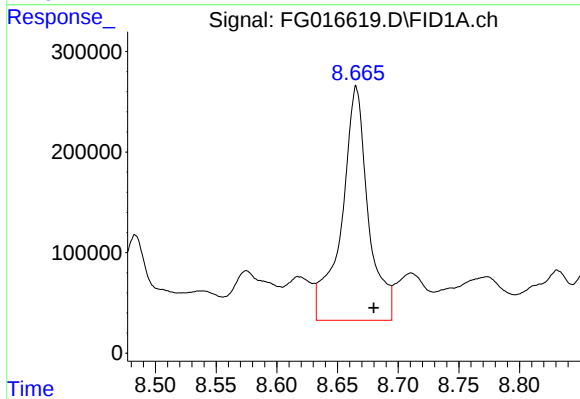
#2 N-DECANE

R.T.: 4.642 min
Delta R.T.: -0.012 min
Response: 1718155
Conc: 14.10 ug/ml



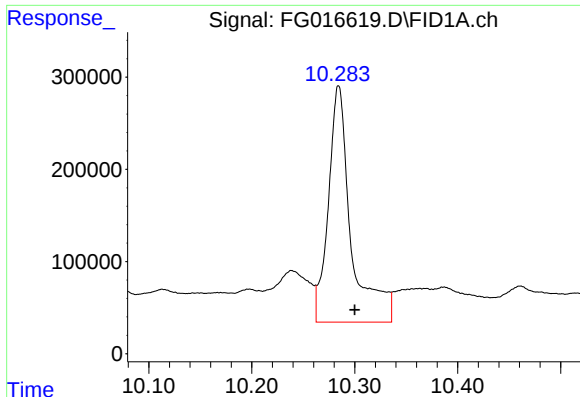
#3 N-DODECANE

R.T.: 6.825 min
Delta R.T.: -0.013 min
Response: 2987939
Conc: 24.27 ug/ml



#4 N-TETRADECANE

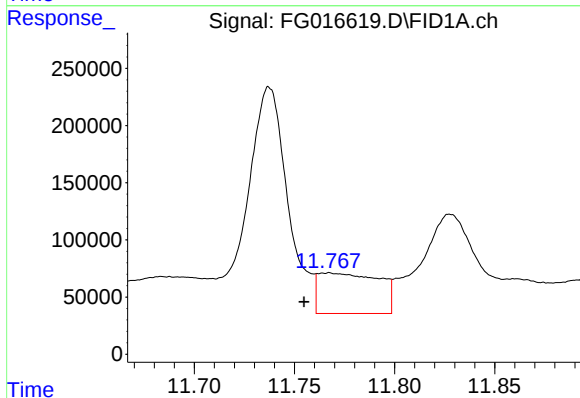
R.T.: 8.665 min
Delta R.T.: -0.014 min
Response: 3556891
Conc: 28.63 ug/ml



#5 N-HEXADECANE

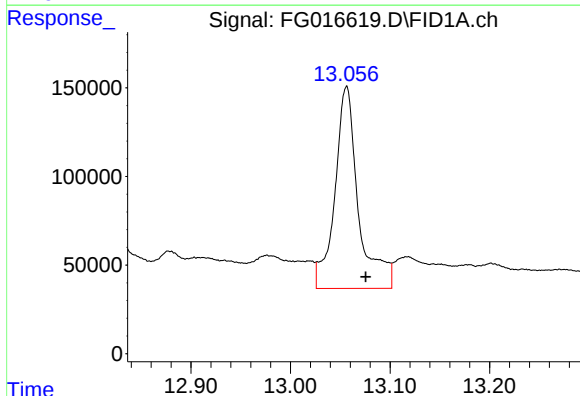
R.T.: 10.284 min
Delta R.T.: -0.016 min
Response: 3939224
Conc: 31.41 ug/ml

Instrument :
FID_G
ClientSampleId :



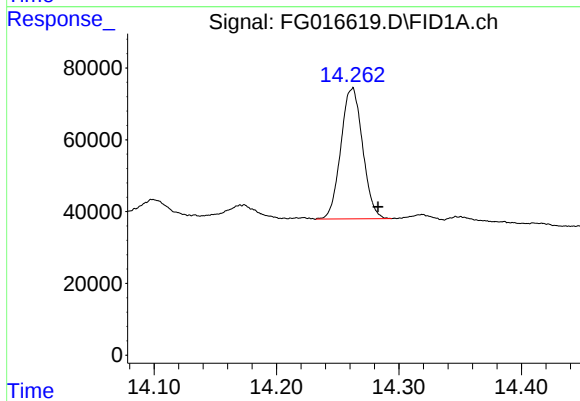
#6 N-OCTADECANE

R.T.: 11.767 min
Delta R.T.: 0.012 min
Response: 747188
Conc: 5.81 ug/ml



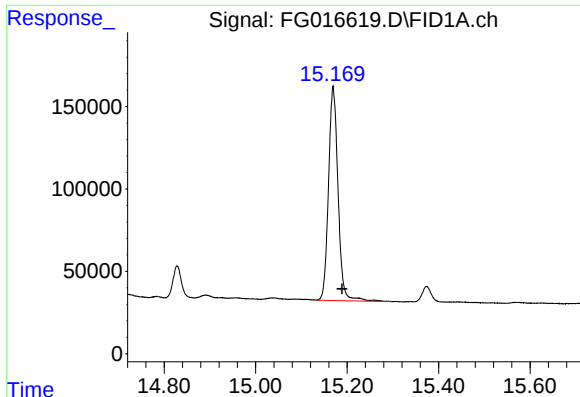
#7 N-EICOSANE

R.T.: 13.056 min
Delta R.T.: -0.019 min
Response: 1874174
Conc: 14.53 ug/ml



#8 N-DOCOSANE

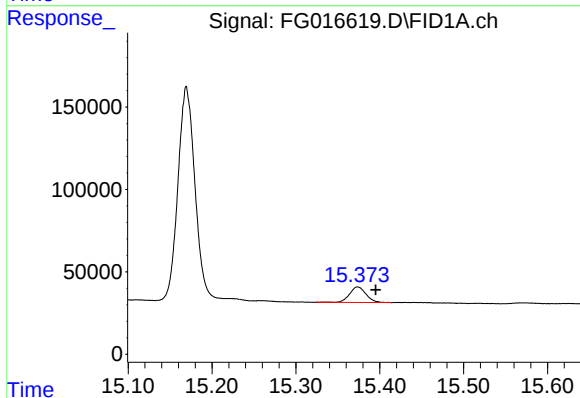
R.T.: 14.262 min
Delta R.T.: -0.021 min
Response: 449676
Conc: 3.60 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

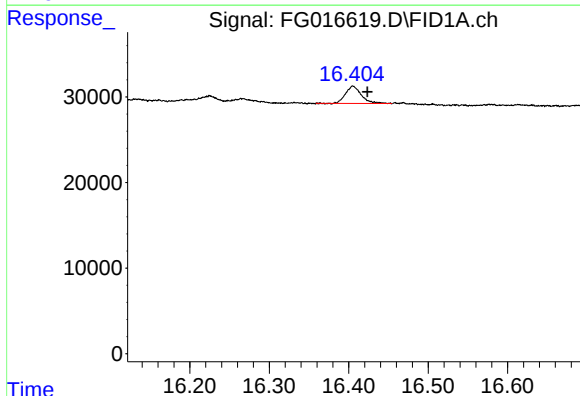
R.T.: 15.169 min
Delta R.T.: -0.020 min
Response: 1879385
Conc: 17.20 ug/ml

Instrument :
FID_G
ClientSampleId :



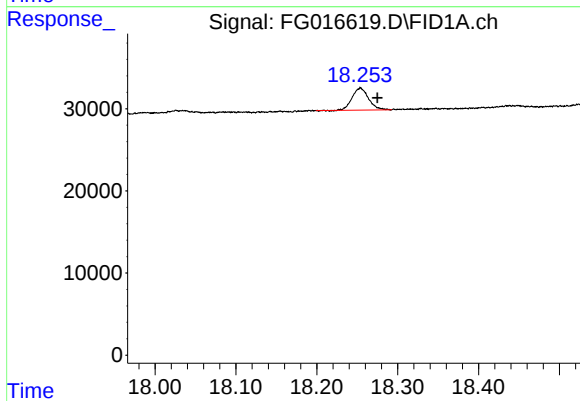
#10 N-TETRACOSANE

R.T.: 15.374 min
Delta R.T.: -0.022 min
Response: 127809
Conc: 1.03 ug/ml



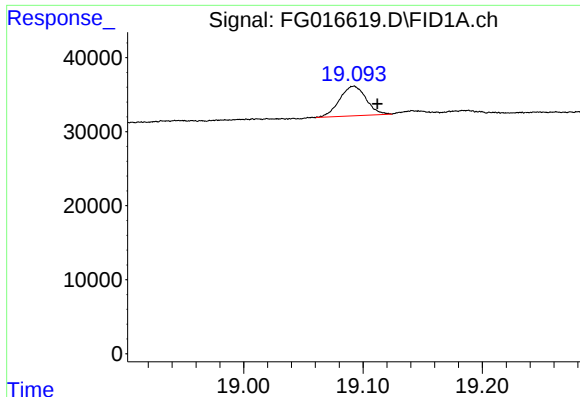
#11 N-HEXACOSANE

R.T.: 16.405 min
Delta R.T.: -0.018 min
Response: 28095
Conc: 0.23 ug/ml



#13 N-TRIACONTANE

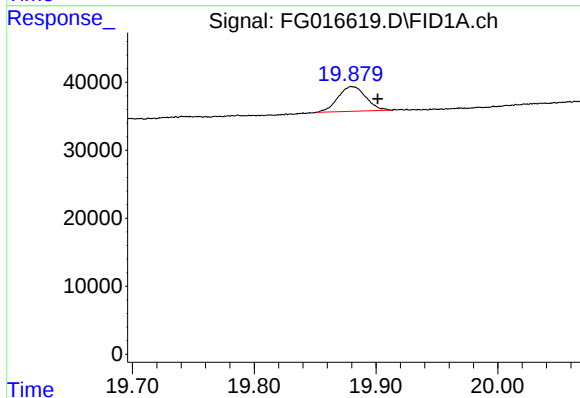
R.T.: 18.254 min
Delta R.T.: -0.021 min
Response: 38229
Conc: 0.31 ug/ml



#14 N-DOTRIACONTANE

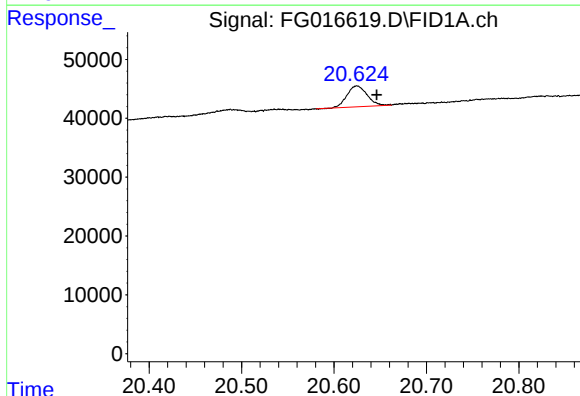
R.T.: 19.092 min
Delta R.T.: -0.020 min
Response: 61540
Conc: 0.52 ug/ml

Instrument :
FID_G
ClientSampleId :



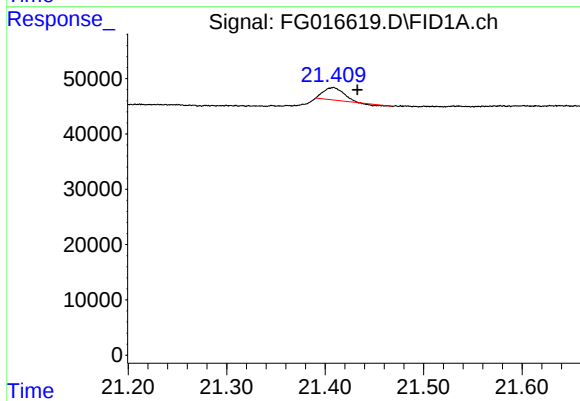
#15 N-TETRATRIACONTANE

R.T.: 19.880 min
Delta R.T.: -0.021 min
Response: 58131
Conc: 0.57 ug/ml



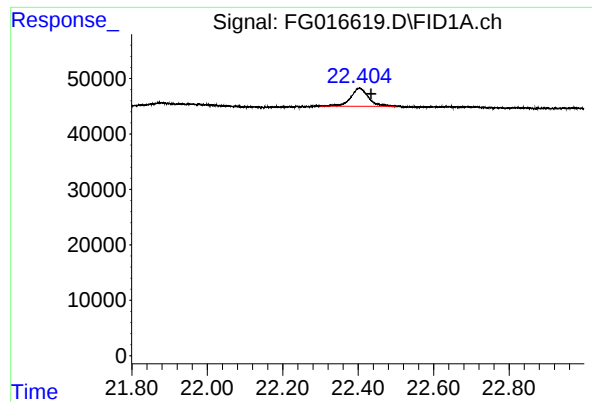
#16 N-HEXATRIACONTANE

R.T.: 20.625 min
Delta R.T.: -0.021 min
Response: 53640
Conc: 0.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.408 min
Delta R.T.: -0.024 min
Response: 29674
Conc: 0.40 ug/ml



#18 N-TETRACONTANE

R.T.: 22.404 min
Delta R.T.: -0.030 min
Response: 106753
Conc: 1.53 ug/ml

Instrument :
FID_G
ClientSampleId :