

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825\
Data File : FG016245.D
Signal(s) : FID1A.ch
Acq On : 08 Jul 2025 14:24
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: Sample.e
Quant Time: Jul 09 03:13:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
Quant Title :
QLast Update : Fri Jun 13 12:34:28 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...	15.205	5431462	46.304 ug/ml
Target Compounds				
2)	N-DECANE	4.674	5988608	47.732 ug/ml
3)	N-DODECANE	6.857	6095811	47.771 ug/ml
4)	N-TETRADECANE	8.698	6121852	47.437 ug/ml
5)	N-HEXADECANE	10.317	6169932	47.271 ug/ml
6)	N-OCTADECANE	11.771	6306860	47.094 ug/ml
7)	N-EICOSANE	13.092	6338537	46.855 ug/ml
8)	N-DOCOSANE	14.300	6159320	46.719 ug/ml
10)	N-TETRACOSANE	15.411	6109861	46.381 ug/ml
11)	N-HEXACOSANE	16.439	6011384	45.921 ug/ml
12)	N-OCTACOSANE	17.396	5852135	45.300 ug/ml

(f)=RT Delta > 1/2 Window

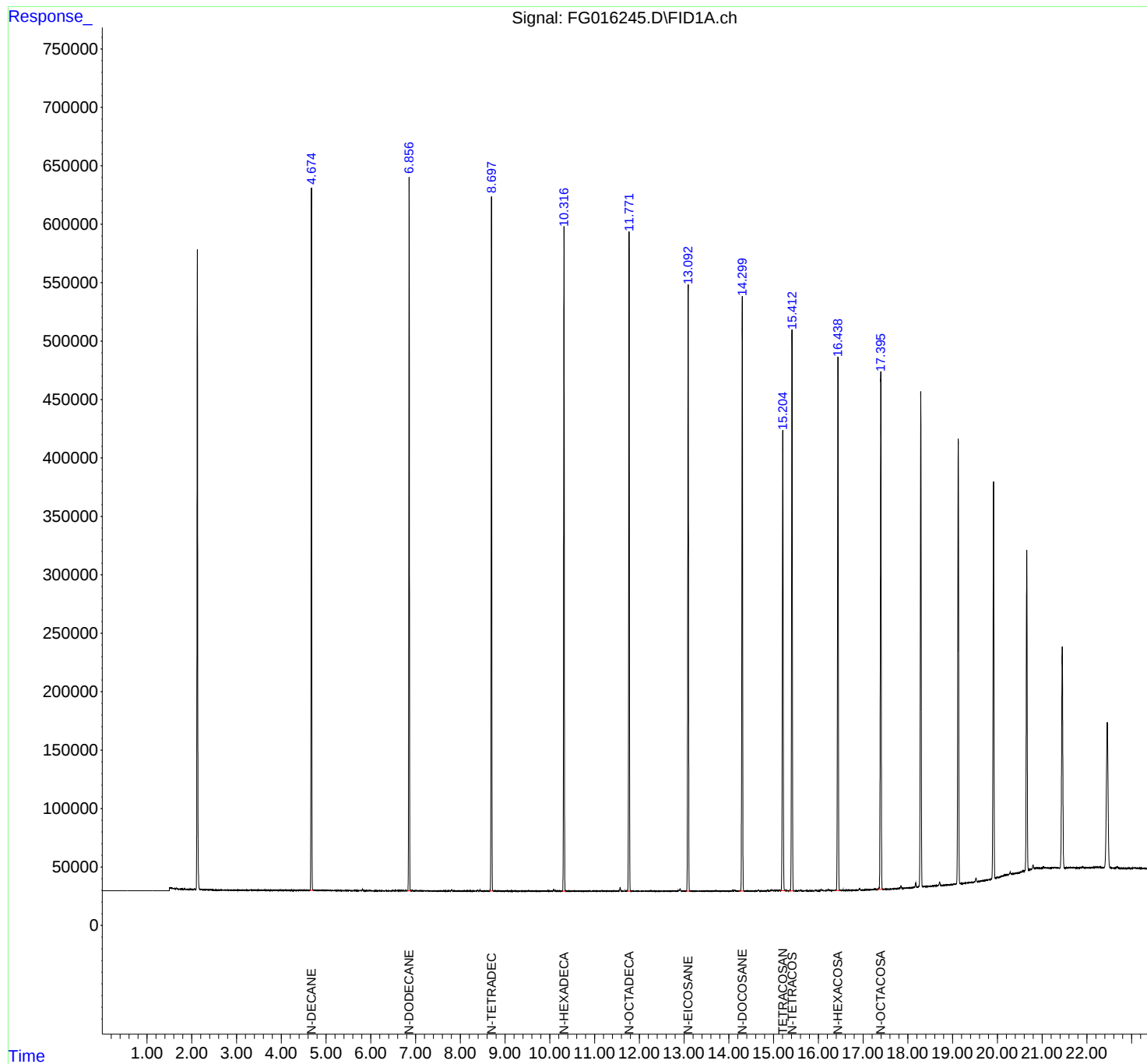
(m)=manual int.

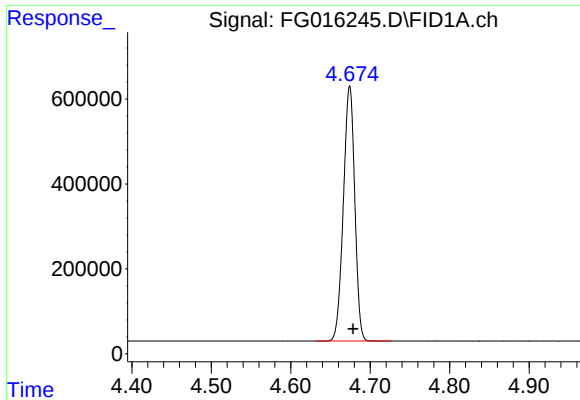
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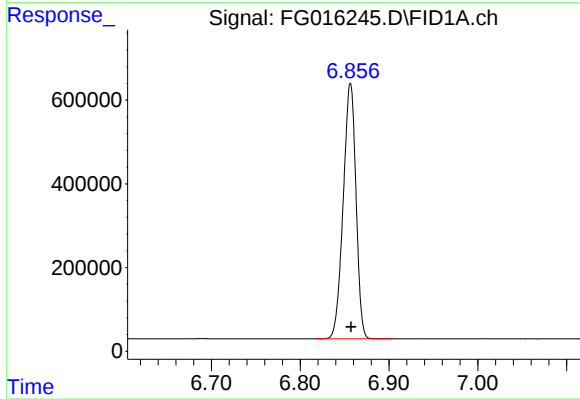




#2 N-DECANE

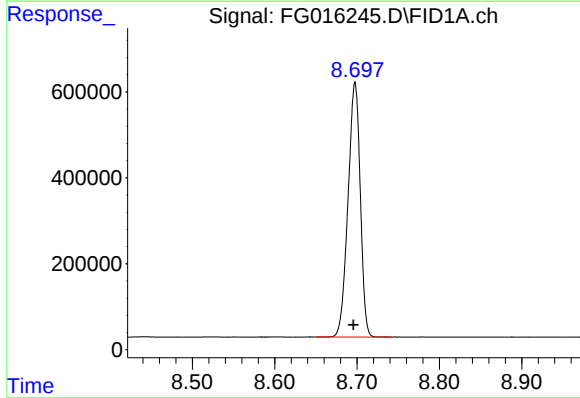
R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 5988608
Conc: 47.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



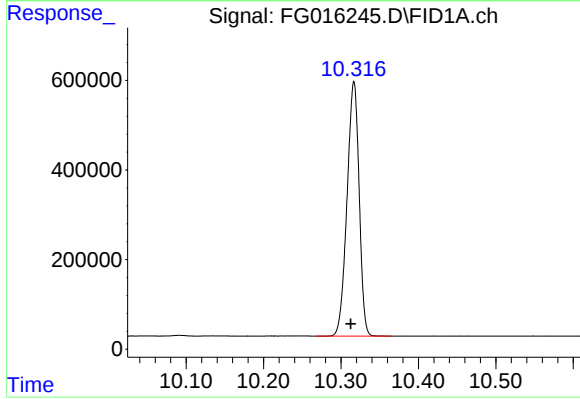
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 6095811
Conc: 47.77 ug/ml



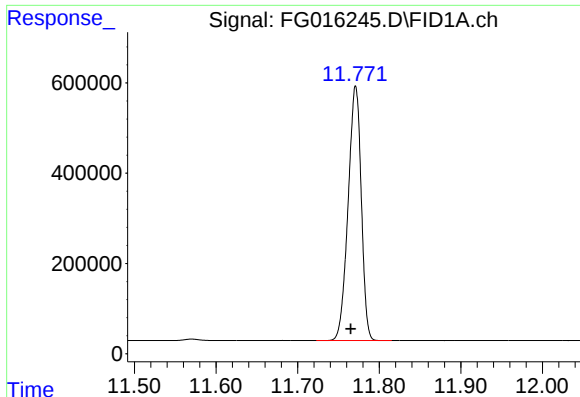
#4 N-TETRADECANE

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 6121852
Conc: 47.44 ug/ml



#5 N-HEXADECANE

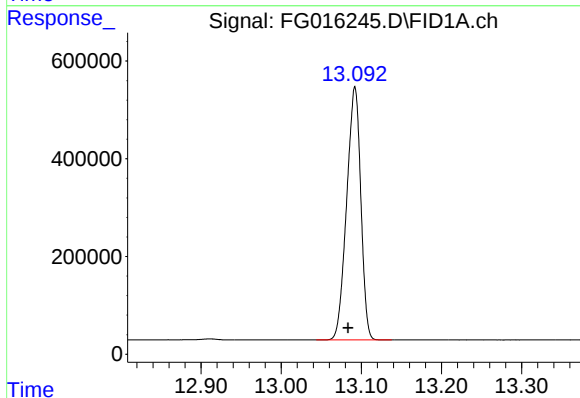
R.T.: 10.317 min
Delta R.T.: 0.004 min
Response: 6169932
Conc: 47.27 ug/ml



#6 N-OCTADECANE

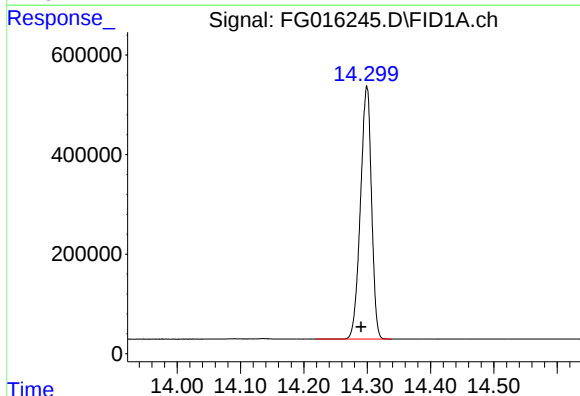
R.T.: 11.771 min
Delta R.T.: 0.006 min
Response: 6306860
Conc: 47.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



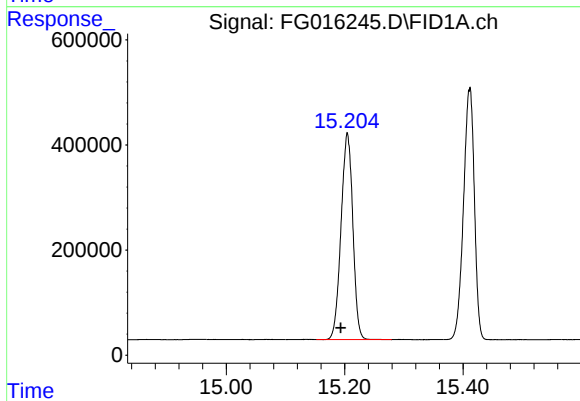
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.009 min
Response: 6338537
Conc: 46.86 ug/ml



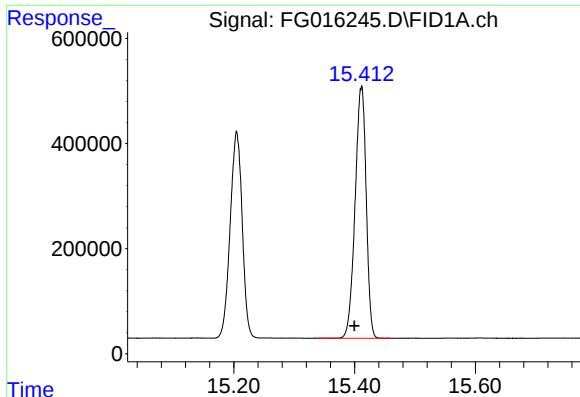
#8 N-DOCOSANE

R.T.: 14.300 min
Delta R.T.: 0.010 min
Response: 6159320
Conc: 46.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

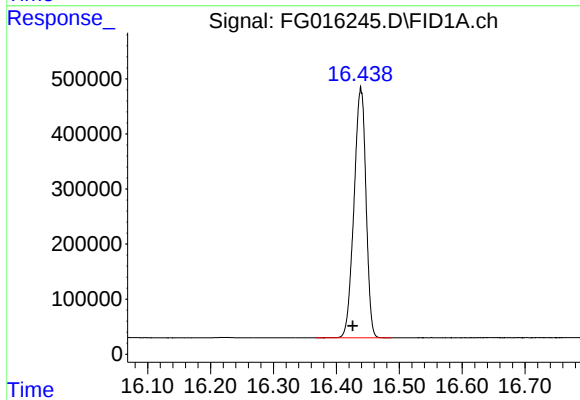
R.T.: 15.205 min
Delta R.T.: 0.011 min
Response: 5431462
Conc: 46.30 ug/ml



#10 N-TETRACOSANE

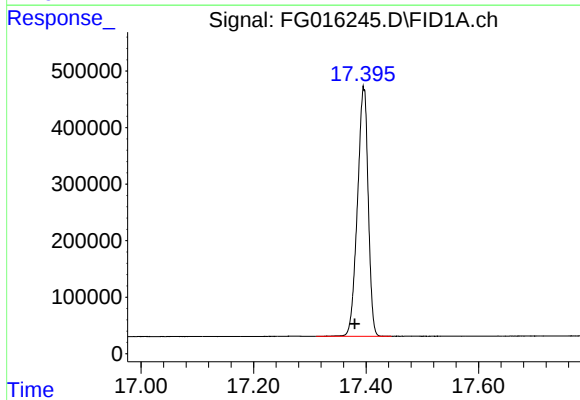
R.T.: 15.411 min
Delta R.T.: 0.012 min
Response: 6109861
Conc: 46.38 ug/ml

Instrument :
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#11 N-HEXACOSANE

R.T.: 16.439 min
Delta R.T.: 0.013 min
Response: 6011384
Conc: 45.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.396 min
Delta R.T.: 0.016 min
Response: 5852135
Conc: 45.30 ug/ml