

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
Data File : FG016966.D
Signal(s) : FID1A.ch
Acq On : 21 Nov 2025 14:34
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Nov 26 04:56:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
Quant Title :
QLast Update : Wed Oct 29 12:18:34 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...	15.142	5680011	52.799 ug/ml
Target Compounds				
2)	N-DECANE	4.618	6620122	57.272 ug/ml
3)	N-DODECANE	6.801	6710227	57.563 ug/ml
4)	N-TETRADECANE	8.641	6650182	58.170 ug/ml
5)	N-HEXADECANE	10.258	6566530	57.175 ug/ml
6)	N-OCTADECANE	11.710	6700213	55.075 ug/ml
7)	N-EICOSANE	13.030	6792043	53.932 ug/ml
8)	N-DOCOSANE	14.237	6535345	53.106 ug/ml
10)	N-TETRACOSANE	15.348	6431303	52.616 ug/ml
11)	N-HEXACOSANE	16.376	6193001	52.438 ug/ml
12)	N-OCTACOSANE	17.332	6179444	52.233 ug/ml

(f)=RT Delta > 1/2 Window

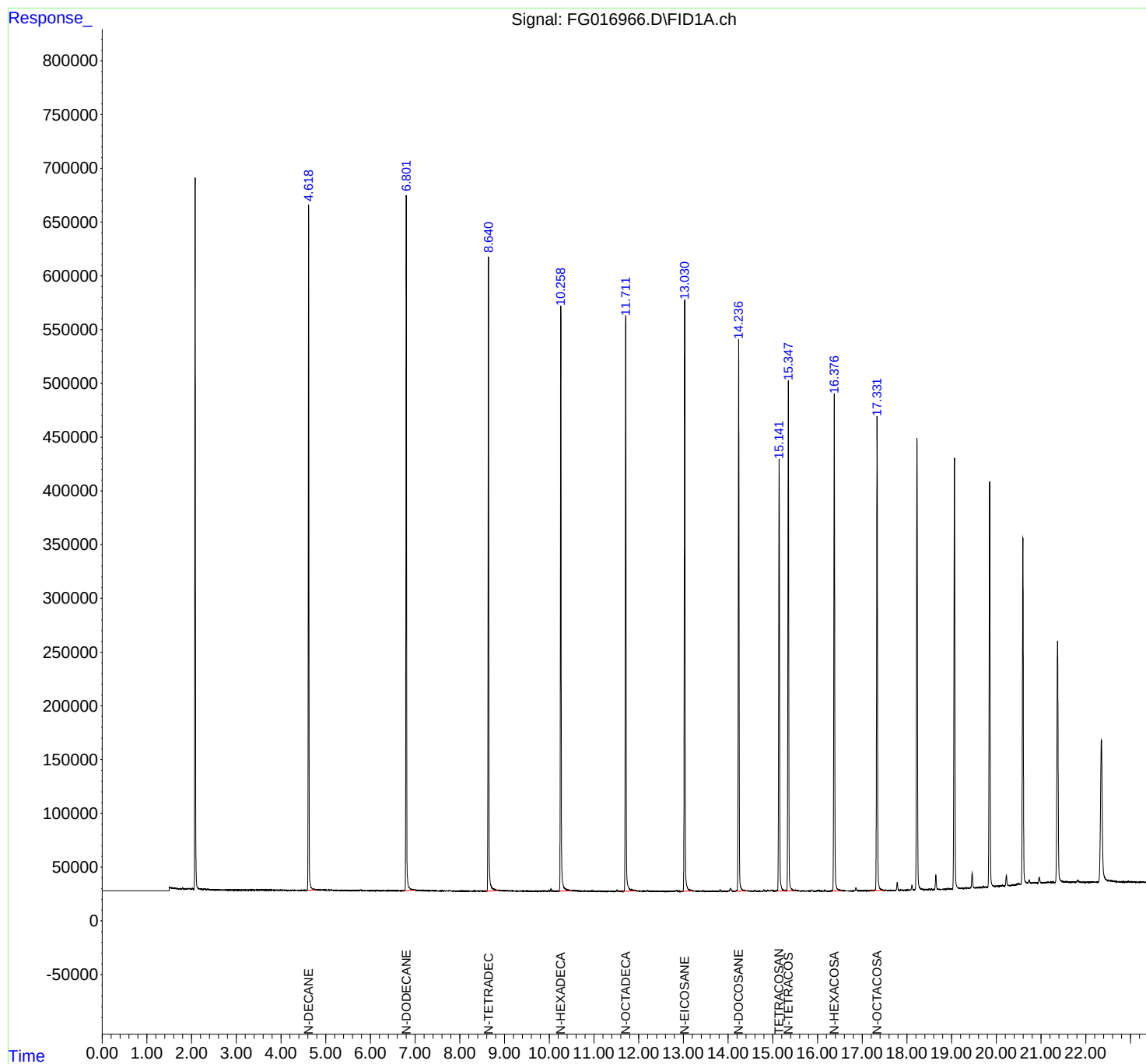
(m)=manual int.

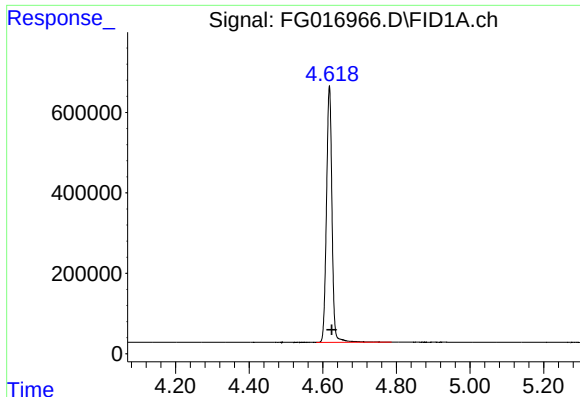
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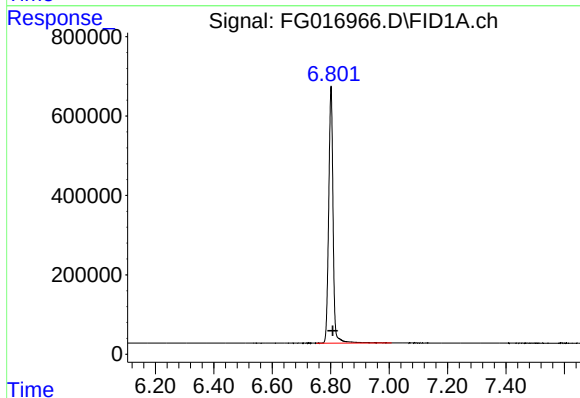




#2 N-DECANE

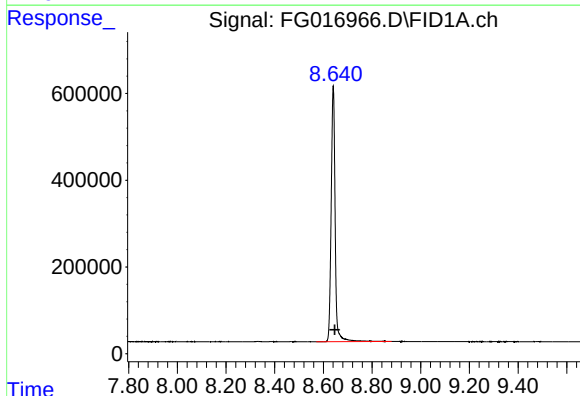
R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 6620122
Conc: 57.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



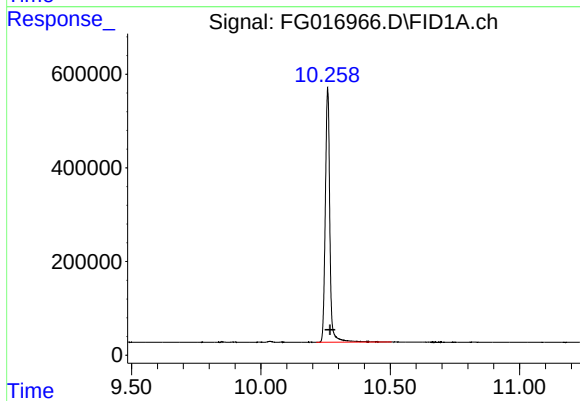
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 6710227
Conc: 57.56 ug/ml



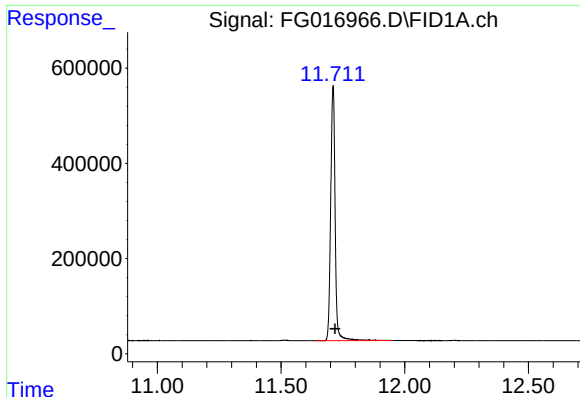
#4 N-TETRADECANE

R.T.: 8.641 min
Delta R.T.: -0.007 min
Response: 6650182
Conc: 58.17 ug/ml



#5 N-HEXADECANE

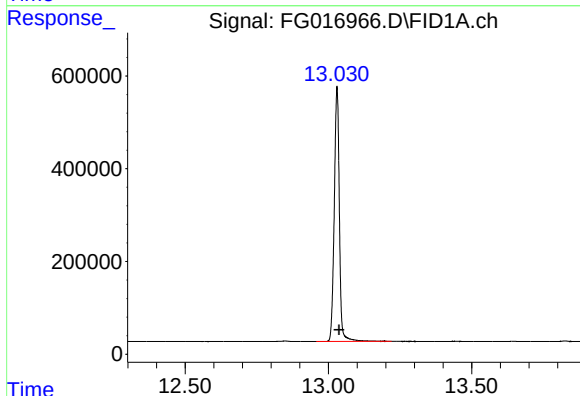
R.T.: 10.258 min
Delta R.T.: -0.009 min
Response: 6566530
Conc: 57.18 ug/ml



#6 N-OCTADECANE

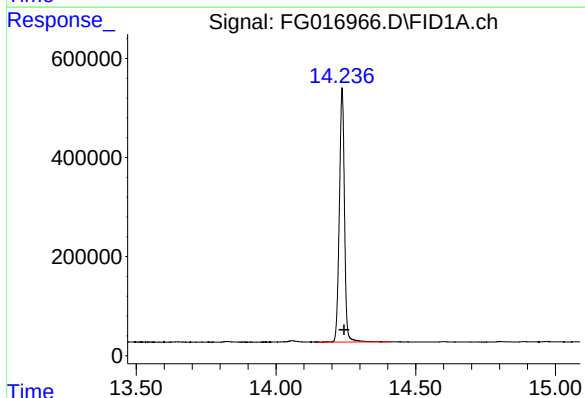
R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 6700213
Conc: 55.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



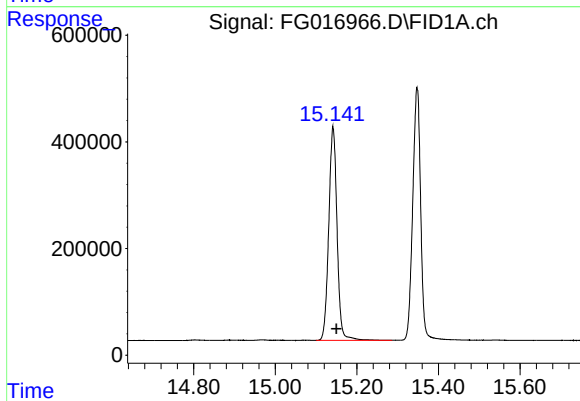
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: -0.008 min
Response: 6792043
Conc: 53.93 ug/ml



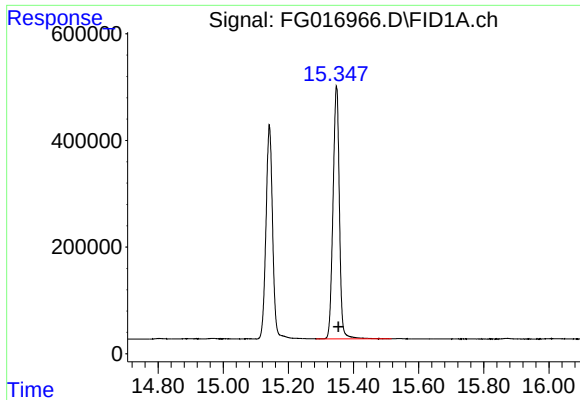
#8 N-DOCOSANE

R.T.: 14.237 min
Delta R.T.: -0.007 min
Response: 6535345
Conc: 53.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

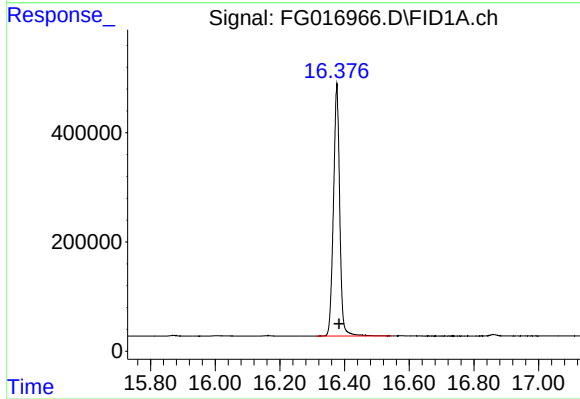
R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 5680011
Conc: 52.80 ug/ml



#10 N-TETRACOSANE

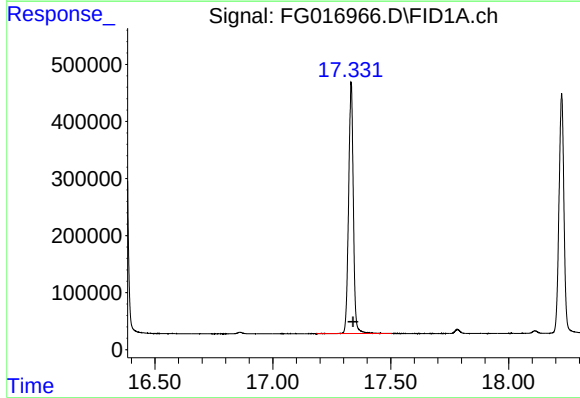
R.T.: 15.348 min
Delta R.T.: -0.006 min
Response: 6431303
Conc: 52.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: -0.007 min
Response: 6193001
Conc: 52.44 ug/ml



#12 N-OCTACOSANE

R.T.: 17.332 min
Delta R.T.: -0.007 min
Response: 6179444
Conc: 52.23 ug/ml