

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059867.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2022 5:54
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 06:15:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.647	2821015	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.017	2204915	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	2.623	2483666	19.449 ug/ml
2) T n-Decane (C10)	3.622	2621589	20.700 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2954185	20.063 ug/ml
4) T n-Dodecane (C12)	5.577	2739698	20.833 ug/ml
5) T A~2-methylnaphthalene...	6.184	2989730	19.889 ug/ml
6) T n-Tetradecane (C14)	7.329	2724798	20.250 ug/ml
7) T n-Hexadecane (C16)	8.894	2741642	19.981 ug/ml
8) T n-Octadecane (C18)	10.302	2712738	19.685 ug/ml
10) T n-Eicosane (C20)	11.582	2609892	19.405 ug/ml
11) T n-Heneicosane (C21)	12.180	2567877	19.249 ug/ml
13) T n-Docosane (C22)	12.753	2572008	19.598 ug/ml
14) T n-Tetracosane (C24)	13.831	2562258	20.364 ug/ml
15) T n-Hexacosane (C26)	14.830	2416100	20.230 ug/ml
16) T n-Octacosane (C28)	15.758	2515737	22.098 ug/ml
17) T n-Tricontane (C30)	16.625	2708731	24.642 ug/ml
18) T n-Dotriacontane (C32)	17.440	1748515	16.913 ug/ml

(f)=RT Delta > 1/2 Window

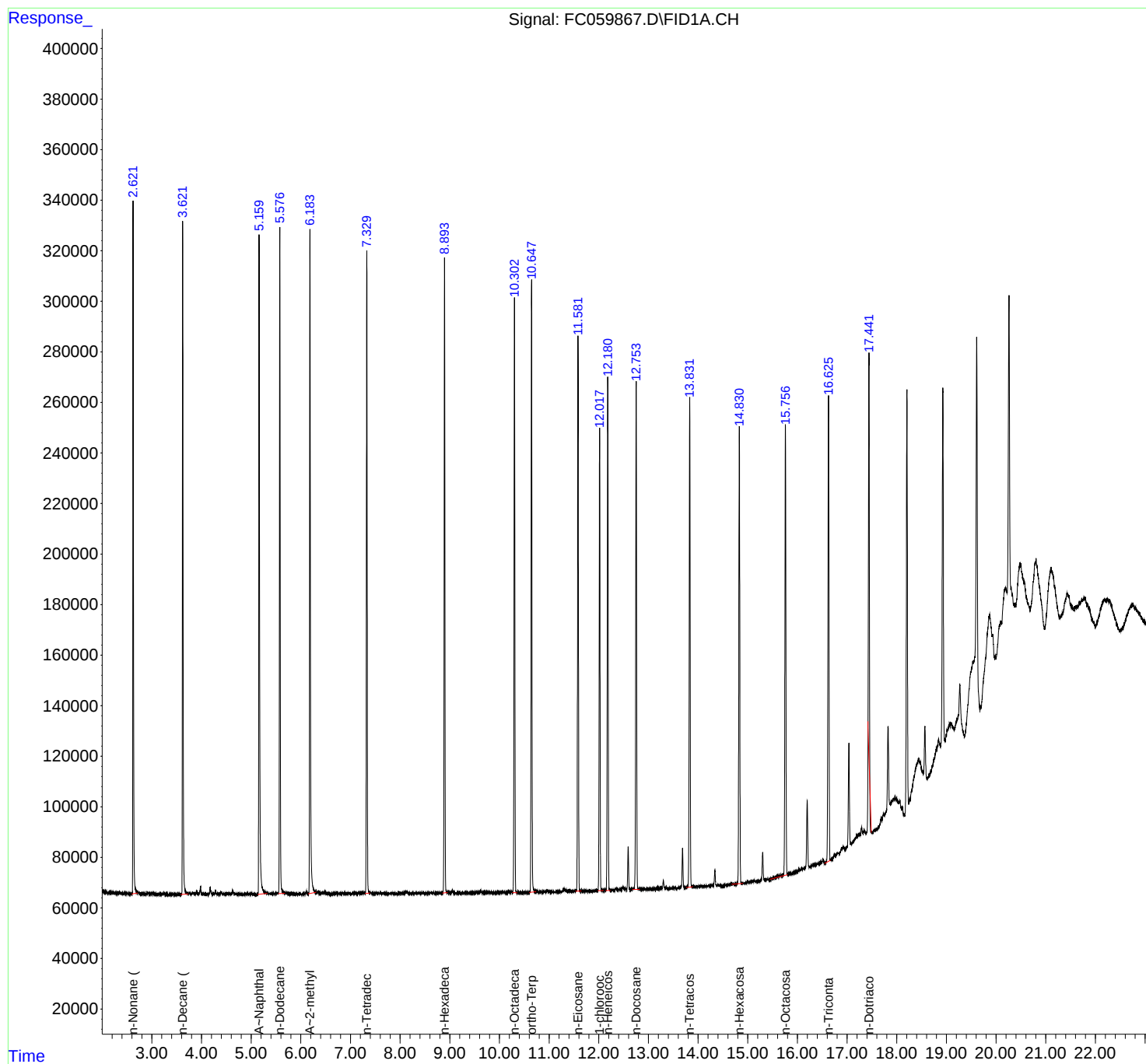
(m)=manual int.

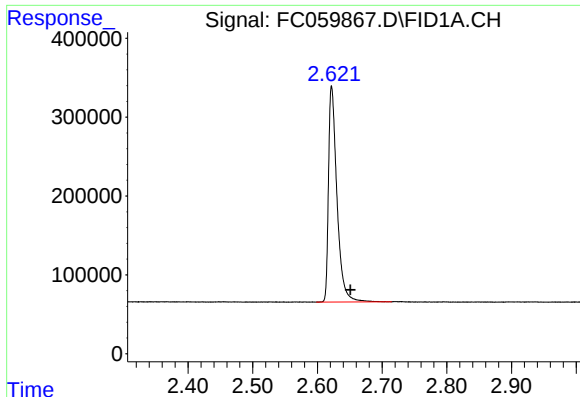
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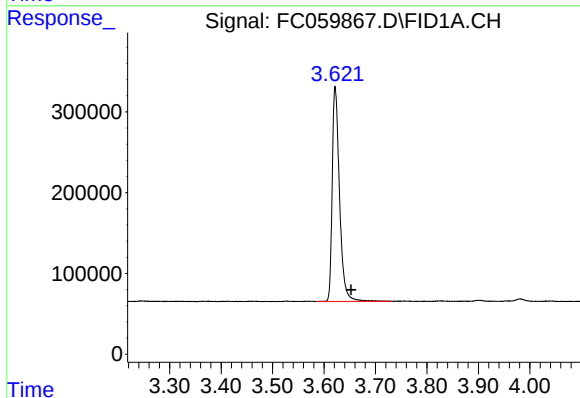




#1 n-Nonane (C9)

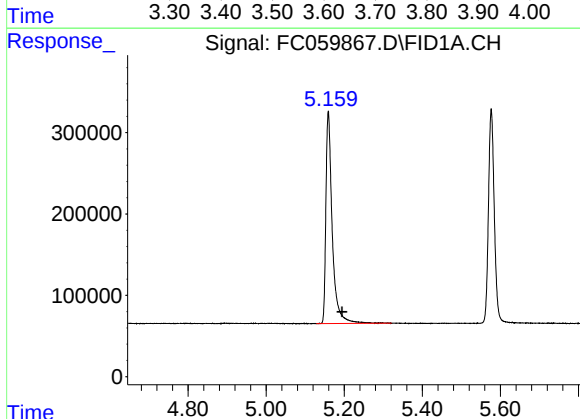
R.T.: 2.623 min
Delta R.T.: -0.028 min
Response: 2483666
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :



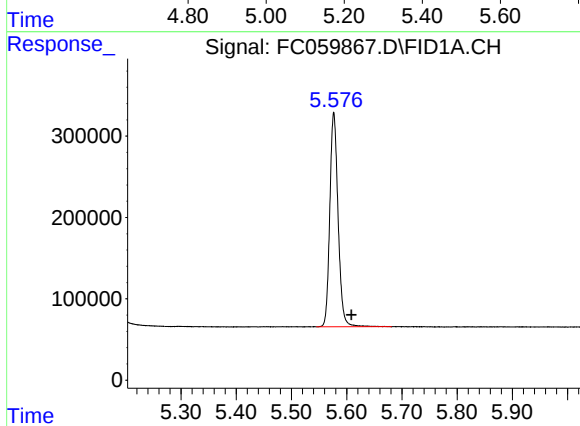
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.030 min
Response: 2621589
Conc: 20.70 ug/ml



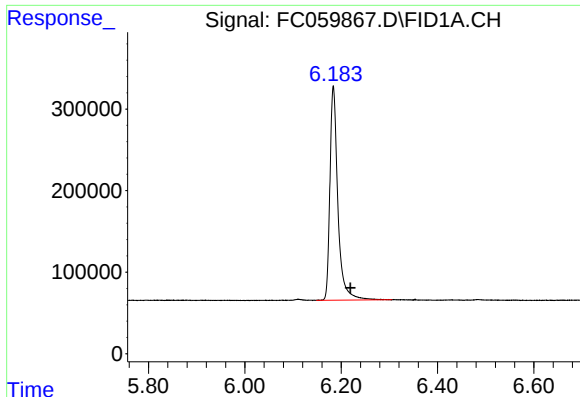
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.035 min
Response: 2954185
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

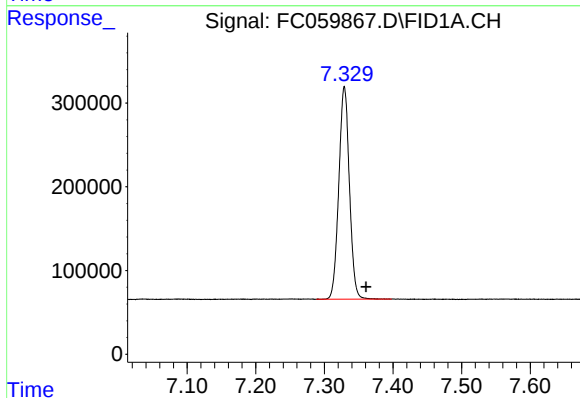
R.T.: 5.577 min
Delta R.T.: -0.032 min
Response: 2739698
Conc: 20.83 ug/ml



#5 A~2-methylnaphthalene (C12.89)

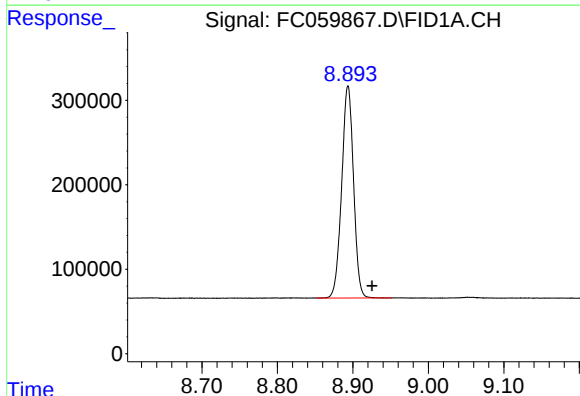
R.T.: 6.184 min
Delta R.T.: -0.035 min
Response: 2989730
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



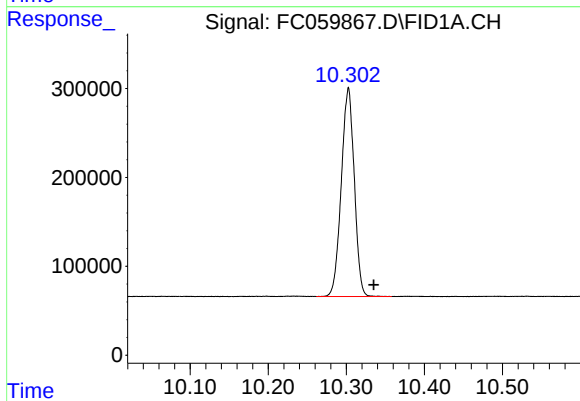
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.032 min
Response: 2724798
Conc: 20.25 ug/ml



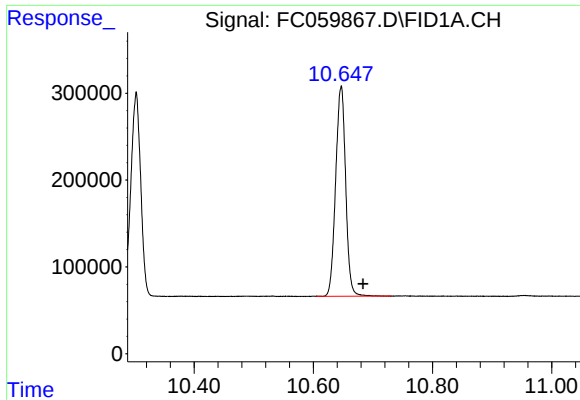
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.032 min
Response: 2741642
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

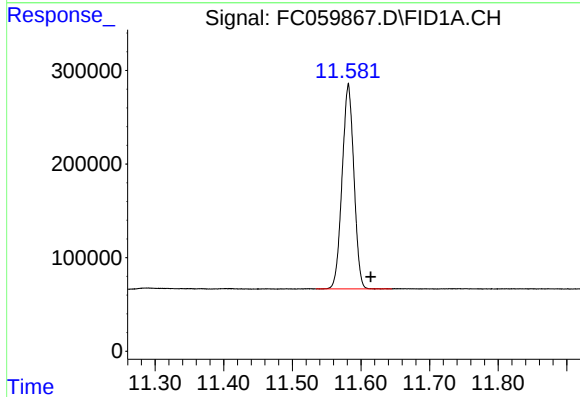
R.T.: 10.302 min
Delta R.T.: -0.033 min
Response: 2712738
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

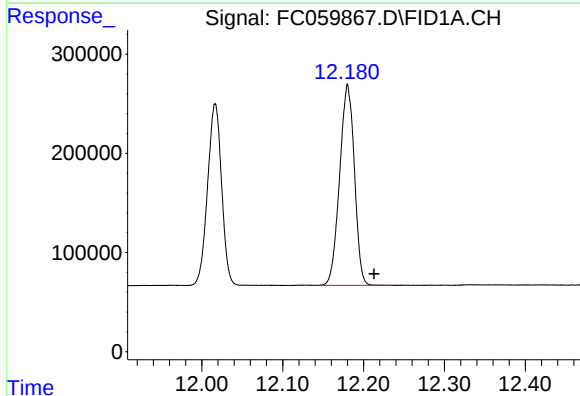
R.T.: 10.647 min
Delta R.T.: -0.037 min
Response: 2821015
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



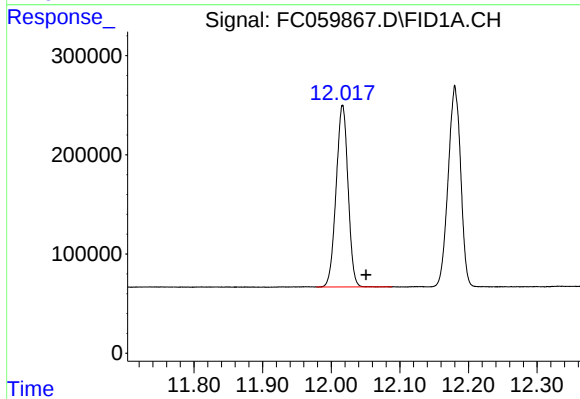
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.033 min
Response: 2609892
Conc: 19.40 ug/ml



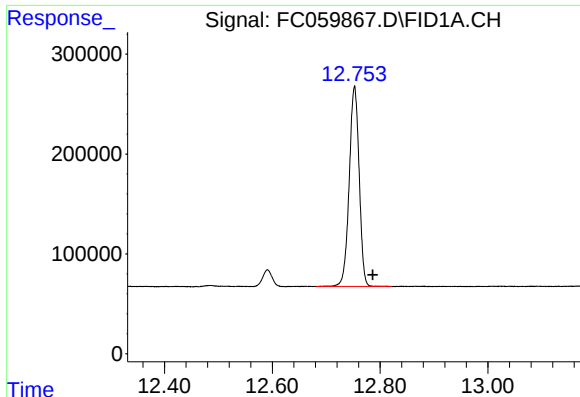
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.033 min
Response: 2567877
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

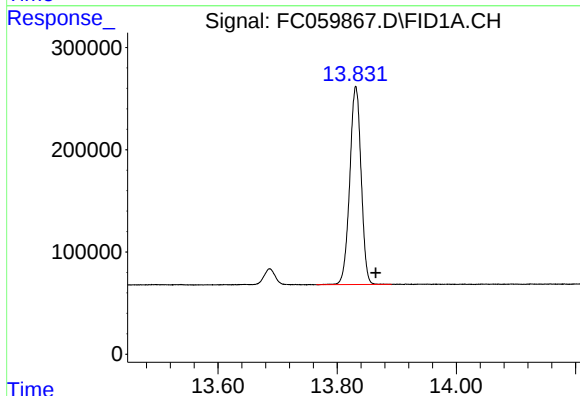
R.T.: 12.017 min
Delta R.T.: -0.035 min
Response: 2204915
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

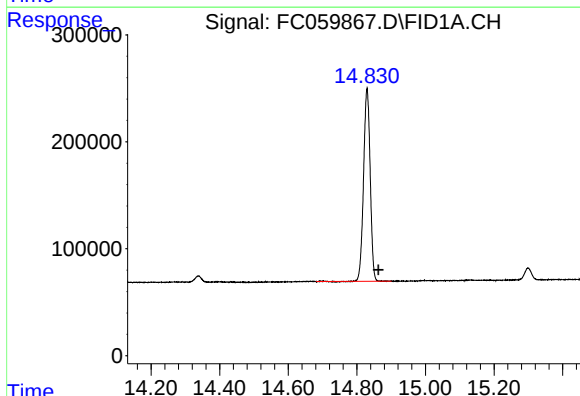
R.T.: 12.753 min
Delta R.T.: -0.034 min
Response: 2572008
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



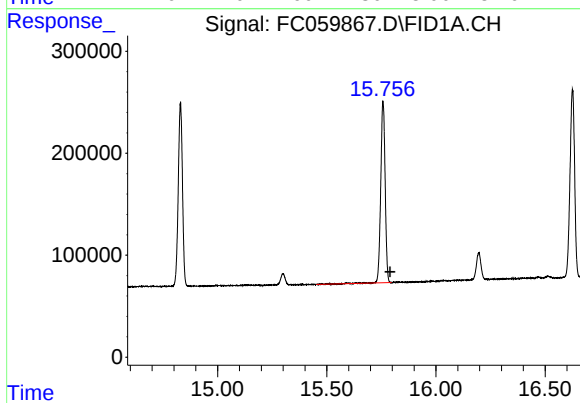
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 2562258
Conc: 20.36 ug/ml



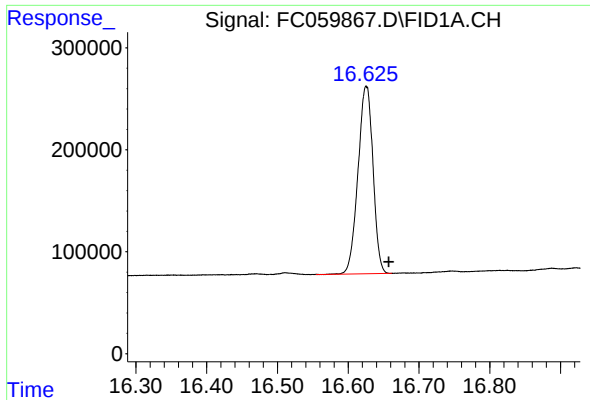
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.033 min
Response: 2416100
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

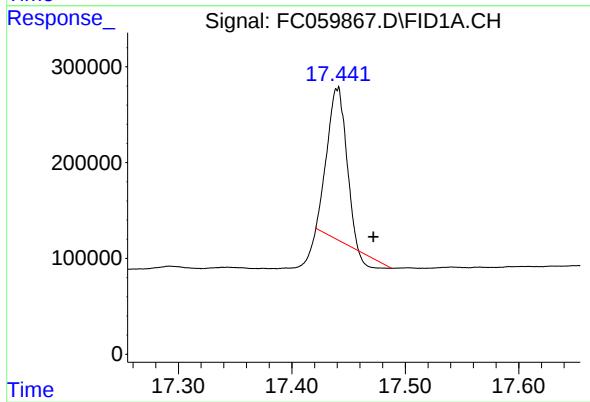
R.T.: 15.758 min
Delta R.T.: -0.033 min
Response: 2515737
Conc: 22.10 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.032 min
Response: 2708731
Conc: 24.64 ug/ml

Instrument :
FID_C
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 17.440 min
Delta R.T.: -0.032 min
Response: 1748515
Conc: 16.91 ug/ml