

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
 Data File : FC063999.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2023 20:50
 Operator : YP/AJ
 Sample : 03412-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DUCT-1MS

Integration File: autoint1.e
 Quant Time: Jun 27 03:55:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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			
12) S 1-chlorooctadecane (S...	12.962	6157567	44.257 ug/ml
Spiked Amount 50.000		Recovery =	88.51%
Target Compounds			
1) T n-Nonane (C9)	3.309	4708512	26.400 ug/ml
2) T n-Decane (C10)	4.372	5641001	31.174 ug/ml
4) T n-Dodecane (C12)	6.385	6542712	36.318 ug/ml
6) T n-Tetradecane (C14)	8.178	7027195	40.622 ug/ml
7) T n-Hexadecane (C16)	9.775	7611590	43.818 ug/ml
8) T n-Octadecane (C18)	11.214	8154040	47.312 ug/ml
10) T n-Eicosane (C20)	12.520	7965369	48.793 ug/ml
11) T n-Heneicosane (C21)	13.130	7849213	48.989 ug/ml
13) T n-Docosane (C22)	13.714	7766717	49.427 ug/ml
14) T n-Tetracosane (C24)	14.814	7588725	48.145 ug/ml
15) T n-Hexacosane (C26)	15.833	7453523	49.333 ug/ml
16) T n-Octacosane (C28)	16.780	7378712	48.969 ug/ml
17) T n-Tricontane (C30)	17.664	7369300	47.201 ug/ml
18) T n-Dotriacontane (C32)	18.496	7239209	45.824 ug/ml
19) T n-Tetratriacontane (C34)	19.276	7102283	46.155 ug/ml
20) T n-Hexatriacontane (C36)	20.015	6800319	46.061 ug/ml
21) T n-Octatriacontane (C38)	20.736	6638897	44.819 ug/ml
22) T n-Tetracontane (C40)	21.630	6625522	45.456 ug/ml

(f)=RT Delta > 1/2 Window

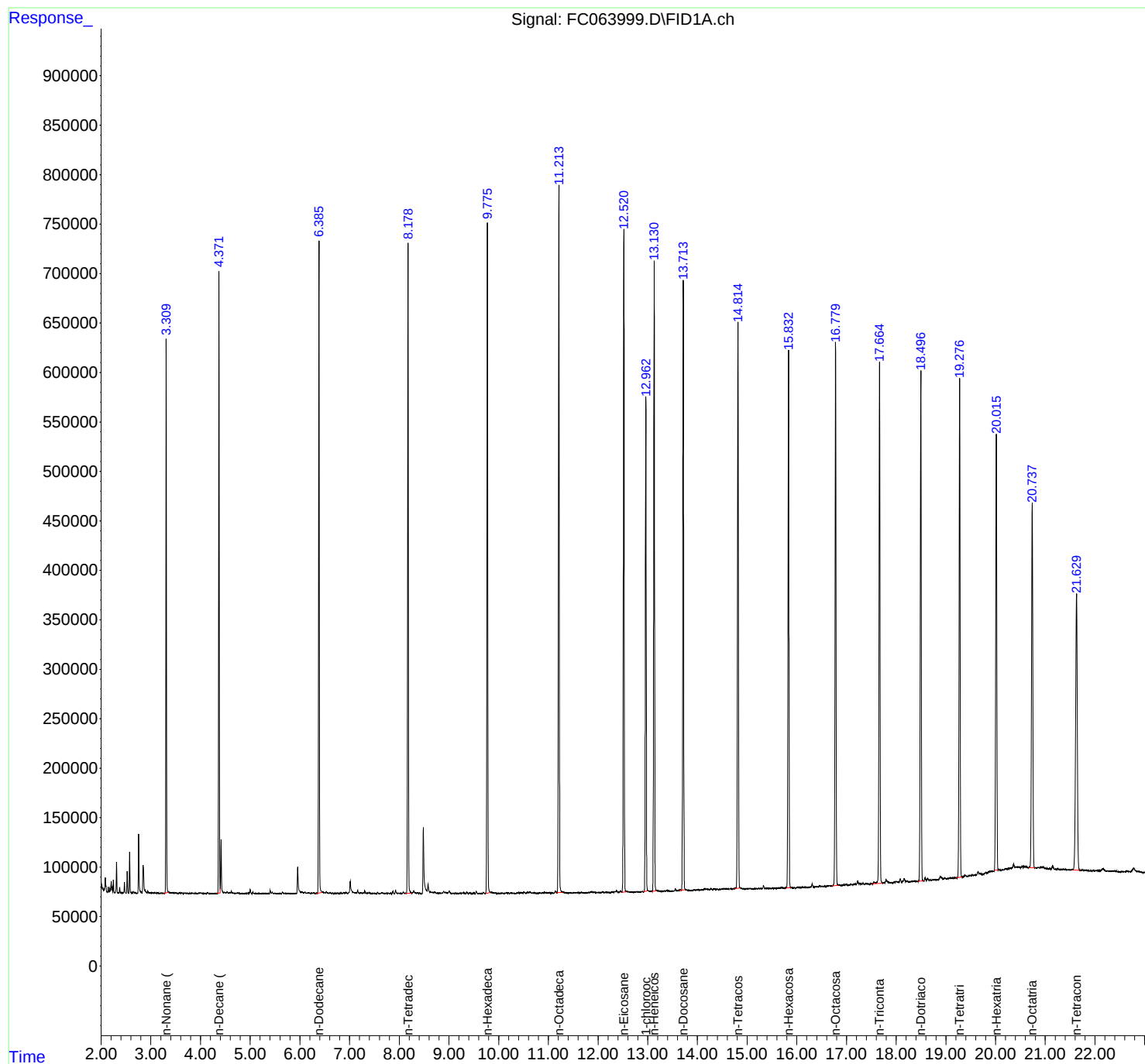
(m)=manual int.

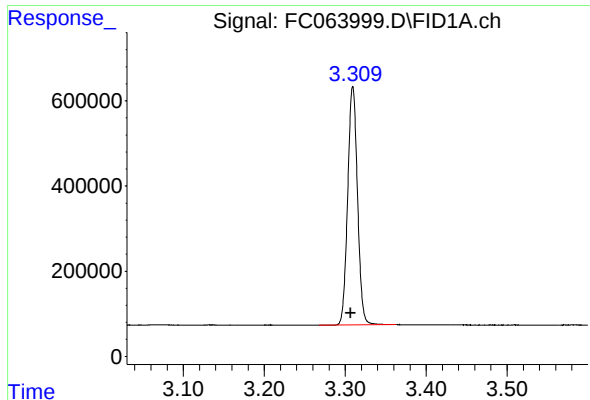
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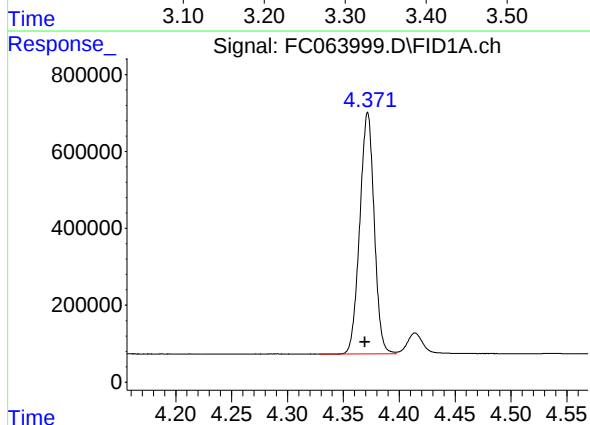




#1 n-Nonane (C9)

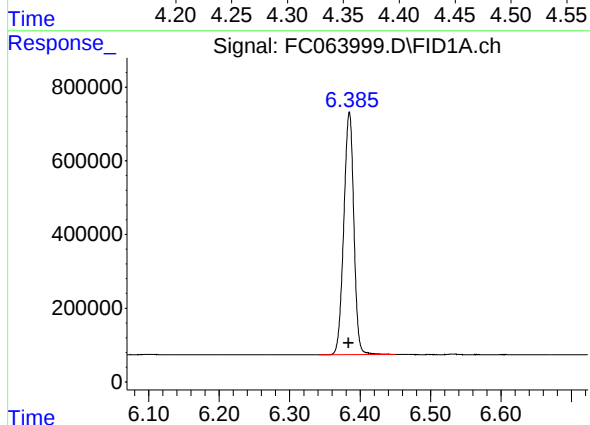
R.T.: 3.309 min
Delta R.T.: 0.002 min
Response: 4708512
Conc: 26.40 ug/ml

Instrument :
FID_C
ClientSampleId :
DUCT-1MS



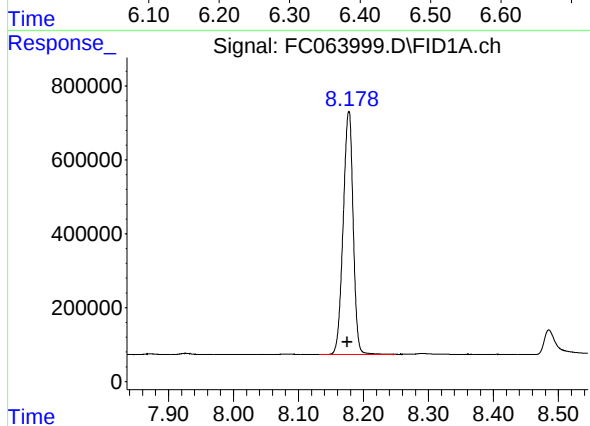
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.003 min
Response: 5641001
Conc: 31.17 ug/ml



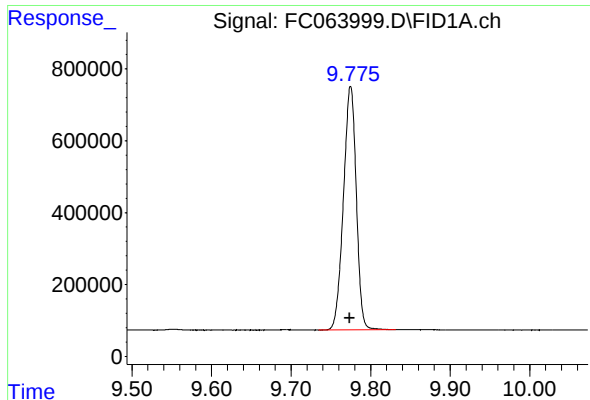
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 6542712
Conc: 36.32 ug/ml



#6 n-Tetradecane (C14)

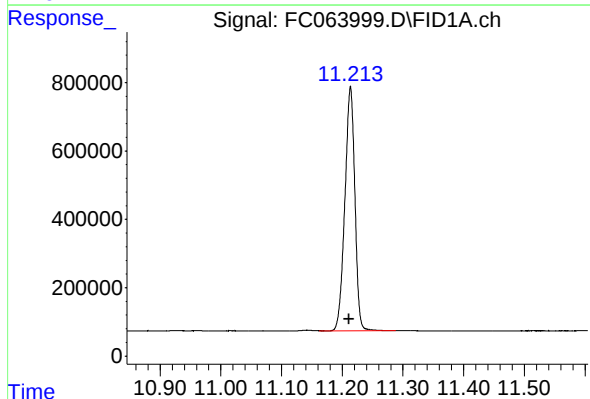
R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 7027195
Conc: 40.62 ug/ml



#7 n-Hexadecane (C16)

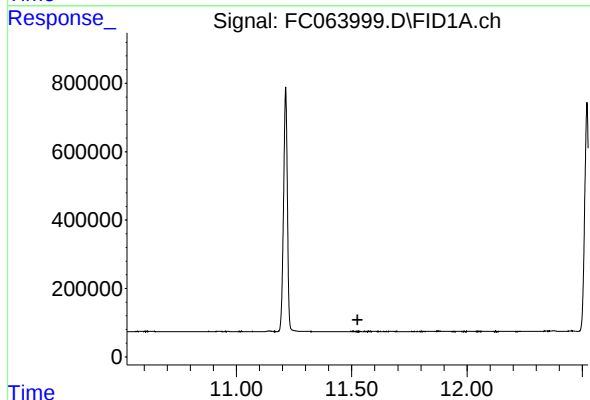
R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 7611590
Conc: 43.82 ug/ml

Instrument :
FID_C
ClientSampleId :
DUCT-1MS



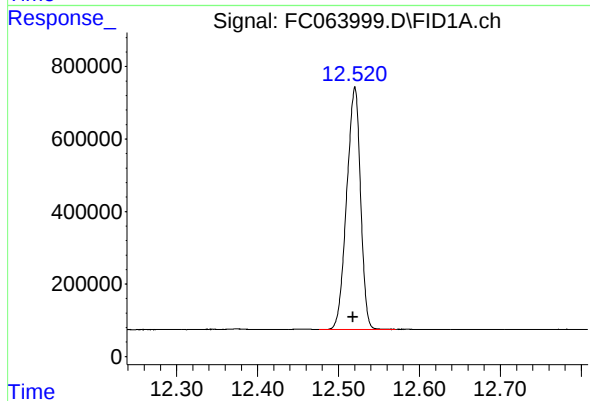
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: 0.003 min
Response: 8154040
Conc: 47.31 ug/ml



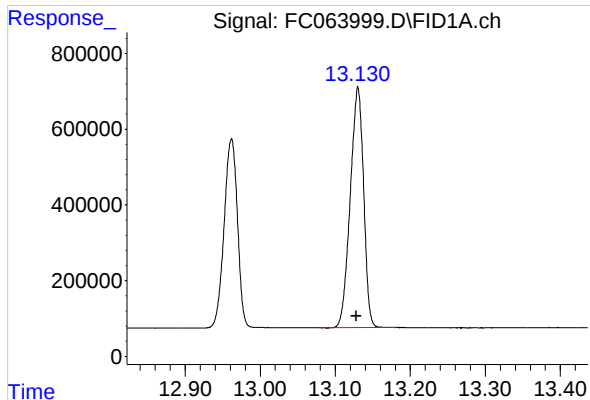
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.525 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

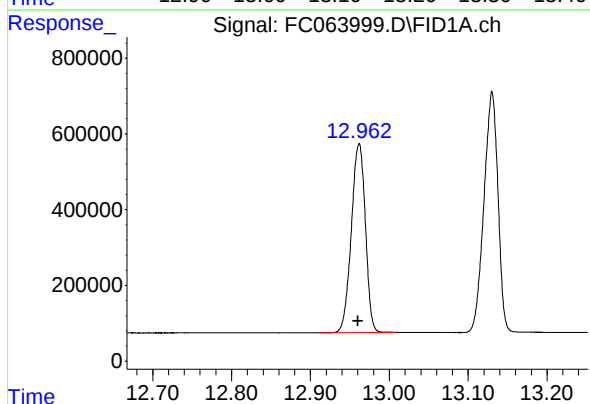
R.T.: 12.520 min
Delta R.T.: 0.002 min
Response: 7965369
Conc: 48.79 ug/ml



#11 n-Heneicosane (C21)

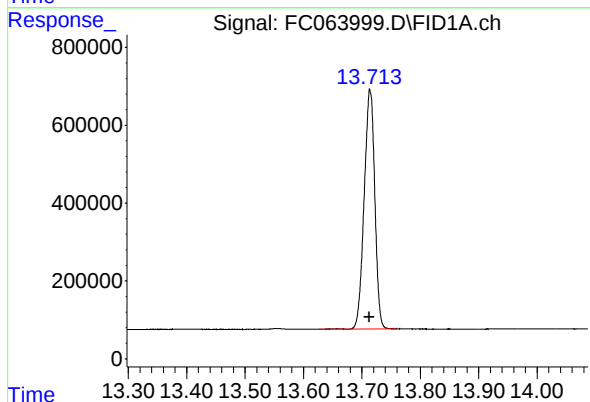
R.T.: 13.130 min
Delta R.T.: 0.002 min
Response: 7849213
Conc: 48.99 ug/ml

Instrument :
FID_C
ClientSampleId :
DUCT-1MS



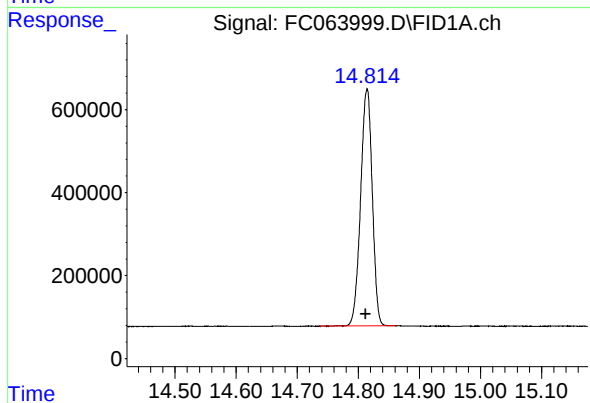
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: 0.001 min
Response: 6157567
Conc: 44.26 ug/ml



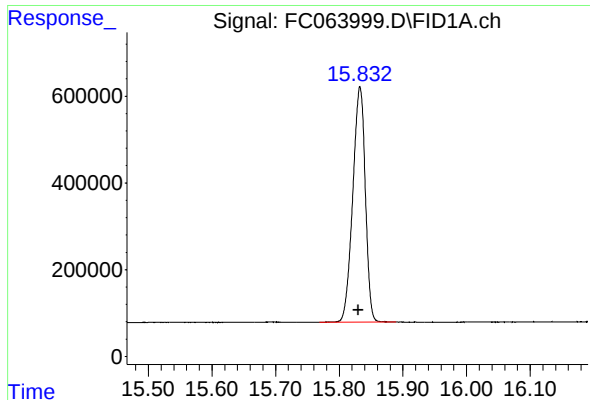
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: 0.001 min
Response: 7766717
Conc: 49.43 ug/ml



#14 n-Tetracosane (C24)

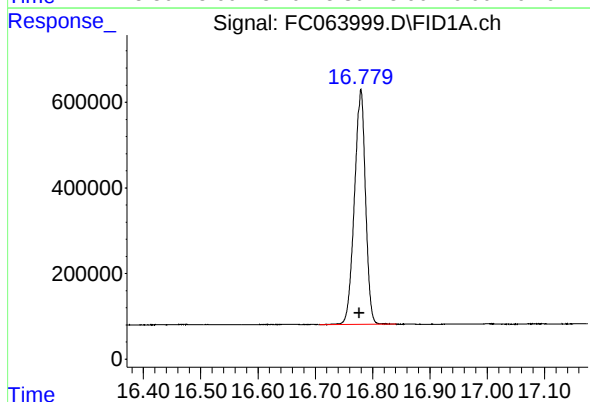
R.T.: 14.814 min
Delta R.T.: 0.002 min
Response: 7588725
Conc: 48.15 ug/ml



#15 n-Hexacosane (C26)

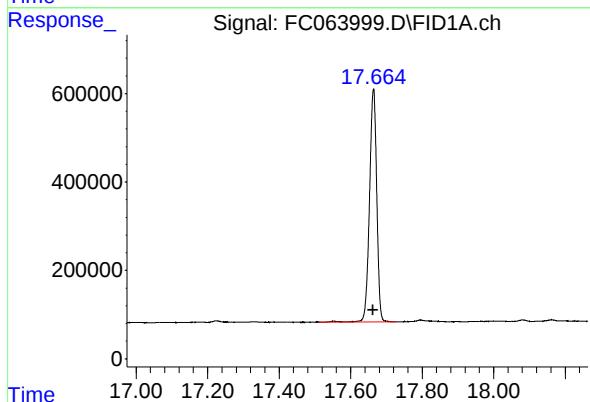
R.T.: 15.833 min
Delta R.T.: 0.002 min
Response: 7453523
Conc: 49.33 ug/ml

Instrument :
FID_C
ClientSampleId :
DUCT-1MS



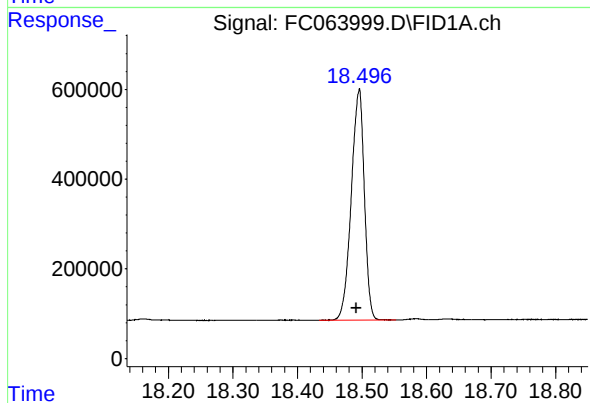
#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.003 min
Response: 7378712
Conc: 48.97 ug/ml



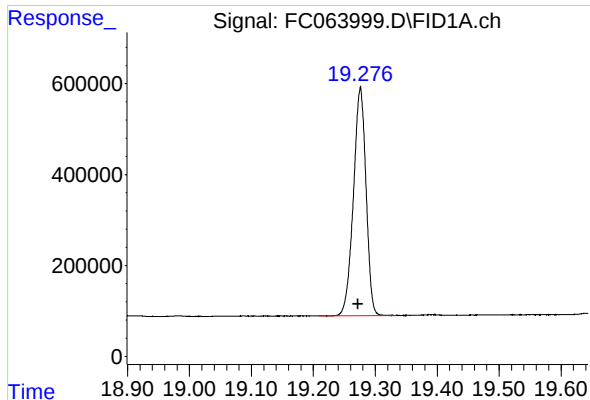
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: 0.002 min
Response: 7369300
Conc: 47.20 ug/ml



#18 n-Dotriacontane (C32)

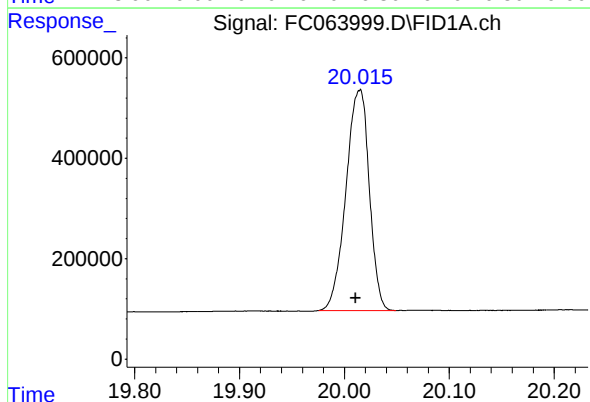
R.T.: 18.496 min
Delta R.T.: 0.005 min
Response: 7239209
Conc: 45.82 ug/ml



#19 n-Tetratriacontane (C34)

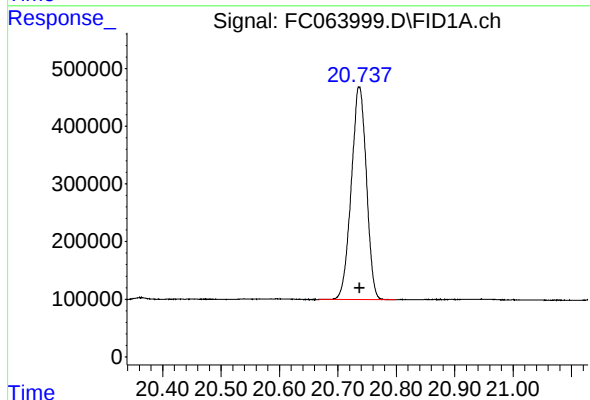
R.T.: 19.276 min
Delta R.T.: 0.004 min
Response: 7102283
Conc: 46.16 ug/ml

Instrument :
FID_C
ClientSampleId :
DUCT-1MS



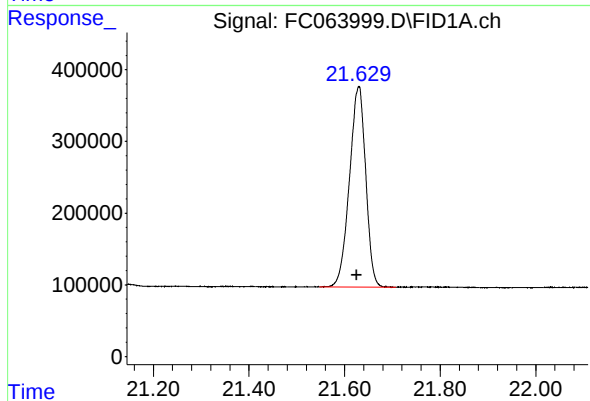
#20 n-Hexatriacontane (C36)

R.T.: 20.015 min
Delta R.T.: 0.004 min
Response: 6800319
Conc: 46.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.001 min
Response: 6638897
Conc: 44.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: 0.005 min
Response: 6625522
Conc: 45.46 ug/ml