

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
 Data File : FC069032.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2025 15:24
 Operator : YP/AJ
 Sample : PB168182BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168182BSD

Integration File: autoint1.e
 Quant Time: May 29 05:44:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 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			
9) S ortho-Terphenyl (SURR)	11.708	4694412	38.059 ug/ml
Spiked Amount 50.000		Recovery =	76.12%
12) S 1-chlorooctadecane (S...	13.140	3699949	41.242 ug/ml
Spiked Amount 50.000		Recovery =	82.48%
Target Compounds			
1) T n-Nonane (C9)	3.452	3910503	36.849 ug/ml
2) T n-Decane (C10)	4.522	4123883	38.939 ug/ml
3) T A~Naphthalene (C11.7)	6.114	4815616	41.645 ug/ml
4) T n-Dodecane (C12)	6.541	4199680	39.951 ug/ml
5) T A~2-methylnaphthalene...	7.171	4405917	38.863 ug/ml
6) T n-Tetradecane (C14)	8.339	4114621	40.141 ug/ml
7) T n-Hexadecane (C16)	9.940	4093125	40.339 ug/ml
8) T n-Octadecane (C18)	11.383	3977029	39.792 ug/ml
10) T n-Eicosane (C20)	12.694	4003183	41.101 ug/ml
11) T n-Heneicosane (C21)	13.306	3808397	39.567 ug/ml
13) T n-Docosane (C22)	13.892	3743596	39.295 ug/ml
14) T n-Tetracosane (C24)	14.989	7767482	82.499 ug/ml
15) T n-Hexacosane (C26)	16.019	3586959	38.635 ug/ml
16) T n-Octacosane (C28)	16.969	3561834	38.319 ug/ml
17) T n-Tricontane (C30)	17.860	3549113	36.681 ug/ml
18) T n-Dotriacontane (C32)	18.691	3491308	35.231 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3408456	35.365 ug/ml
20) T n-Hexatriacontane (C36)	20.217	2908984	30.644 ug/ml
21) T n-Octatriacontane (C38)	20.989	2487372	27.263 ug/ml
22) T n-Tetracontane (C40)	21.962	2058744	23.333 ug/ml

(f)=RT Delta > 1/2 Window

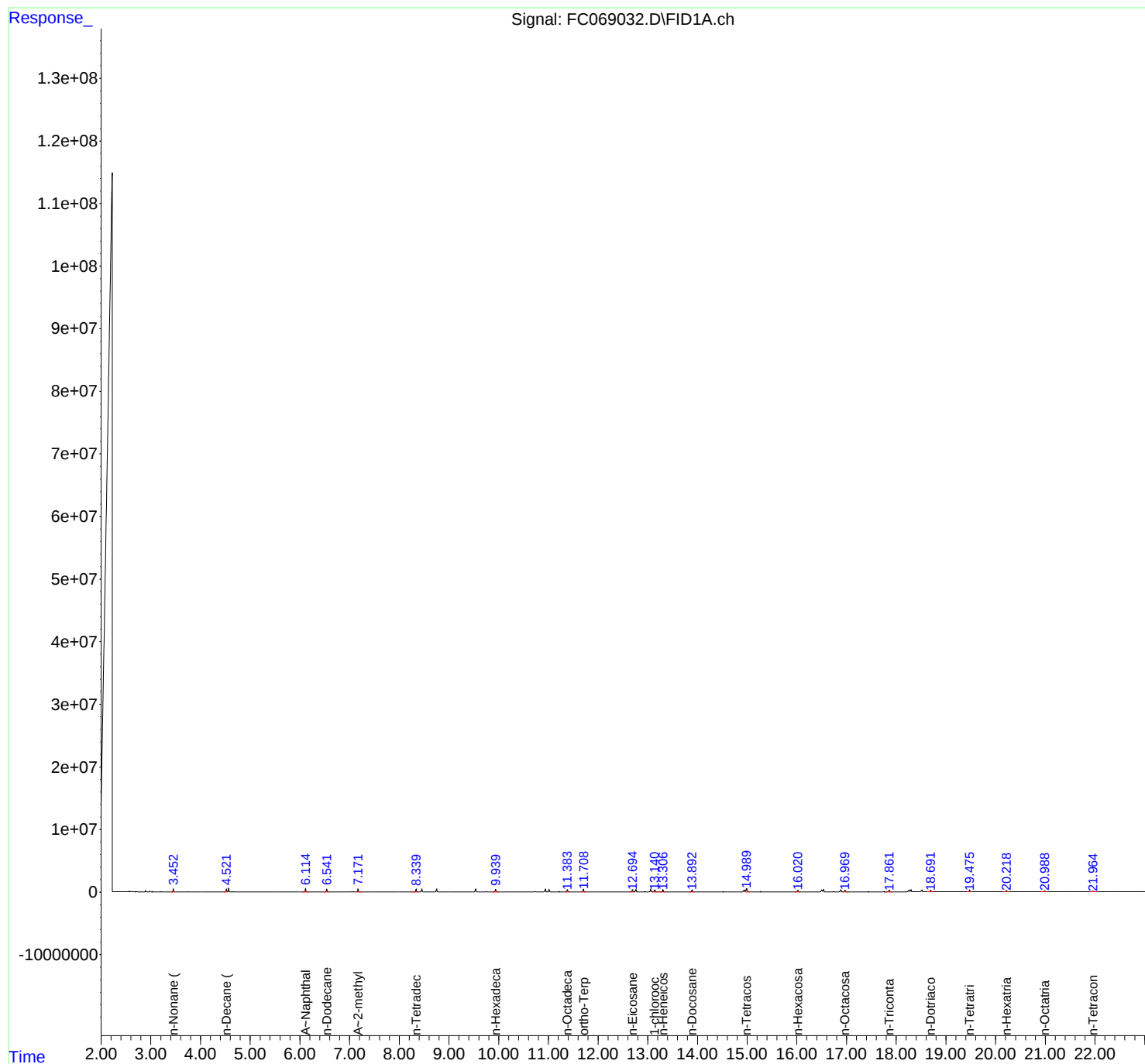
(m)=manual int.

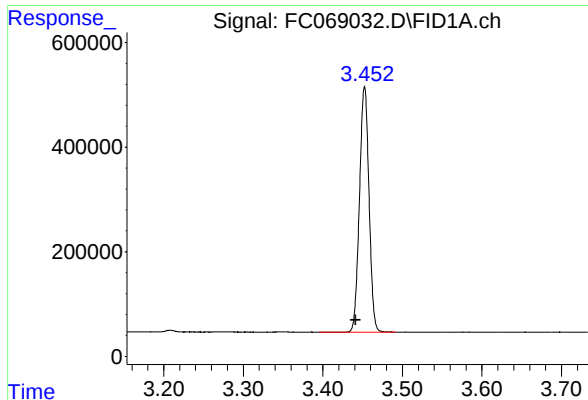
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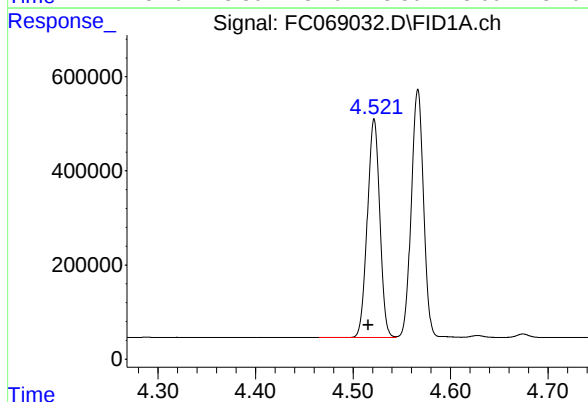




#1 n-Nonane (C9)

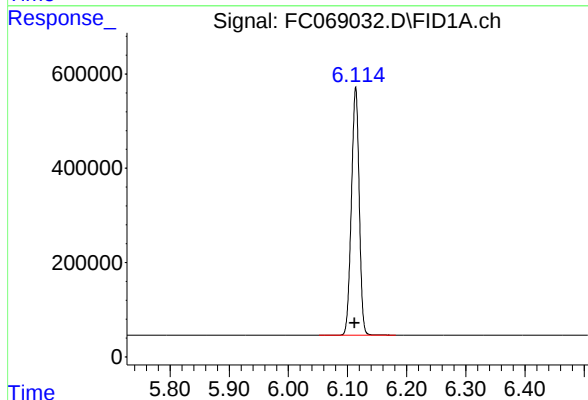
R.T.: 3.452 min
Delta R.T.: 0.011 min
Response: 3910503
Conc: 36.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



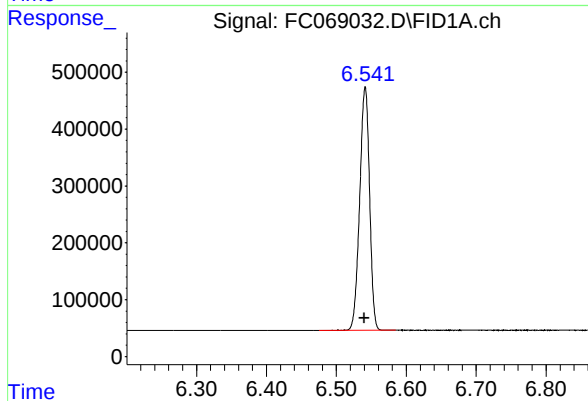
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.006 min
Response: 4123883
Conc: 38.94 ug/ml



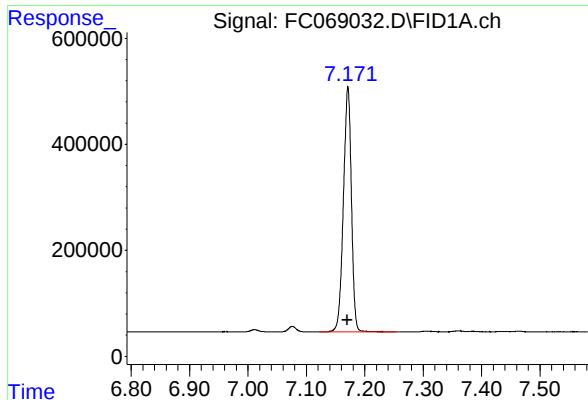
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.002 min
Response: 4815616
Conc: 41.64 ug/ml



#4 n-Dodecane (C12)

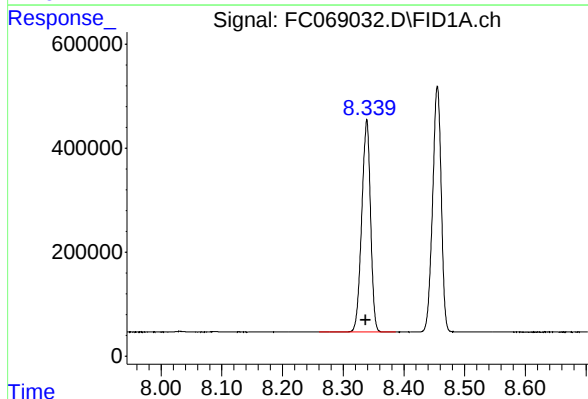
R.T.: 6.541 min
Delta R.T.: 0.001 min
Response: 4199680
Conc: 39.95 ug/ml



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

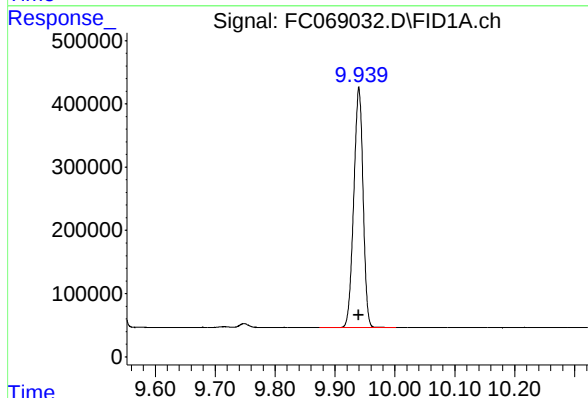
R.T.: 7.171 min
Delta R.T.: 0.001 min
Response: 4405917
Conc: 38.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



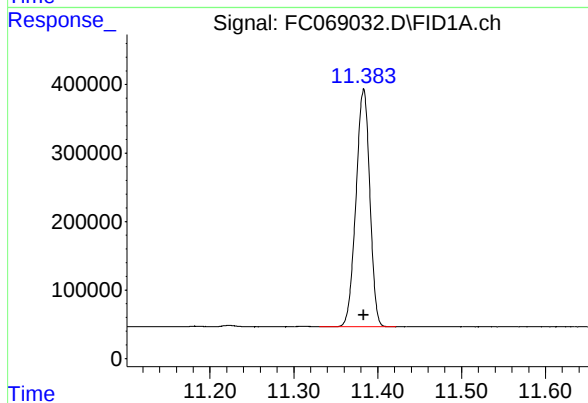
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 4114621
Conc: 40.14 ug/ml



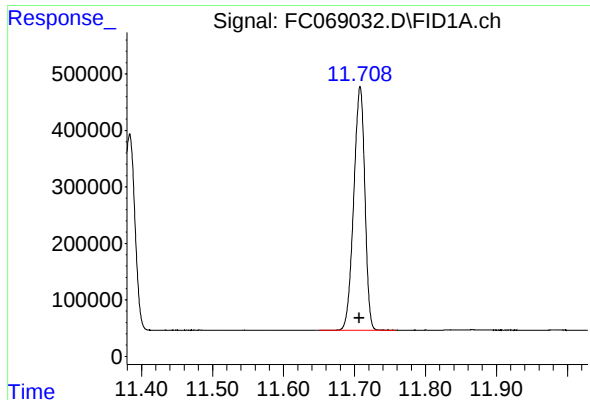
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 4093125
Conc: 40.34 ug/ml



#8 n-Octadecane (C18)

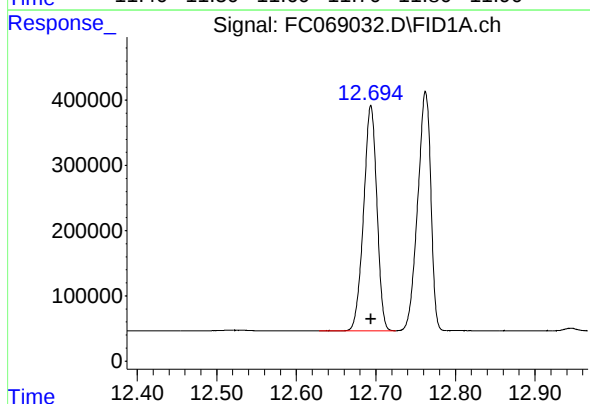
R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 3977029
Conc: 39.79 ug/ml



#9 ortho-Terphenyl (SURR)

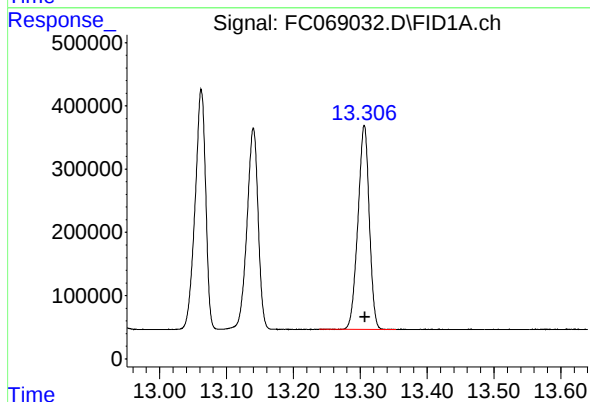
R.T.: 11.708 min
Delta R.T.: 0.000 min
Response: 4694412
Conc: 38.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



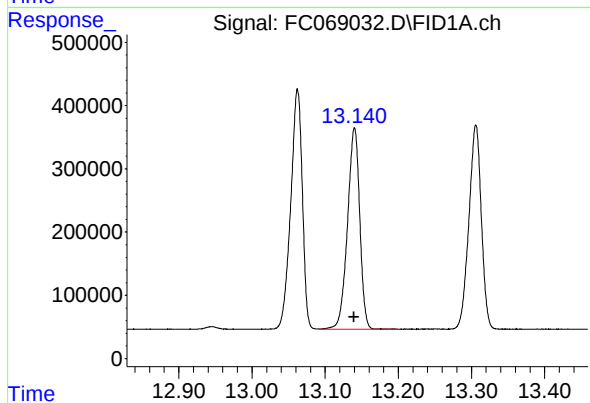
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 4003183
Conc: 41.10 ug/ml



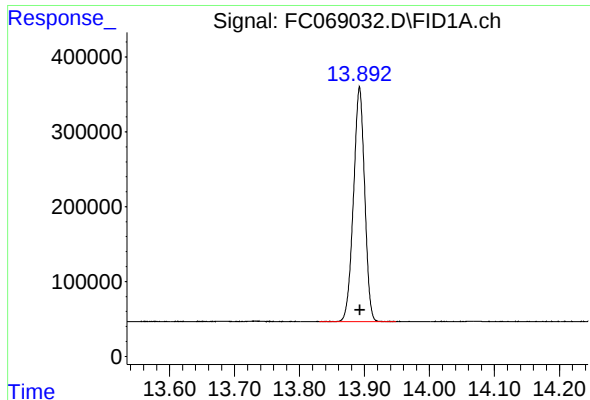
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: 0.000 min
Response: 3808397
Conc: 39.57 ug/ml



#12 1-chlorooctadecane (SURR)

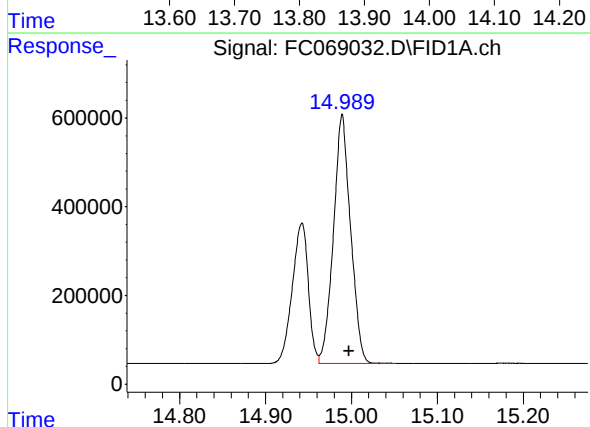
R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 3699949
Conc: 41.24 ug/ml



#13 n-Docosane (C22)

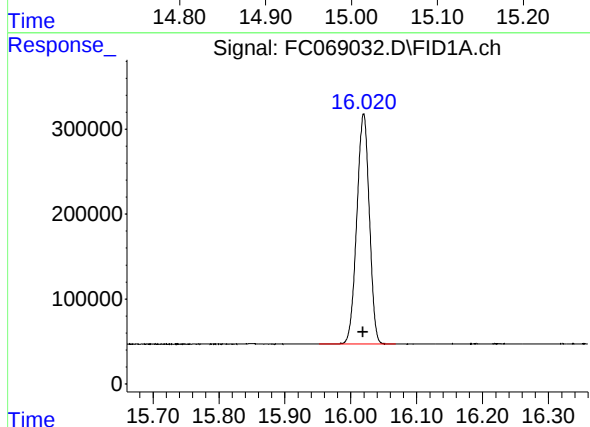
R.T.: 13.892 min
Delta R.T.: -0.001 min
Response: 3743596
Conc: 39.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



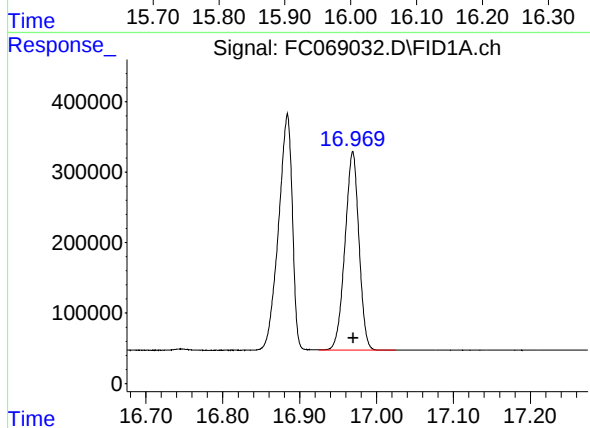
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.008 min
Response: 7767482
Conc: 82.50 ug/ml



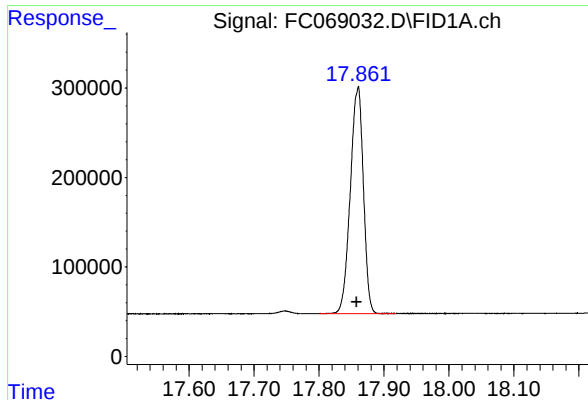
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 3586959
Conc: 38.64 ug/ml



#16 n-Octacosane (C28)

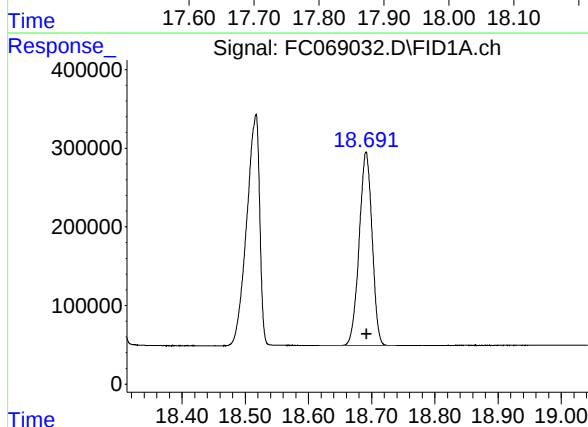
R.T.: 16.969 min
Delta R.T.: 0.000 min
Response: 3561834
Conc: 38.32 ug/ml



#17 n-Tricontane (C30)

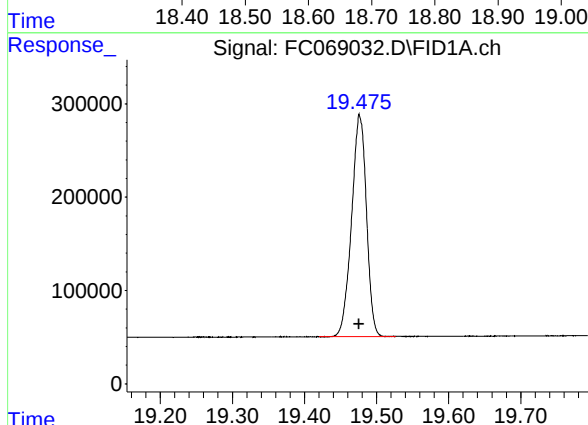
R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 3549113
Conc: 36.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



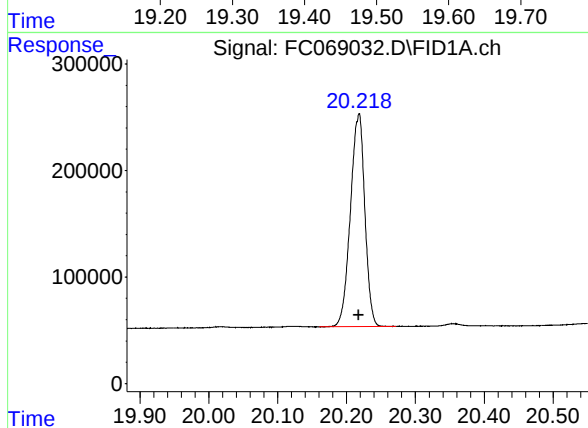
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: 0.000 min
Response: 3491308
Conc: 35.23 ug/ml



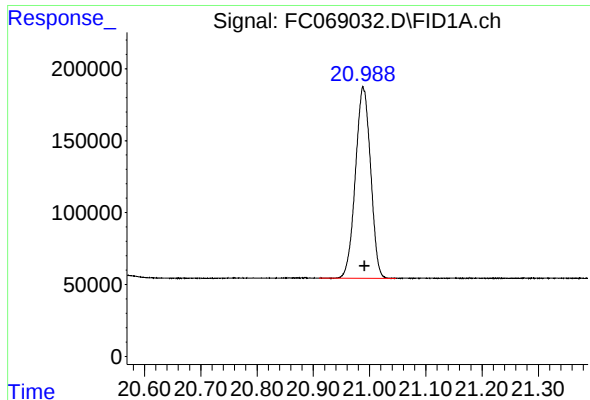
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: 0.001 min
Response: 3408456
Conc: 35.37 ug/ml



#20 n-Hexatriacontane (C36)

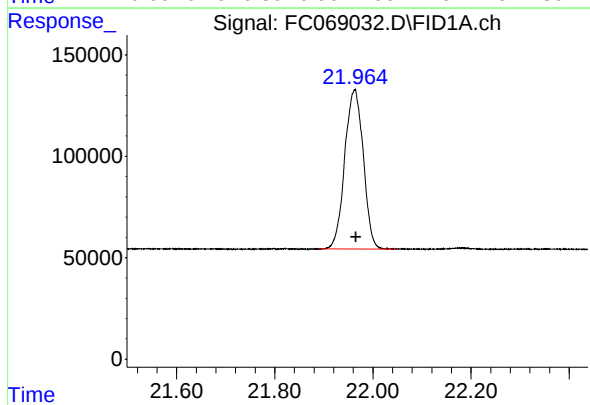
R.T.: 20.217 min
Delta R.T.: 0.000 min
Response: 2908984
Conc: 30.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.002 min
Response: 2487372
Conc: 27.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168182BSD



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.003 min
Response: 2058744
Conc: 23.33 ug/ml