

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044535.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2023 00:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 00:56:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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			
9) S ortho-Terphenyl (SURR)	11.921	3711024	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	13.361	2716280	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.308	3157183	19.447 ug/ml
2) T n-Decane (C10)	4.559	3235809	19.541 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3534926	19.772 ug/ml
4) T n-Dodecane (C12)	6.723	3263667	19.621 ug/ml
5) T A~2-methylnaphthalene...	7.355	3383651	19.777 ug/ml
6) T n-Tetradecane (C14)	8.550	3239917	19.735 ug/ml
7) T n-Hexadecane (C16)	10.159	3352014	19.787 ug/ml
8) T n-Octadecane (C18)	11.605	3364695	19.817 ug/ml
10) T n-Eicosane (C20)	12.915	3186352	19.805 ug/ml
11) T n-Heneicosane (C21)	13.528	3090377	19.736 ug/ml
13) T n-Docosane (C22)	14.115	3049770	19.774 ug/ml
14) T n-Tetracosane (C24)	15.219	2975508	19.684 ug/ml
15) T n-Hexacosane (C26)	16.241	2909212	19.778 ug/ml
16) T n-Octacosane (C28)	17.192	2920236	20.361 ug/ml
17) T n-Tricontane (C30)	18.081	3183333	21.475 ug/ml
18) T n-Dotriacontane (C32)	18.915	3275832	22.129 ug/ml
19) T n-Tetratriacontane (C34)	19.701	3169512	21.688 ug/ml
20) T n-Hexatriacontane (C36)	20.443	3069283	21.160 ug/ml
21) T n-Octatriacontane (C38)	21.186	3085512	20.599 ug/ml
22) T n-Tetracontane (C40)	22.108	3183348	20.172 ug/ml

(f)=RT Delta > 1/2 Window

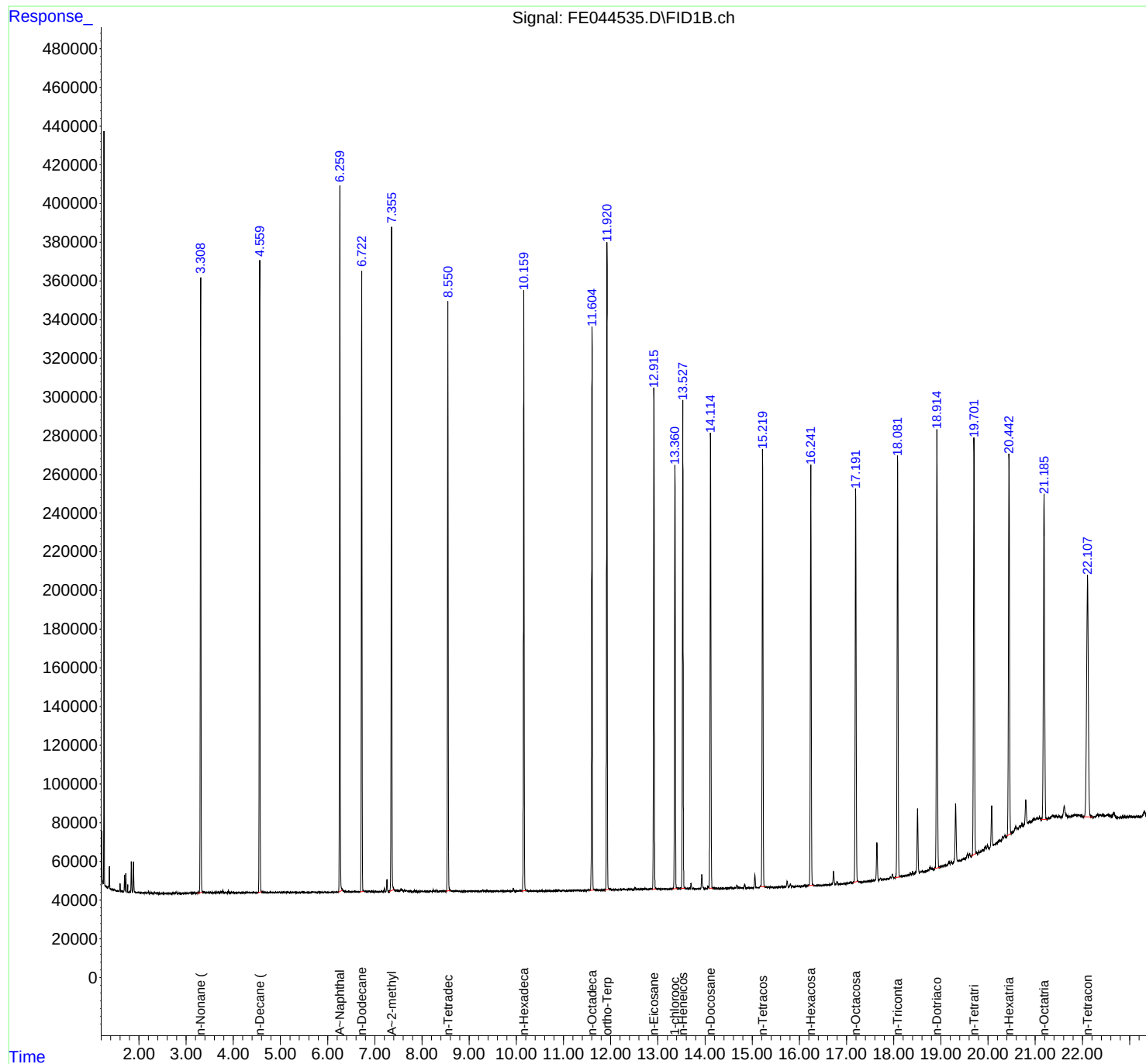
(m)=manual int.

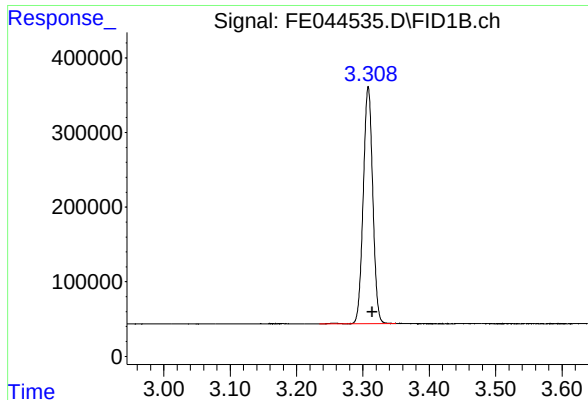
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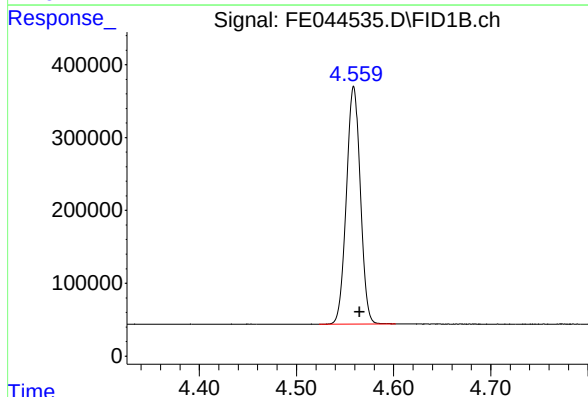




#1 n-Nonane (C9)

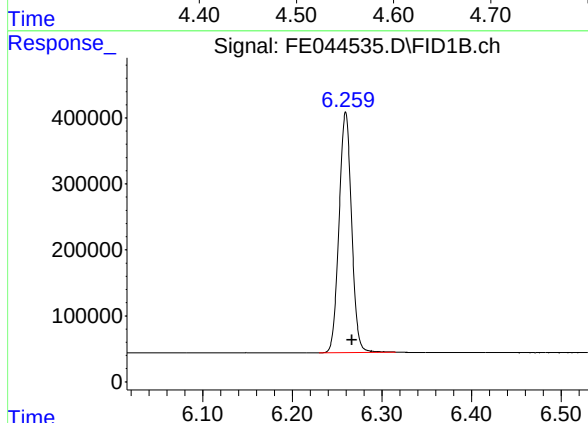
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 3157183
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :



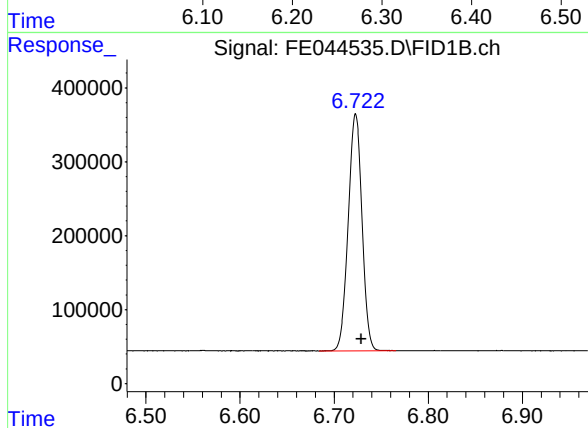
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.006 min
Response: 3235809
Conc: 19.54 ug/ml



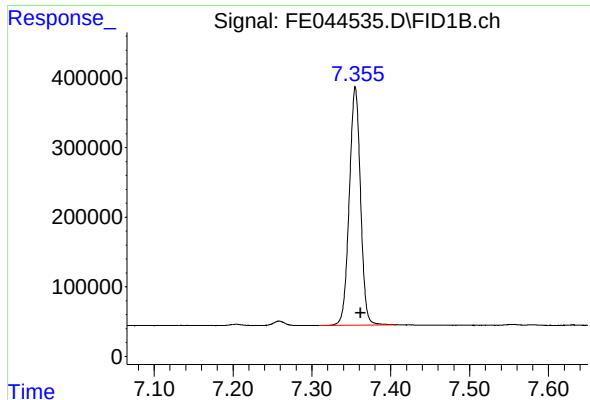
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 3534926
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

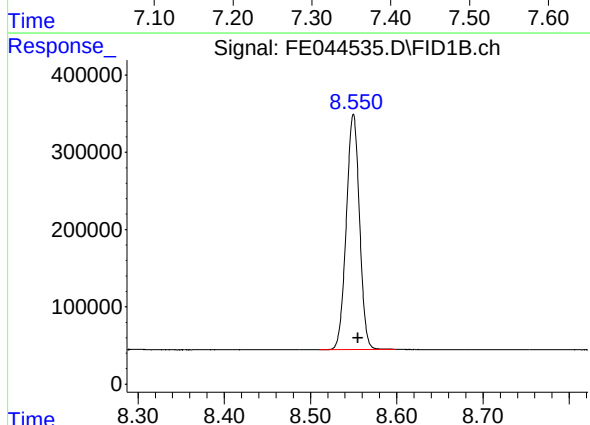
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3263667
Conc: 19.62 ug/ml



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

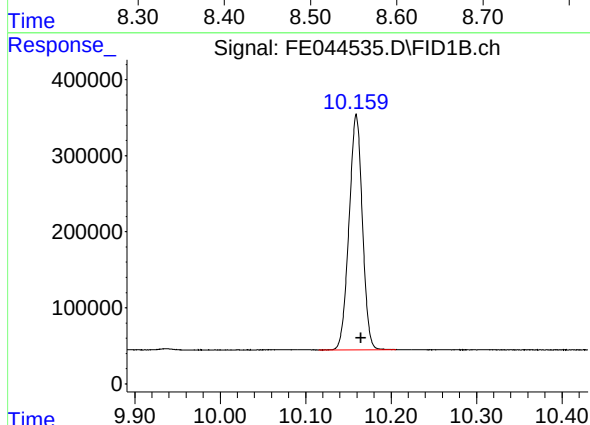
R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 3383651
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :



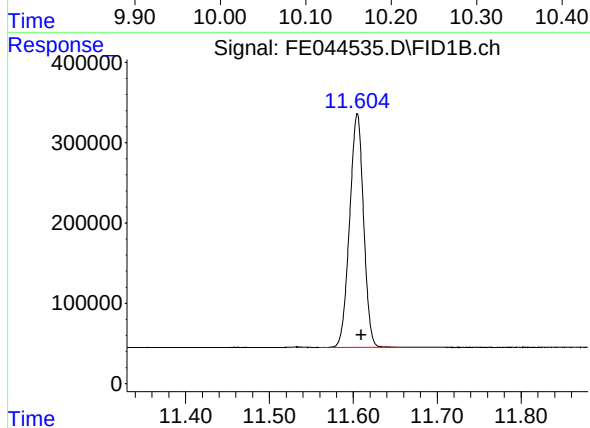
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 3239917
Conc: 19.74 ug/ml



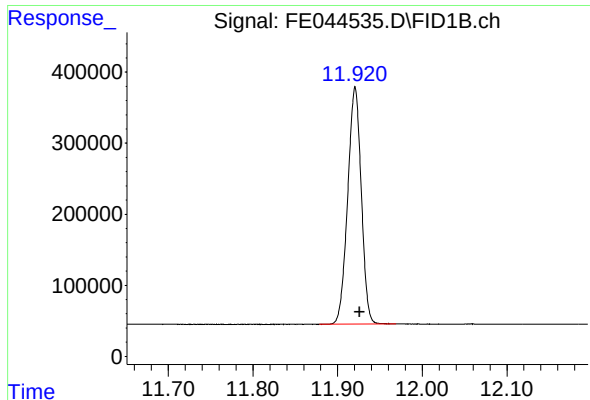
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.005 min
Response: 3352014
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

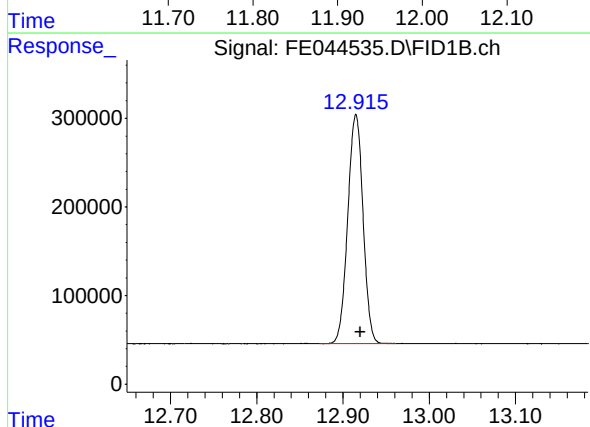
R.T.: 11.605 min
Delta R.T.: -0.005 min
Response: 3364695
Conc: 19.82 ug/ml



#9 ortho-Terphenyl (SURR)

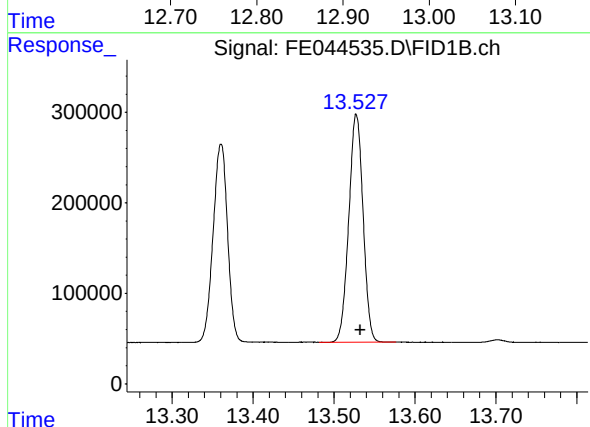
R.T.: 11.921 min
Delta R.T.: -0.006 min
Response: 3711024
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :



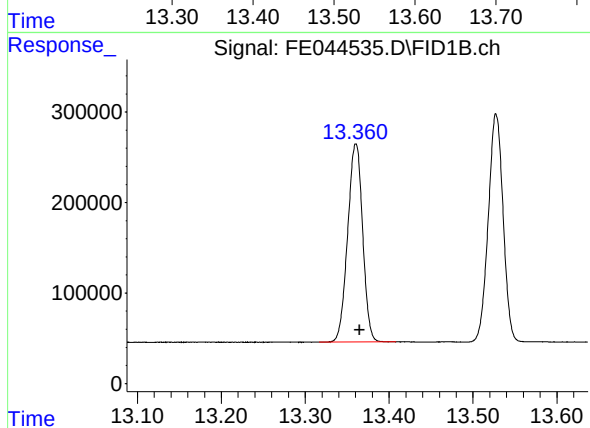
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.005 min
Response: 3186352
Conc: 19.80 ug/ml



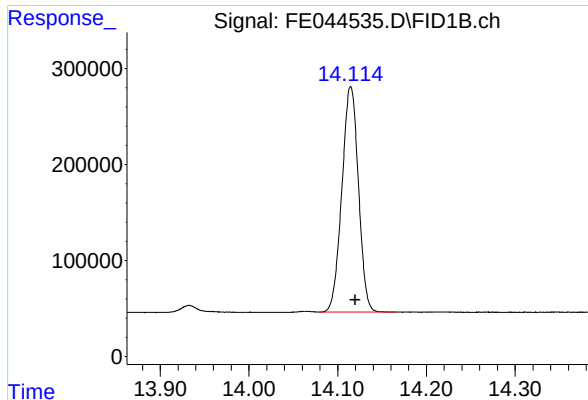
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.005 min
Response: 3090377
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

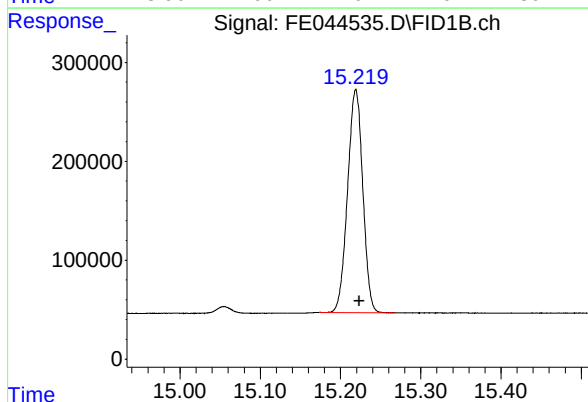
R.T.: 13.361 min
Delta R.T.: -0.005 min
Response: 2716280
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

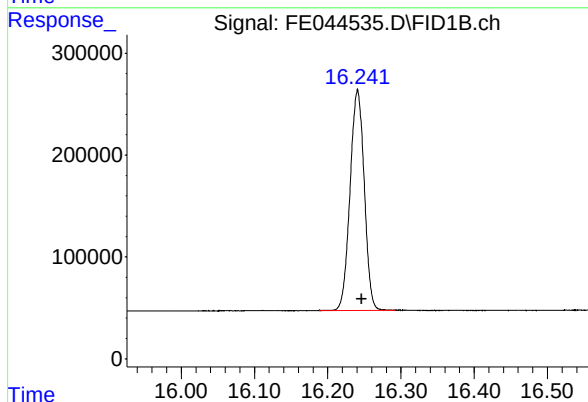
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 3049770
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :



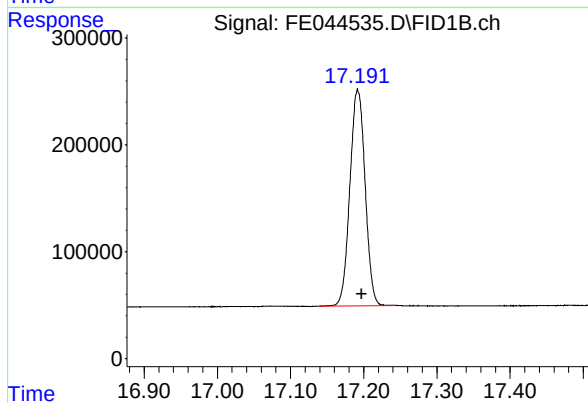
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.004 min
Response: 2975508
Conc: 19.68 ug/ml



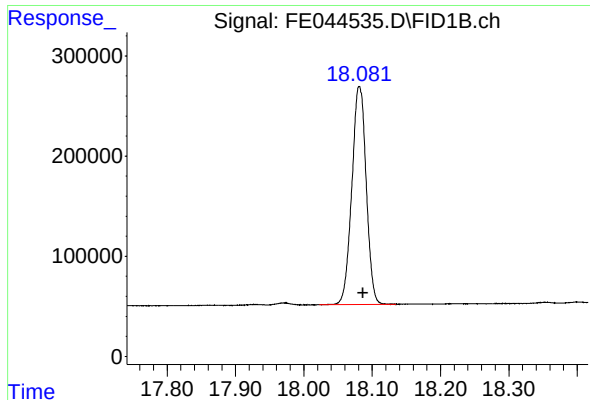
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 2909212
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

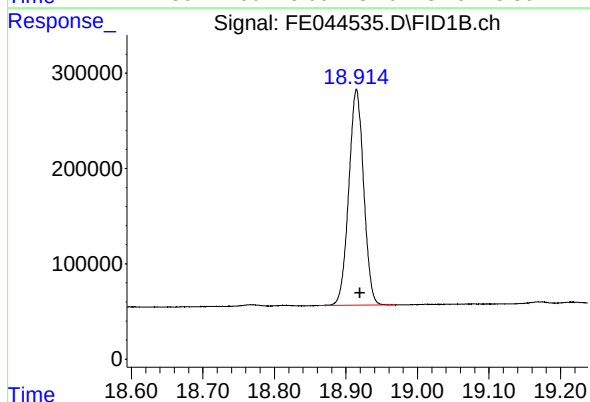
R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 2920236
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

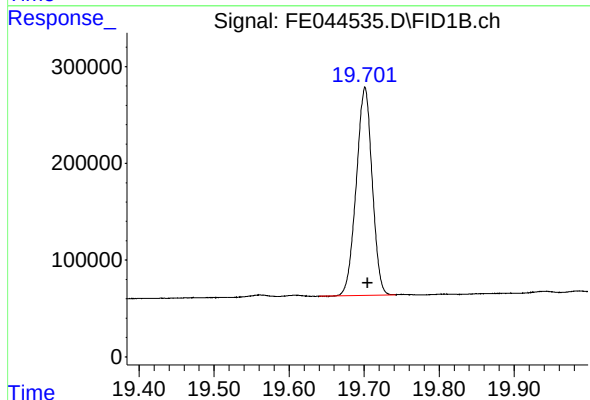
R.T.: 18.081 min
Delta R.T.: -0.005 min
Response: 318333
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :



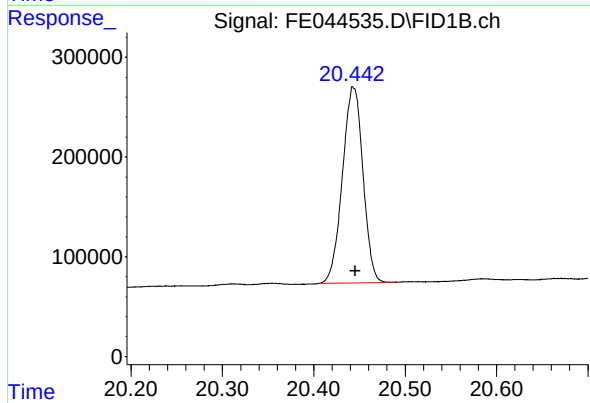
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.005 min
Response: 3275832
Conc: 22.13 ug/ml



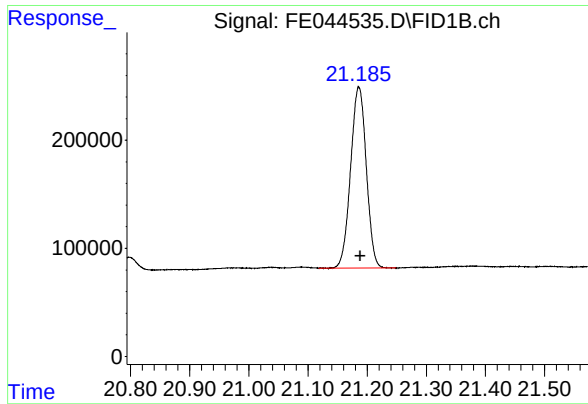
#19 n-Tetatriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.004 min
Response: 3169512
Conc: 21.69 ug/ml



#20 n-Hexatriacontane (C36)

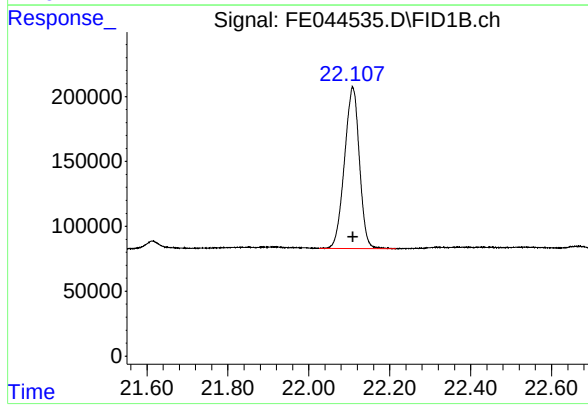
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 3069283
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 3085512
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: 0.000 min
Response: 3183348
Conc: 20.17 ug/ml