

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051962.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 09:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 21 01:01:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.188	2997519	20.972 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
12) S 1-chlorooctadecane (S...	13.608	2356800	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.622	2176914	20.419 ug/ml
2) T n-Decane (C10)	4.858	2293242	20.947 ug/ml
3) T A~Naphthalene (C11.7)	6.561	2581750	21.246 ug/ml
4) T n-Dodecane (C12)	7.002	2399660	21.261 ug/ml
5) T A~2-methylnaphthalene...	7.648	2566469	21.497 ug/ml
6) T n-Tetradecane (C14)	8.819	2491736	21.423 ug/ml
7) T n-Hexadecane (C16)	10.419	2684281	21.284 ug/ml
8) T n-Octadecane (C18)	11.858	2784956	21.049 ug/ml
10) T n-Eicosane (C20)	13.163	2728664	20.814 ug/ml
11) T n-Heneicosane (C21)	13.773	2695335	20.708 ug/ml
13) T n-Docosane (C22)	14.357	2723399	20.752 ug/ml
14) T n-Tetracosane (C24)	15.456	2788243	20.991 ug/ml
15) T n-Hexacosane (C26)	16.476	2765915	20.924 ug/ml
16) T n-Octacosane (C28)	17.423	2790819	21.145 ug/ml
17) T n-Tricontane (C30)	18.308	2936168	21.535 ug/ml
18) T n-Dotriacontane (C32)	19.138	2820139	21.519 ug/ml
19) T n-Tetratriacontane (C34)	19.919	2395911	21.281 ug/ml
20) T n-Hexatriacontane (C36)	20.655	2066230	21.754 ug/ml
21) T n-Octatriacontane (C38)	21.447	1778329	20.587 ug/ml
22) T n-Tetracontane (C40)	22.461	1703914	20.676 ug/ml

(f)=RT Delta > 1/2 Window

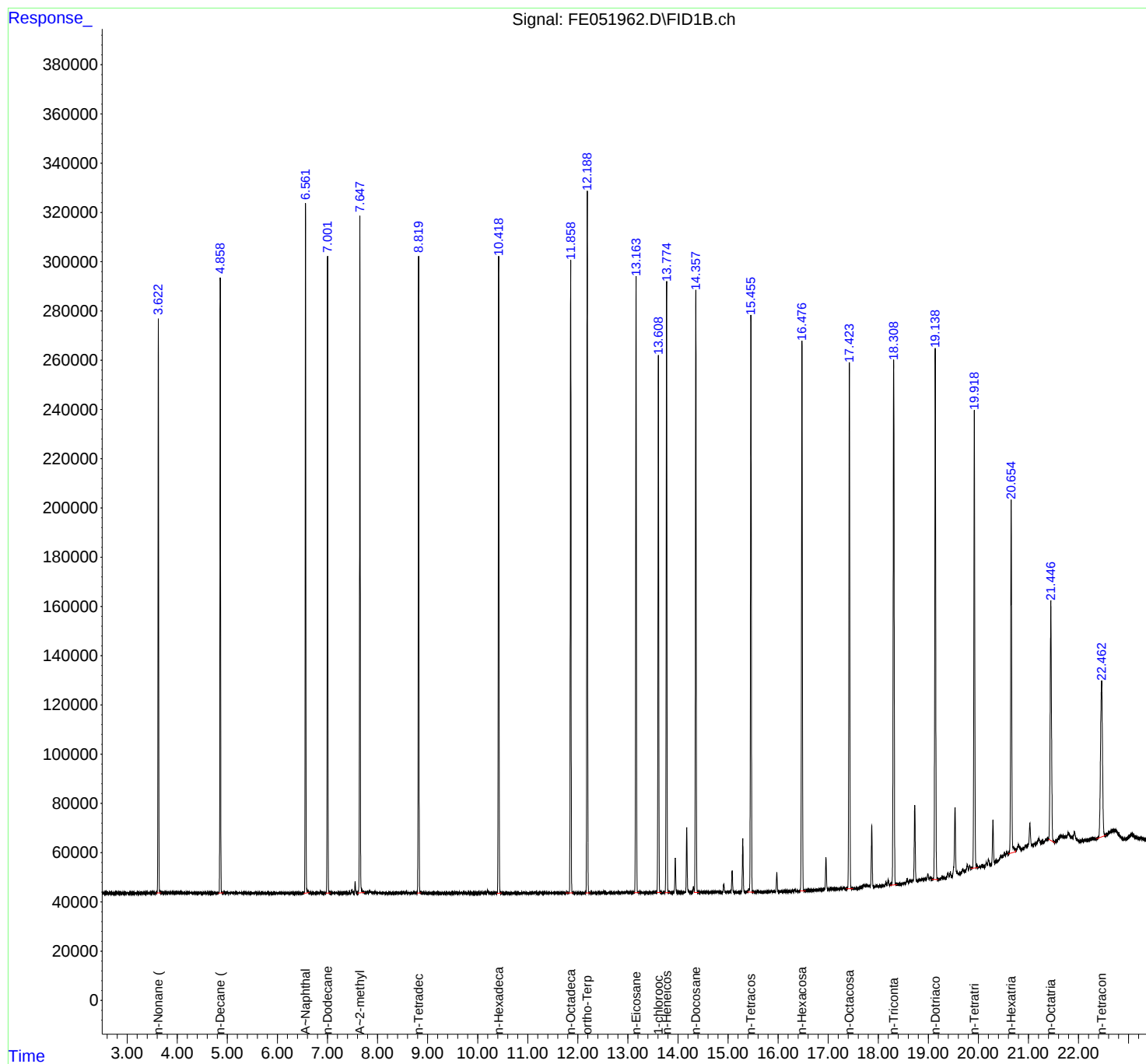
(m)=manual int.

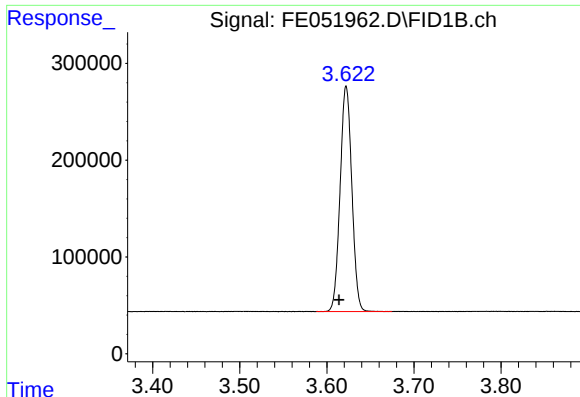
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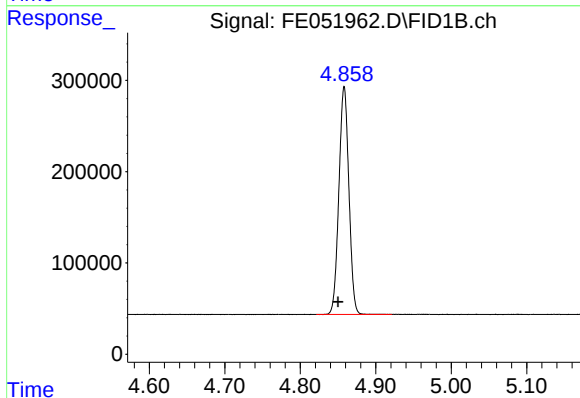




#1 n-Nonane (C9)

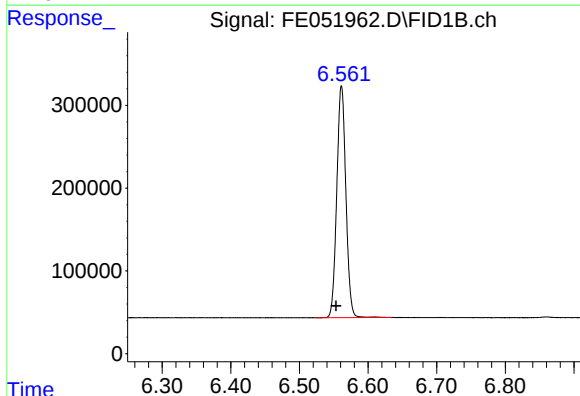
R.T.: 3.622 min
Delta R.T.: 0.008 min
Response: 2176914
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :



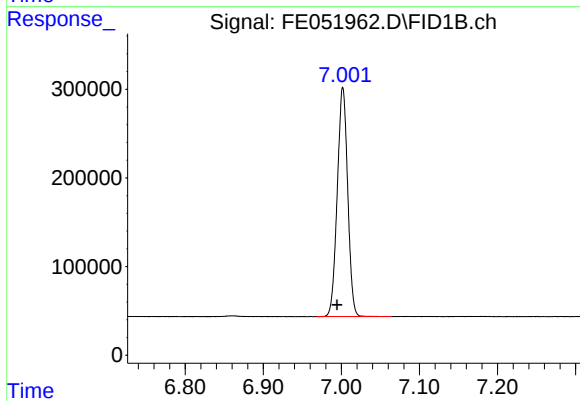
#2 n-Decane (C10)

R.T.: 4.858 min
Delta R.T.: 0.008 min
Response: 2293242
Conc: 20.95 ug/ml



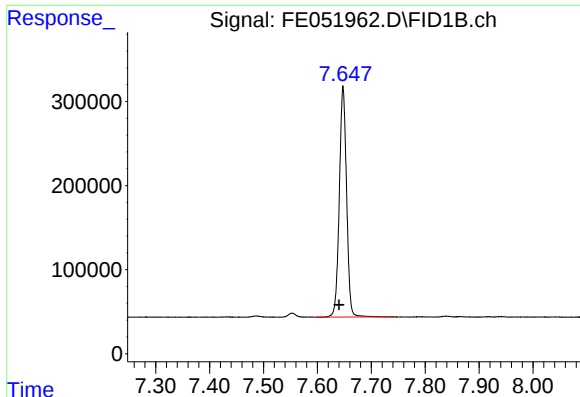
#3 A~Naphthalene (C11.7)

R.T.: 6.561 min
Delta R.T.: 0.008 min
Response: 2581750
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

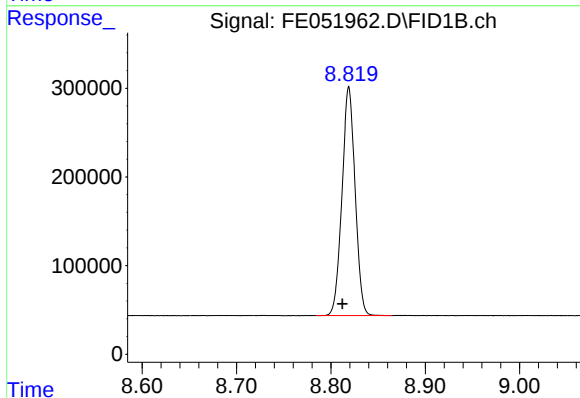
R.T.: 7.002 min
Delta R.T.: 0.008 min
Response: 2399660
Conc: 21.26 ug/ml



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

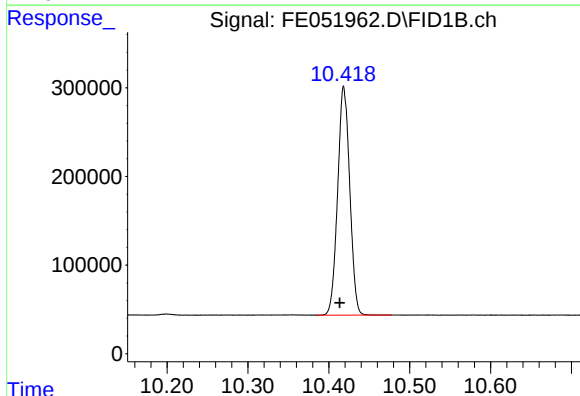
R.T.: 7.648 min
Delta R.T.: 0.007 min
Response: 2566469
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :



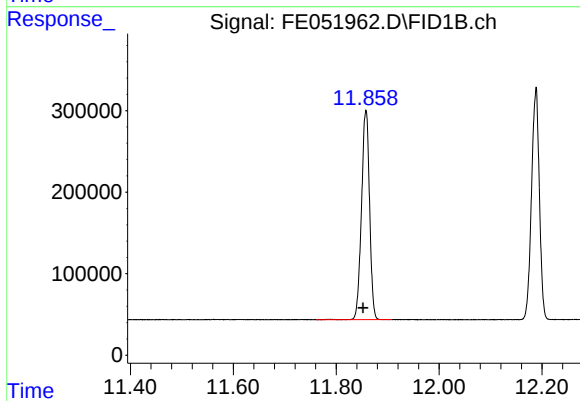
#6 n-Tetradecane (C14)

R.T.: 8.819 min
Delta R.T.: 0.007 min
Response: 2491736
Conc: 21.42 ug/ml



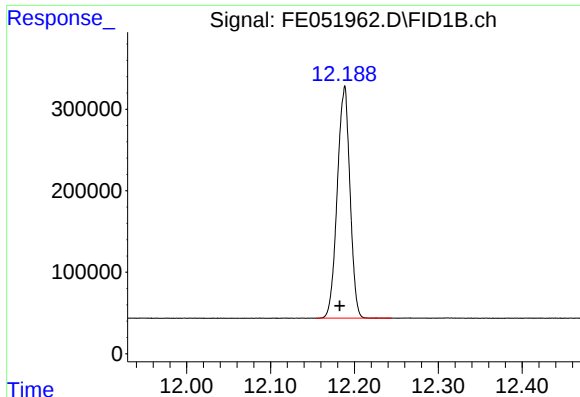
#7 n-Hexadecane (C16)

R.T.: 10.419 min
Delta R.T.: 0.005 min
Response: 2684281
Conc: 21.28 ug/ml



#8 n-Octadecane (C18)

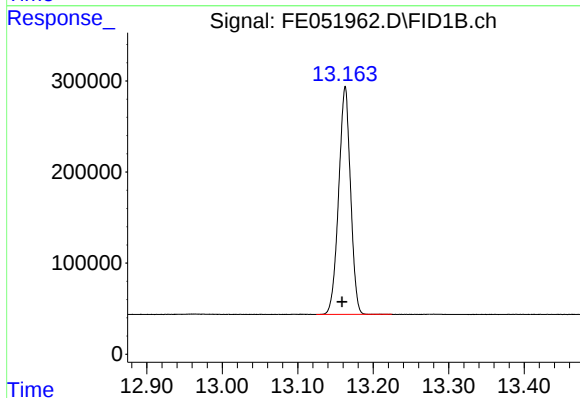
R.T.: 11.858 min
Delta R.T.: 0.005 min
Response: 2784956
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

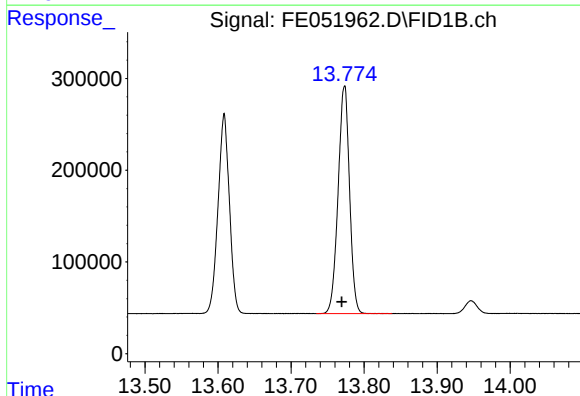
R.T.: 12.188 min
Delta R.T.: 0.005 min
Response: 2997519
Conc: 20.97 ug/ml

Instrument :
FID_E
ClientSampleId :



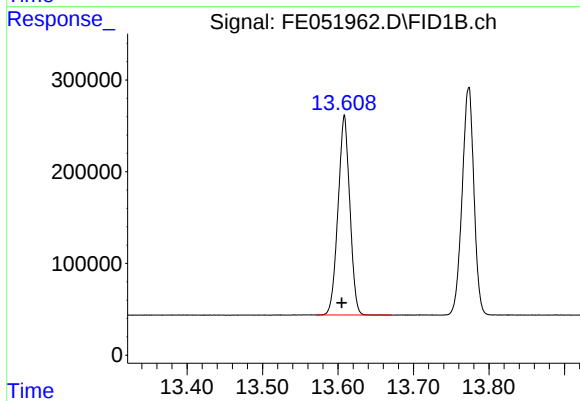
#10 n-Eicosane (C20)

R.T.: 13.163 min
Delta R.T.: 0.004 min
Response: 2728664
Conc: 20.81 ug/ml



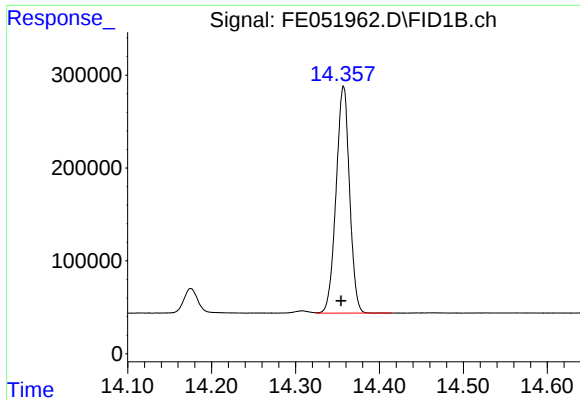
#11 n-Heneicosane (C21)

R.T.: 13.773 min
Delta R.T.: 0.003 min
Response: 2695335
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

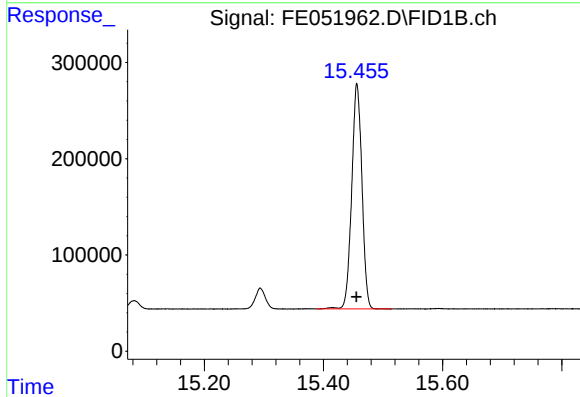
R.T.: 13.608 min
Delta R.T.: 0.003 min
Response: 2356800
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

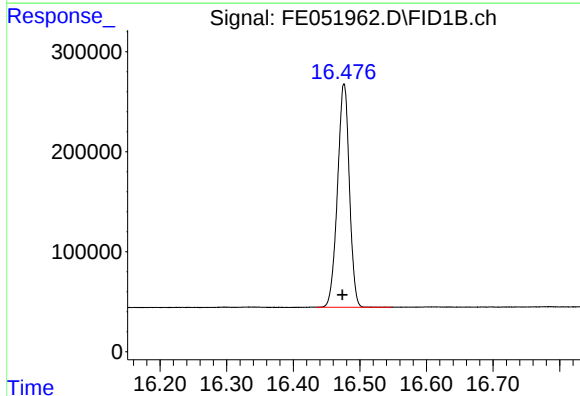
R.T.: 14.357 min
Delta R.T.: 0.003 min
Response: 2723399
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :



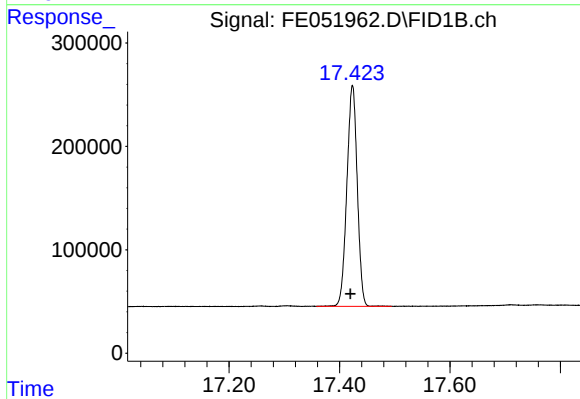
#14 n-Tetracosane (C24)

R.T.: 15.456 min
Delta R.T.: 0.001 min
Response: 2788243
Conc: 20.99 ug/ml



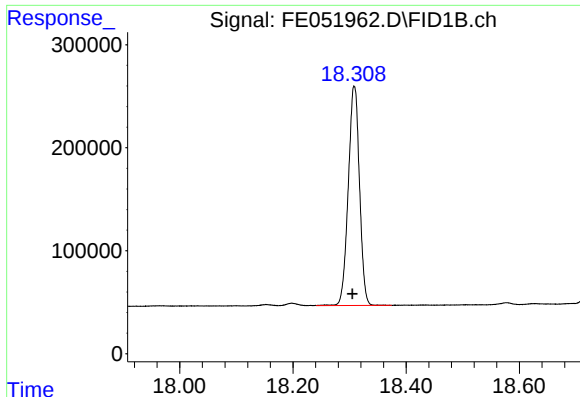
#15 n-Hexacosane (C26)

R.T.: 16.476 min
Delta R.T.: 0.002 min
Response: 2765915
Conc: 20.92 ug/ml



#16 n-Octacosane (C28)

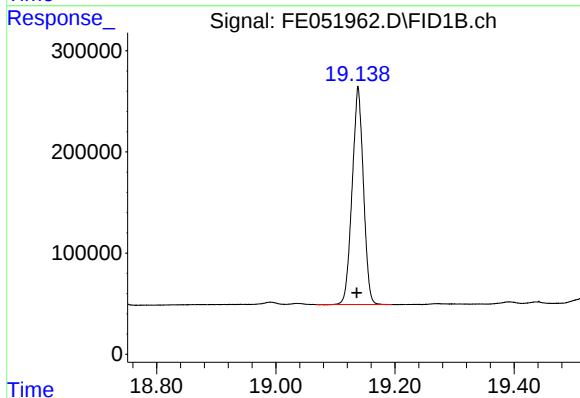
R.T.: 17.423 min
Delta R.T.: 0.003 min
Response: 2790819
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

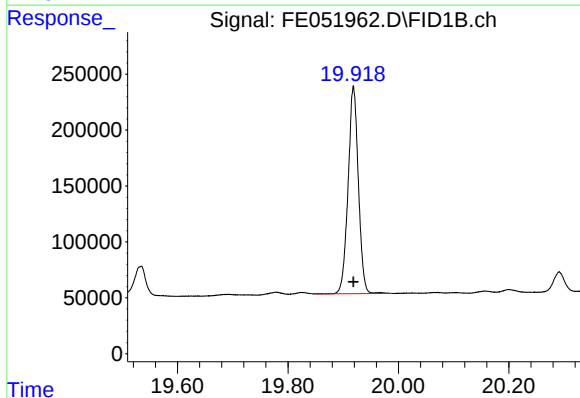
R.T.: 18.308 min
Delta R.T.: 0.003 min
Response: 2936168
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :



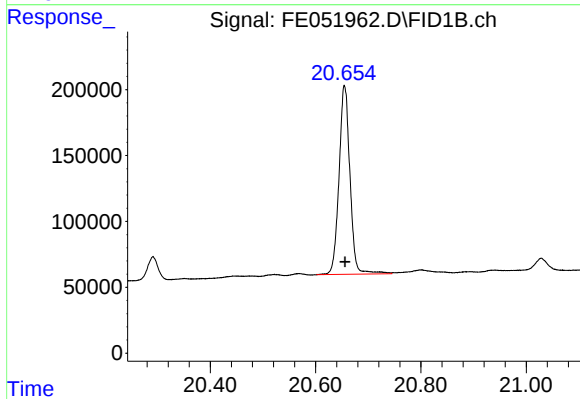
#18 n-Dotriacontane (C32)

R.T.: 19.138 min
Delta R.T.: 0.002 min
Response: 2820139
Conc: 21.52 ug/ml



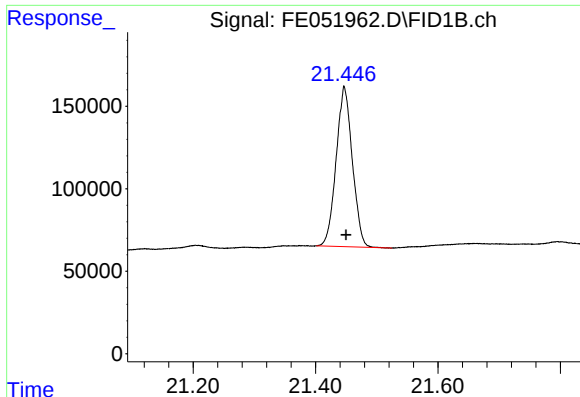
#19 n-Tetratriacontane (C34)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 2395911
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

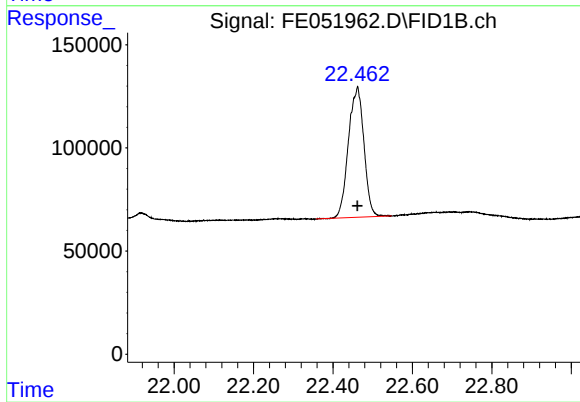
R.T.: 20.655 min
Delta R.T.: 0.000 min
Response: 2066230
Conc: 21.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.447 min
Delta R.T.: -0.003 min
Response: 1778329
Conc: 20.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.461 min
Delta R.T.: 0.000 min
Response: 1703914
Conc: 20.68 ug/ml