

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060723AL\
 Data File : FE042485.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 02:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 08 02:30:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.949	3202734	18.138 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
12) S 1-chlorooctadecane (S...	13.385	2353043	17.708 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.327	2697635	18.708 ug/ml
2) T n-Decane (C10)	4.579	2829850	19.116 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3031893	18.582 ug/ml
4) T n-Dodecane (C12)	6.748	2868177	19.127 ug/ml
5) T A~2-methylnaphthalene...	7.385	2924978	18.431 ug/ml
6) T n-Tetradecane (C14)	8.577	2829683	18.889 ug/ml
7) T n-Hexadecane (C16)	10.185	2918174	18.734 ug/ml
8) T n-Octadecane (C18)	11.629	2920530	18.469 ug/ml
10) T n-Eicosane (C20)	12.939	2758710	18.199 ug/ml
11) T n-Heneicosane (C21)	13.551	2676730	18.067 ug/ml
13) T n-Docosane (C22)	14.138	2622465	17.889 ug/ml
14) T n-Tetracosane (C24)	15.241	2556704	17.711 ug/ml
15) T n-Hexacosane (C26)	16.262	2489649	17.976 ug/ml
16) T n-Octacosane (C28)	17.213	2503501	18.699 ug/ml
17) T n-Tricontane (C30)	18.101	2699877	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.934	2756898	20.637 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2672661	20.323 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2617833	20.141 ug/ml
21) T n-Octatriacontane (C38)	21.209	2673541	19.706 ug/ml
22) T n-Tetracontane (C40)	22.141	2604633	18.722 ug/ml

(f)=RT Delta > 1/2 Window

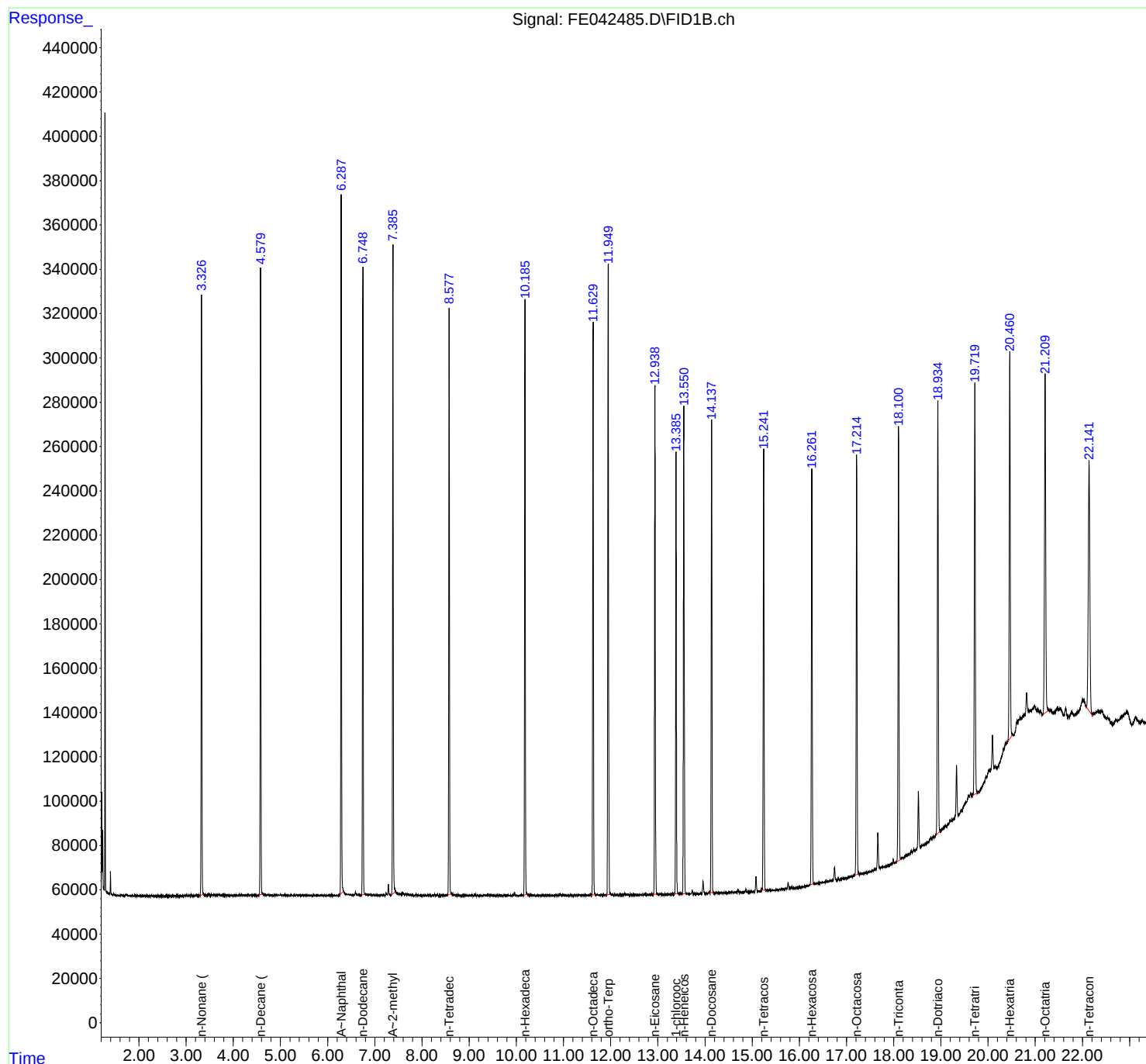
(m)=manual int.

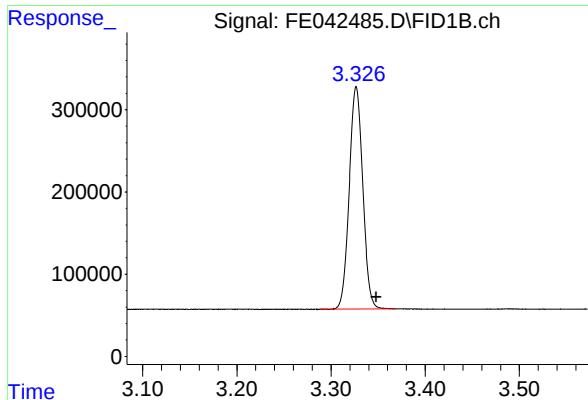
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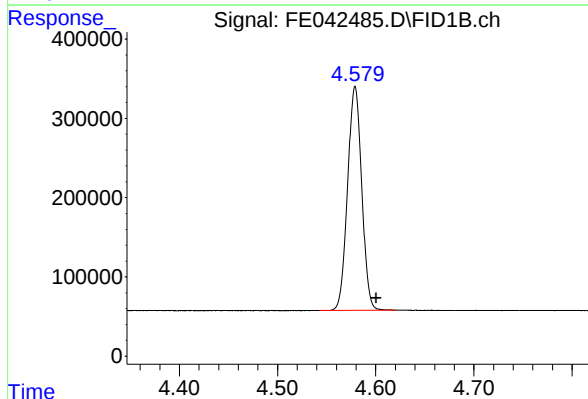




#1 n-Nonane (C9)

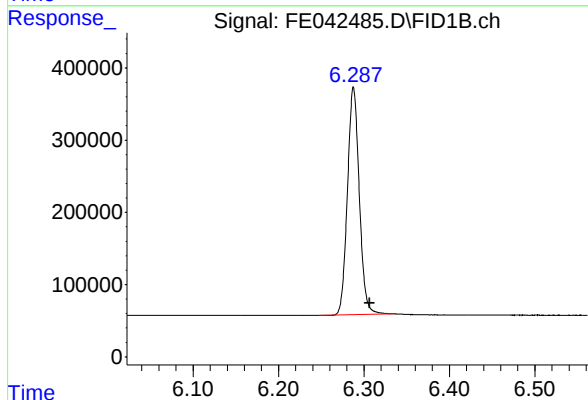
R.T.: 3.327 min
Delta R.T.: -0.021 min
Response: 2697635
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



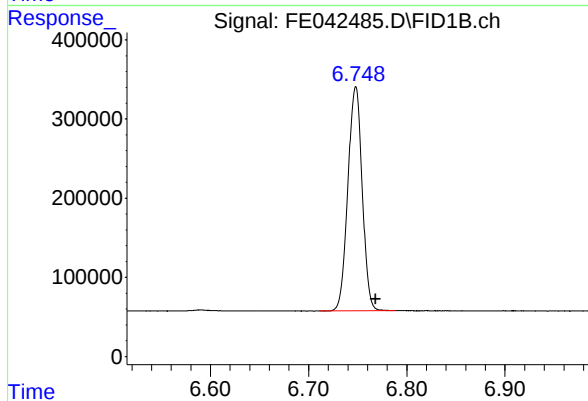
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.021 min
Response: 2829850
Conc: 19.12 ug/ml



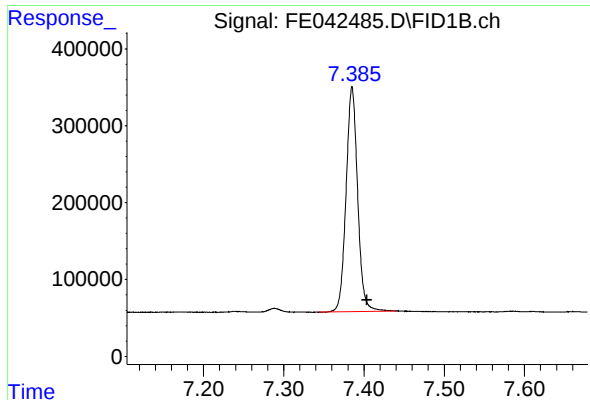
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.019 min
Response: 3031893
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

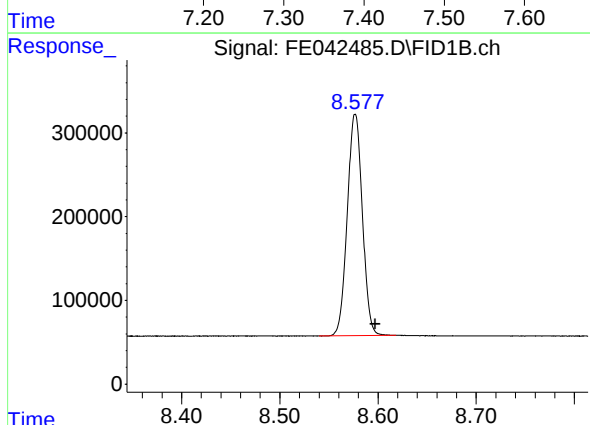
R.T.: 6.748 min
Delta R.T.: -0.020 min
Response: 2868177
Conc: 19.13 ug/ml



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

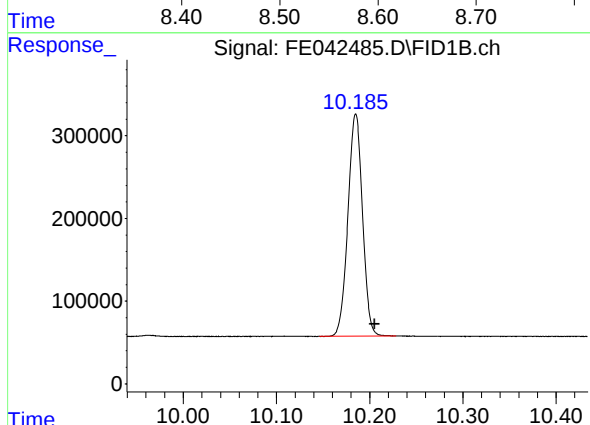
R.T.: 7.385 min
Delta R.T.: -0.018 min
Response: 2924978
Conc: 18.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



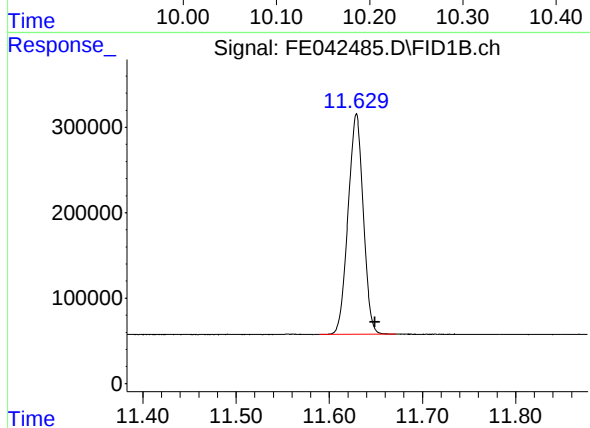
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.020 min
Response: 2829683
Conc: 18.89 ug/ml



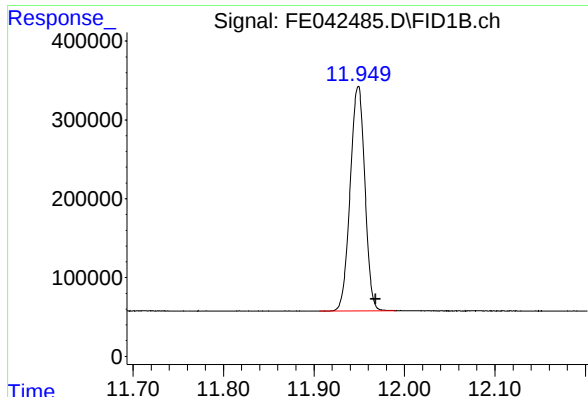
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.020 min
Response: 2918174
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

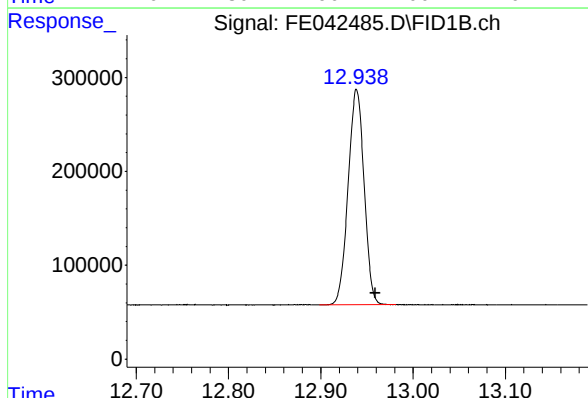
R.T.: 11.629 min
Delta R.T.: -0.020 min
Response: 2920530
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

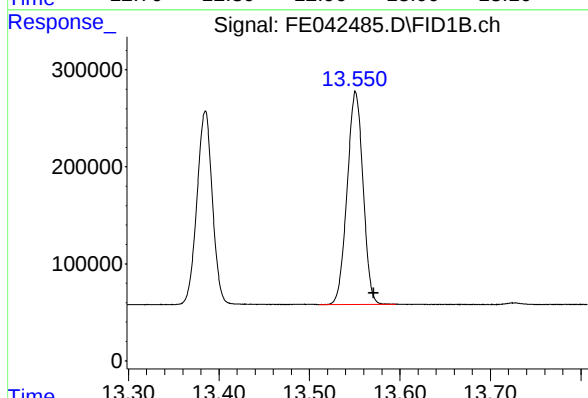
R.T.: 11.949 min
Delta R.T.: -0.019 min
Response: 3202734
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



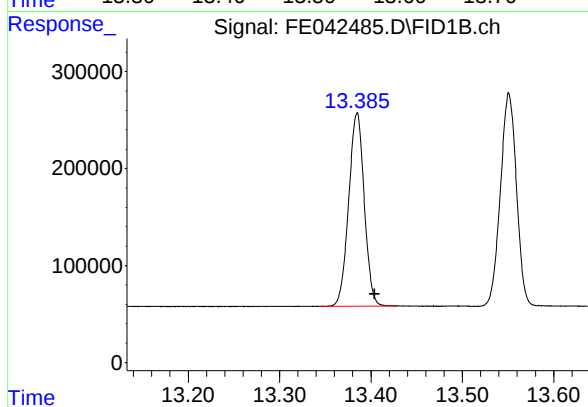
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.020 min
Response: 2758710
Conc: 18.20 ug/ml



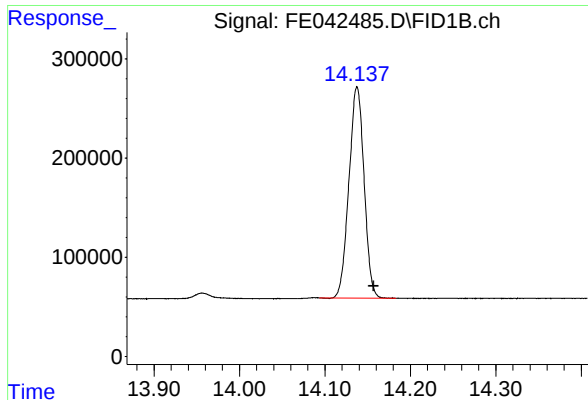
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.020 min
Response: 2676730
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

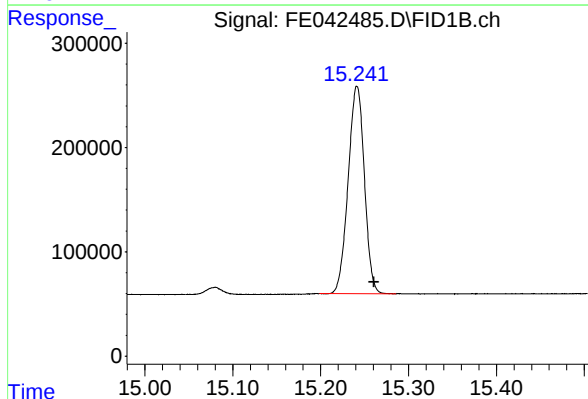
R.T.: 13.385 min
Delta R.T.: -0.019 min
Response: 2353043
Conc: 17.71 ug/ml



#13 n-Docosane (C22)

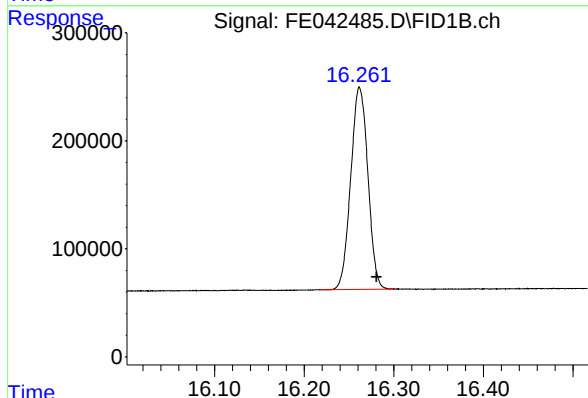
R.T.: 14.138 min
Delta R.T.: -0.020 min
Response: 2622465
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



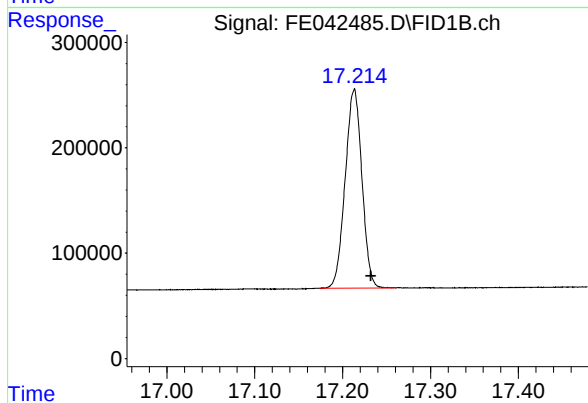
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.019 min
Response: 2556704
Conc: 17.71 ug/ml



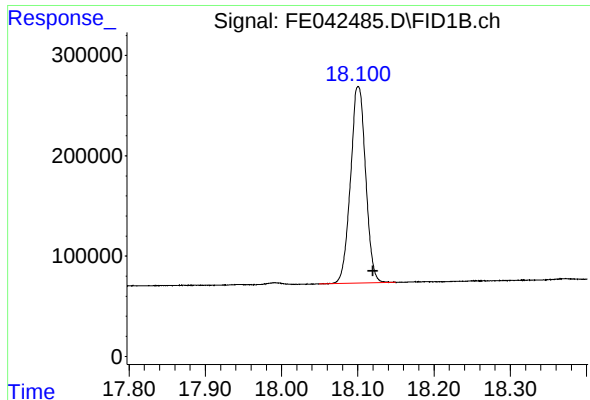
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.019 min
Response: 2489649
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

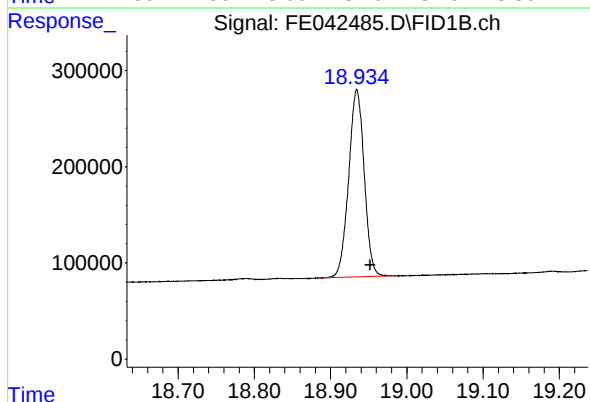
R.T.: 17.213 min
Delta R.T.: -0.019 min
Response: 2503501
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

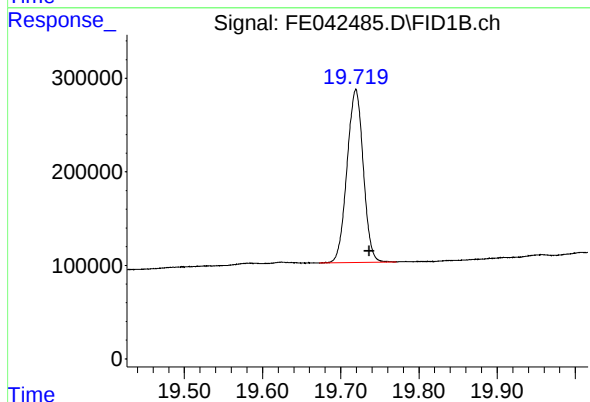
R.T.: 18.101 min
Delta R.T.: -0.019 min
Response: 2699877
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



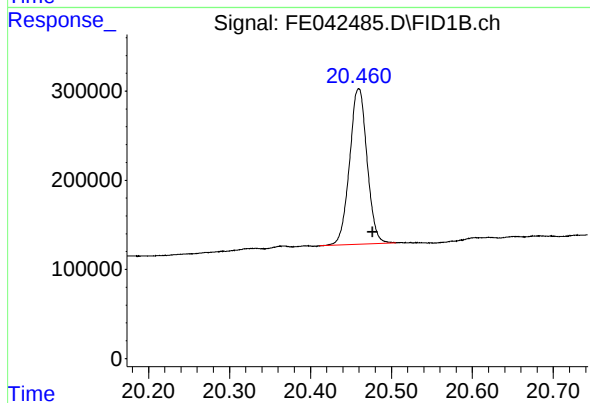
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2756898
Conc: 20.64 ug/ml



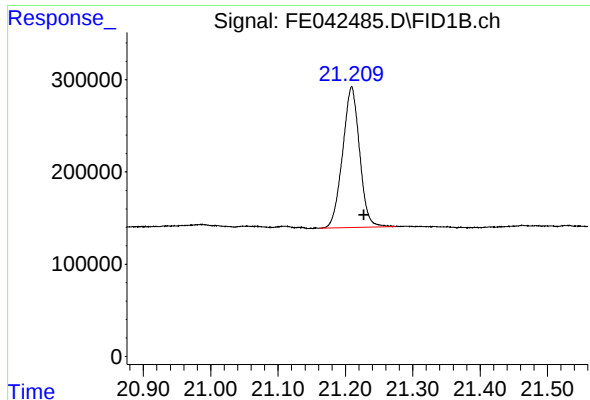
#19 n-Tetatriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.017 min
Response: 2672661
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

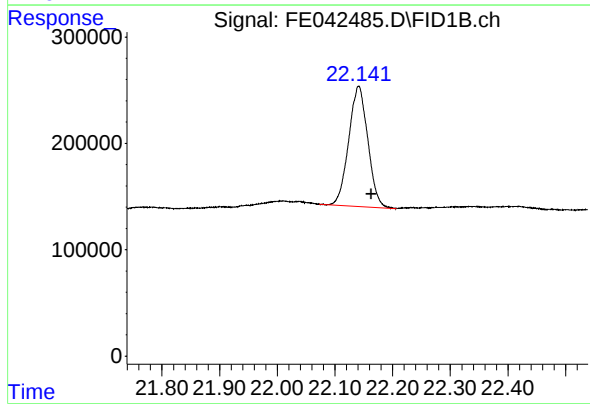
R.T.: 20.460 min
Delta R.T.: -0.017 min
Response: 2617833
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 2673541
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.022 min
Response: 2604633
Conc: 18.72 ug/ml