

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
 Data File : FE052950.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2025 20:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 01:42:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.907	3322860	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.352	2455981	20.226 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.246	3242513	20.913 ug/ml
2) T n-Decane (C10)	4.507	3286487	20.920 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3508751	20.689 ug/ml
4) T n-Dodecane (C12)	6.689	3253151	20.894 ug/ml
5) T A~2-methylnaphthalene...	7.325	3326259	20.525 ug/ml
6) T n-Tetradecane (C14)	8.526	3156990	20.864 ug/ml
7) T n-Hexadecane (C16)	10.142	3194183	20.892 ug/ml
8) T n-Octadecane (C18)	11.592	3146680	20.683 ug/ml
10) T n-Eicosane (C20)	12.906	2959436	20.385 ug/ml
11) T n-Heneicosane (C21)	13.521	2884894	20.269 ug/ml
13) T n-Docosane (C22)	14.109	2848594	20.017 ug/ml
14) T n-Tetracosane (C24)	15.216	2827200	19.756 ug/ml
15) T n-Hexacosane (C26)	16.241	2771093	19.488 ug/ml
16) T n-Octacosane (C28)	17.193	2738111	19.256 ug/ml
17) T n-Tricontane (C30)	18.083	2801579	18.968 ug/ml
18) T n-Dotriacontane (C32)	18.918	2757462	18.993 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2523729	18.725 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2297538	19.336 ug/ml
21) T n-Octatriacontane (C38)	21.189	2292189	20.662 ug/ml
22) T n-Tetracontane (C40)	22.111	2332553	21.575 ug/ml

(f)=RT Delta > 1/2 Window

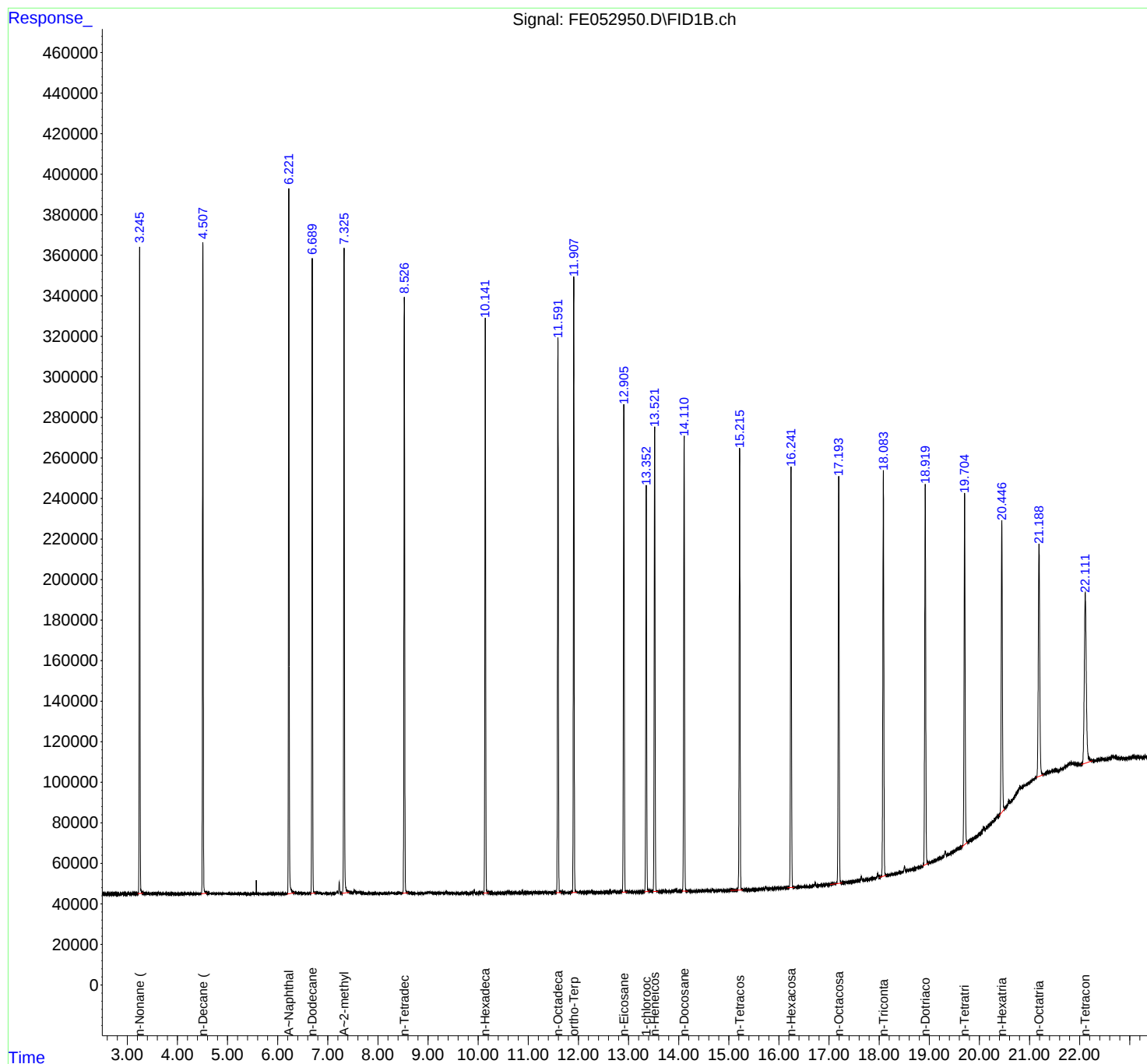
(m)=manual int.

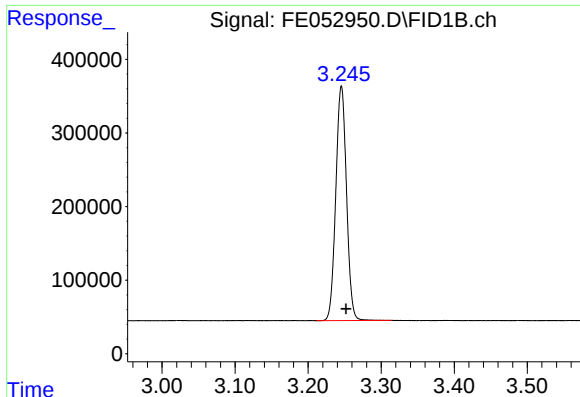
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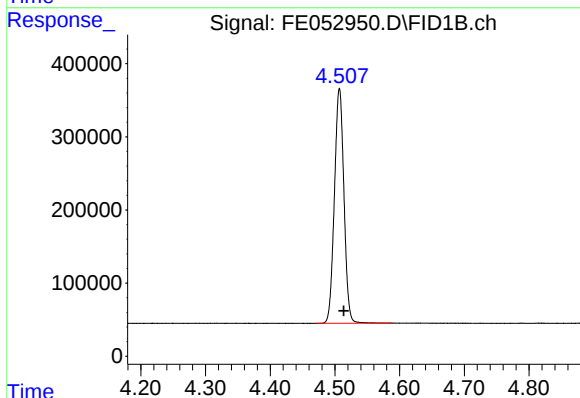




#1 n-Nonane (C9)

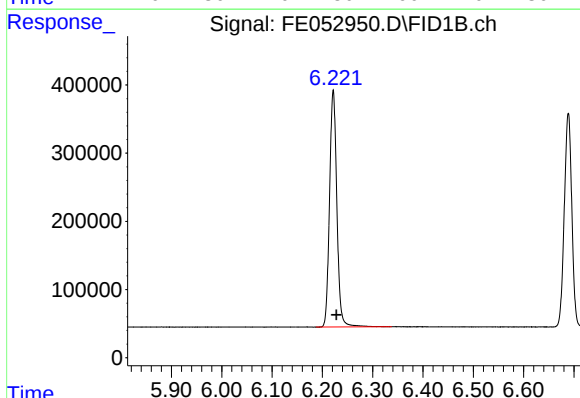
R.T.: 3.246 min
Delta R.T.: -0.006 min
Response: 3242513
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



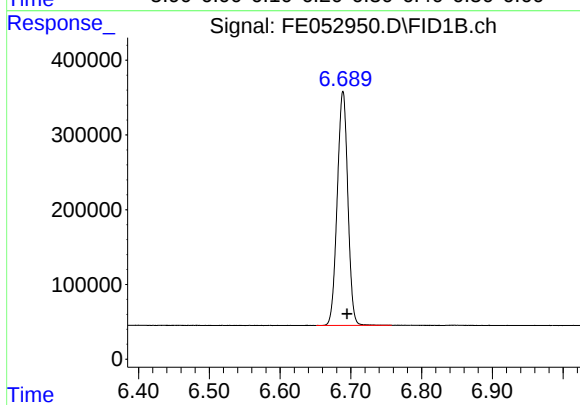
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 3286487
Conc: 20.92 ug/ml



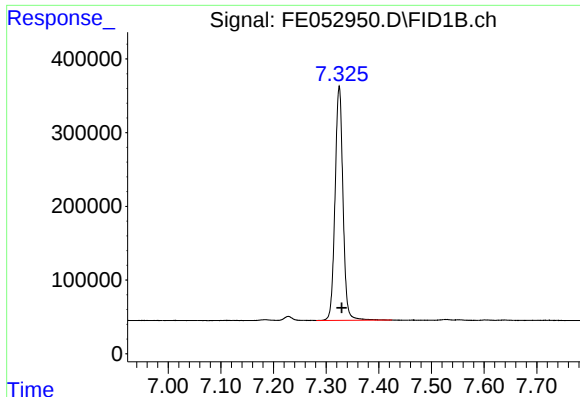
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 3508751
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

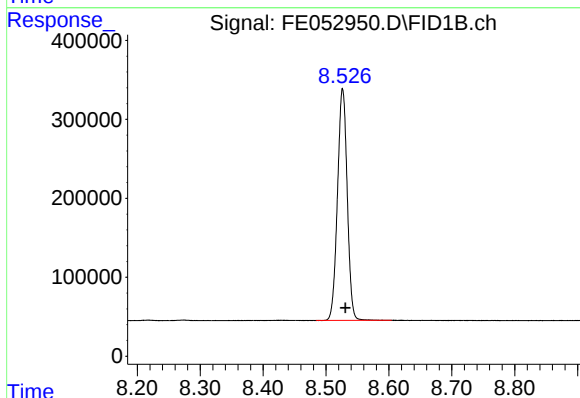
R.T.: 6.689 min
Delta R.T.: -0.006 min
Response: 3253151
Conc: 20.89 ug/ml



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

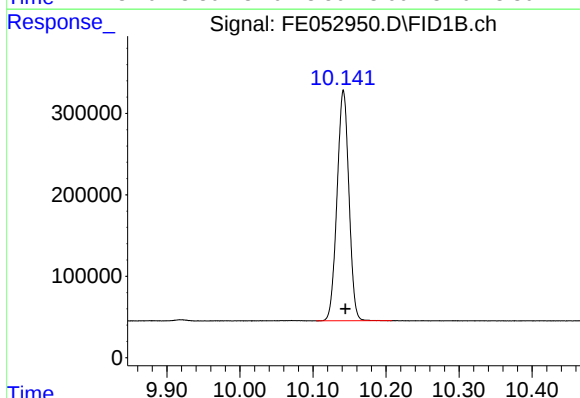
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 3326259
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



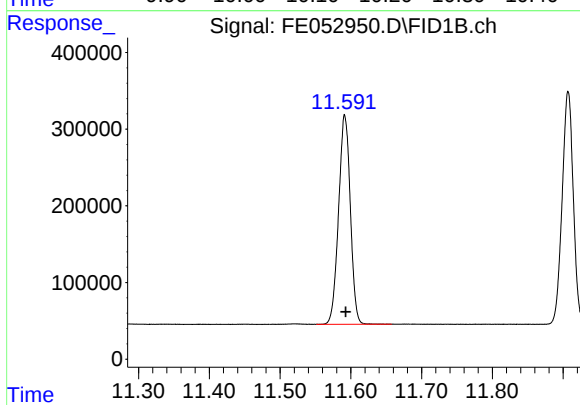
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 3156990
Conc: 20.86 ug/ml



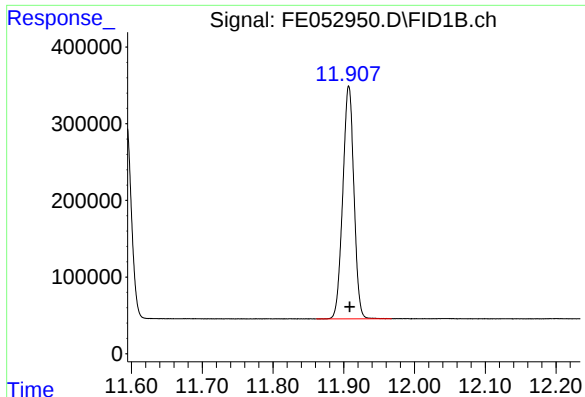
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 3194183
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

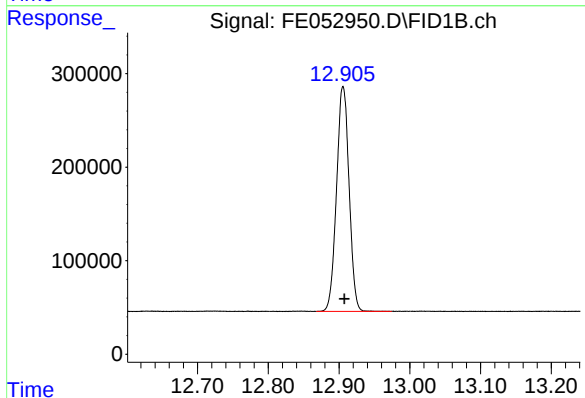
R.T.: 11.592 min
Delta R.T.: -0.002 min
Response: 3146680
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

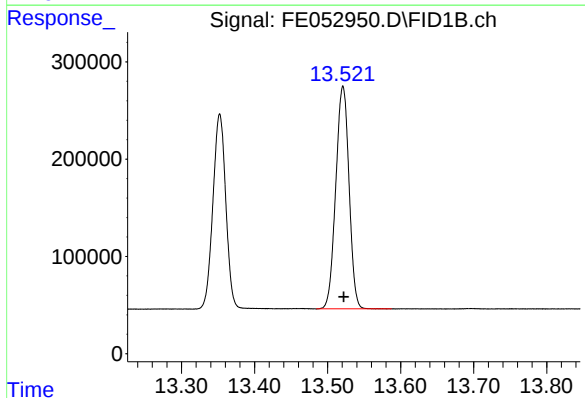
R.T.: 11.907 min
Delta R.T.: -0.002 min
Response: 3322860
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



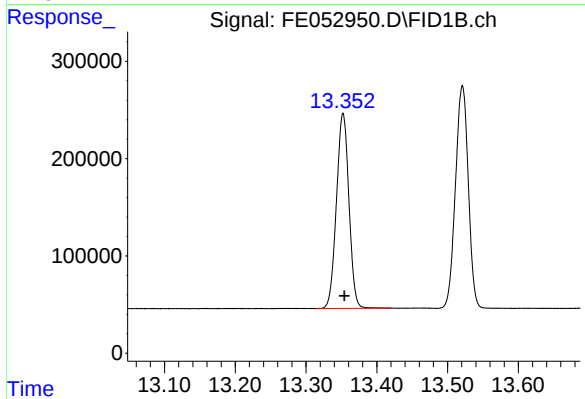
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 2959436
Conc: 20.39 ug/ml



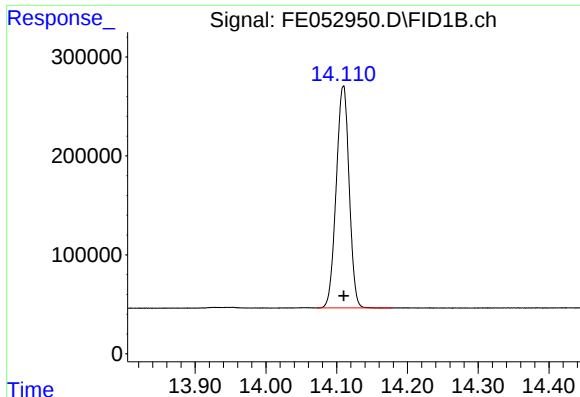
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.001 min
Response: 2884894
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

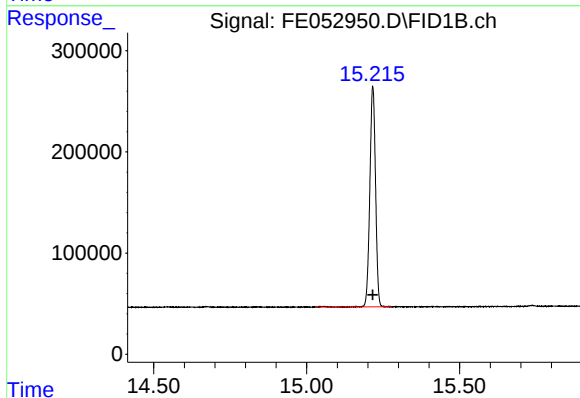
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 2455981
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

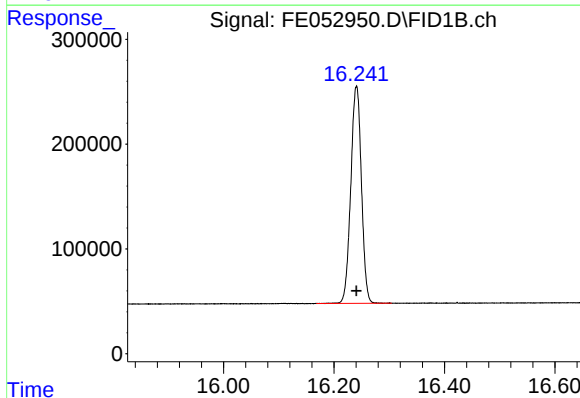
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 2848594
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



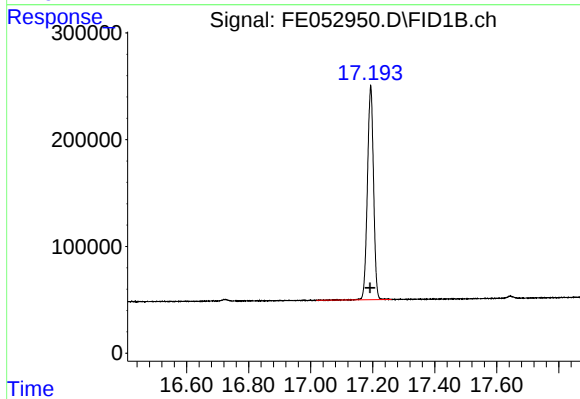
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 2827200
Conc: 19.76 ug/ml



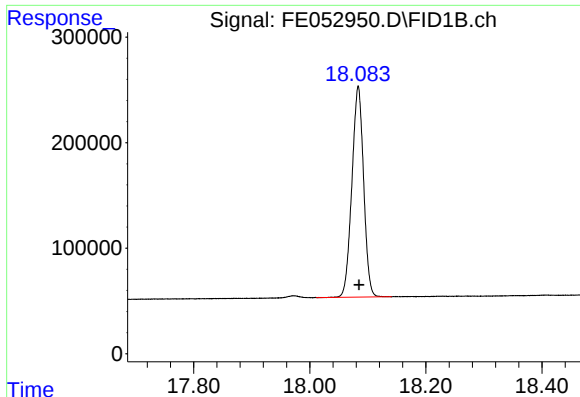
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2771093
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

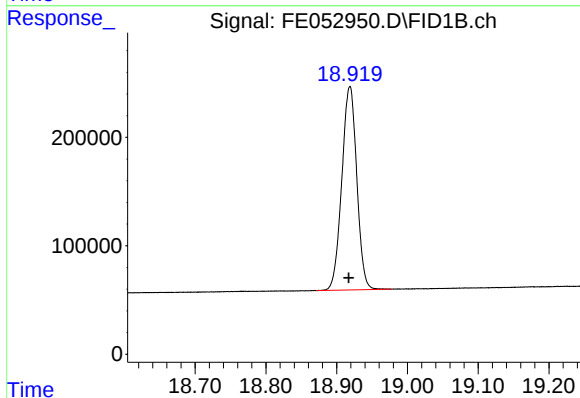
R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 2738111
Conc: 19.26 ug/ml



#17 n-Tricontane (C30)

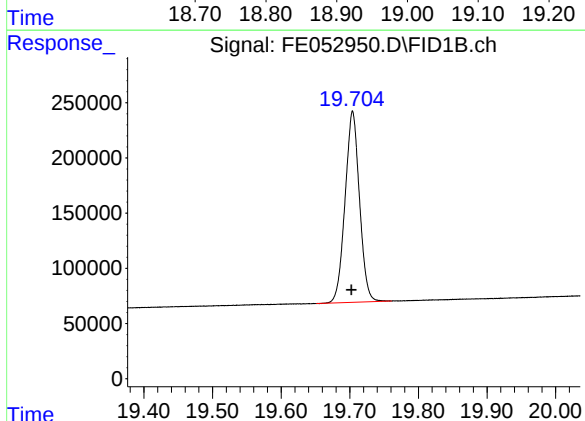
R.T.: 18.083 min
Delta R.T.: -0.002 min
Response: 2801579
Conc: 18.97 ug/ml

Instrument :
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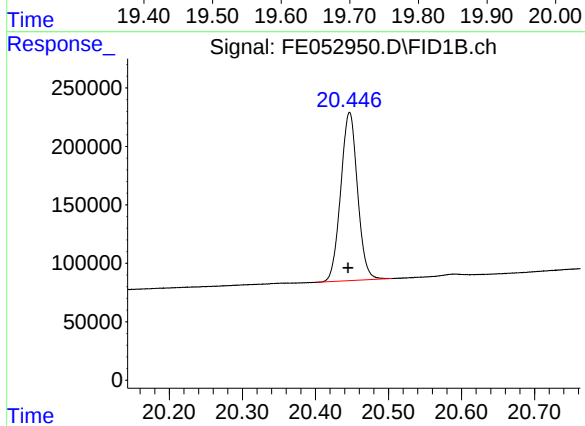
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.002 min
Response: 2757462
Conc: 18.99 ug/ml



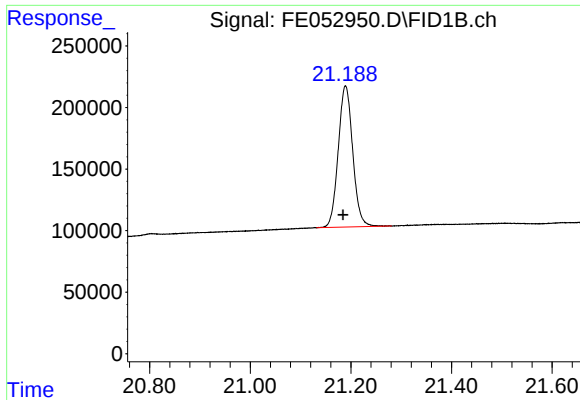
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 2523729
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

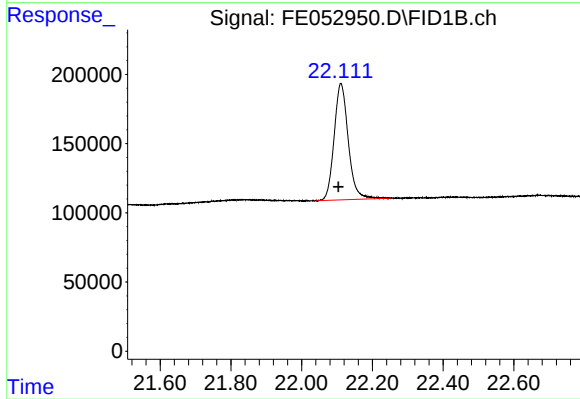
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2297538
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 2292189
Conc: 20.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.007 min
Response: 2332553
Conc: 21.57 ug/ml