

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
 Data File : FE045193.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2023 00:58
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 04 05:13:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:09:59 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)	11.891	8961607	48.965 ug/ml
Spiked Amount 50.000		Recovery =	97.93%
12) S 1-chlorooctadecane (S...	13.331	6526035	48.980 ug/ml
Spiked Amount 50.000		Recovery =	97.96%
Target Compounds			
1) T n-Nonane (C9)	3.275	7674114	48.363 ug/ml
2) T n-Decane (C10)	4.527	7801540	48.258 ug/ml
3) T A~Naphthalene (C11.7)	6.227	8470204	48.755 ug/ml
4) T n-Dodecane (C12)	6.693	7900530	48.318 ug/ml
5) T A~2-methylnaphthalene...	7.323	8234484	48.828 ug/ml
6) T n-Tetradecane (C14)	8.519	7839230	48.592 ug/ml
7) T n-Hexadecane (C16)	10.130	7953373	48.874 ug/ml
8) T n-Octadecane (C18)	11.576	7878740	49.026 ug/ml
10) T n-Eicosane (C20)	12.887	7448275	48.990 ug/ml
11) T n-Heneicosane (C21)	13.499	7235373	48.976 ug/ml
13) T n-Docosane (C22)	14.087	7072178	48.729 ug/ml
14) T n-Tetracosane (C24)	15.192	6853750	48.237 ug/ml
15) T n-Hexacosane (C26)	16.215	6700264	48.042 ug/ml
16) T n-Octacosane (C28)	17.166	6630241	47.783 ug/ml
17) T n-Tricontane (C30)	18.056	6790627	47.522 ug/ml
18) T n-Dotriacontane (C32)	18.891	6928405	47.487 ug/ml
19) T n-Tetratriacontane (C34)	19.676	7058669	47.888 ug/ml
20) T n-Hexatriacontane (C36)	20.417	7433204	48.338 ug/ml
21) T n-Octatriacontane (C38)	21.156	7668677	48.623 ug/ml
22) T n-Tetracontane (C40)	22.069	7906016	48.840 ug/ml

(f)=RT Delta > 1/2 Window

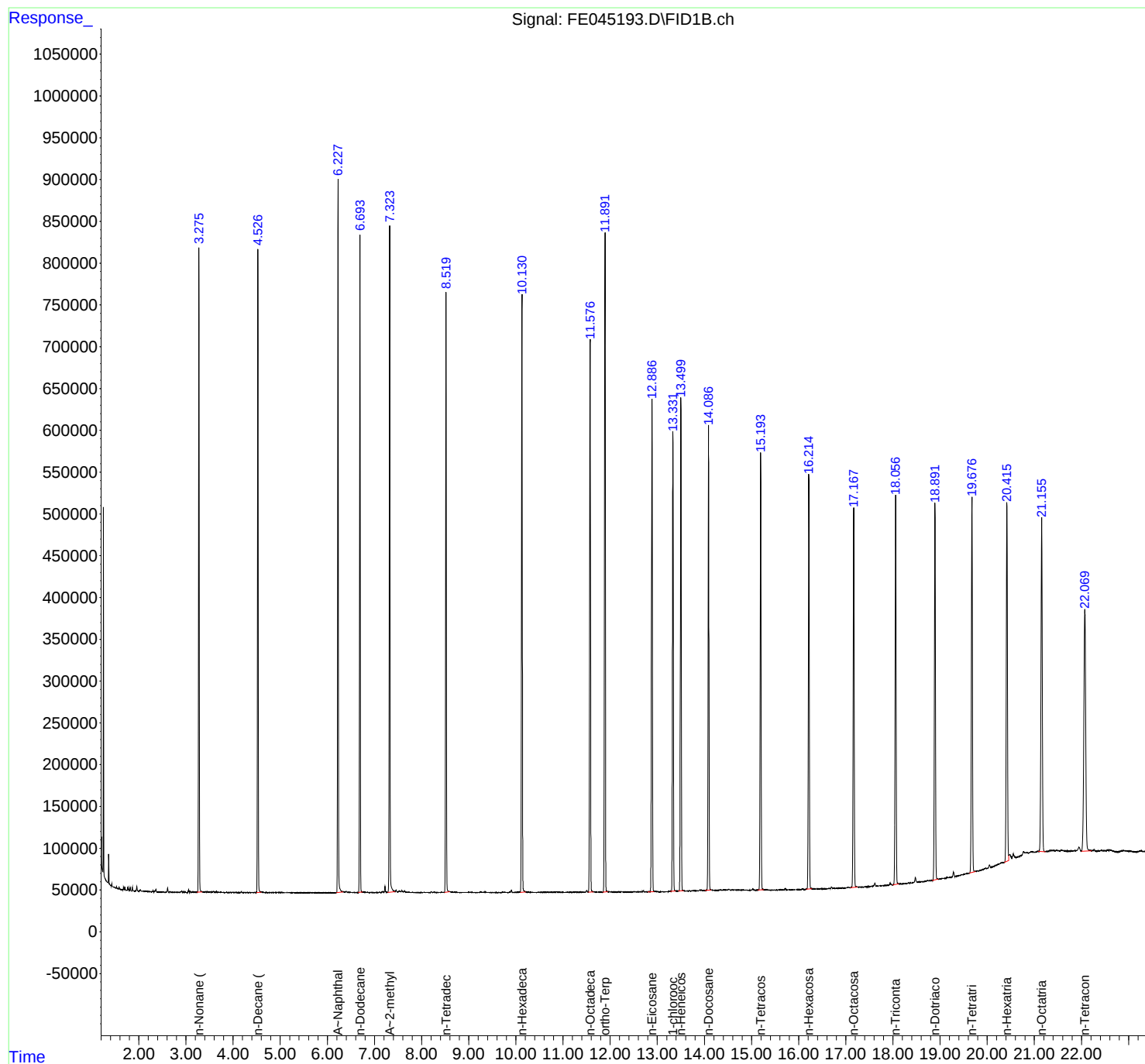
(m)=manual int.

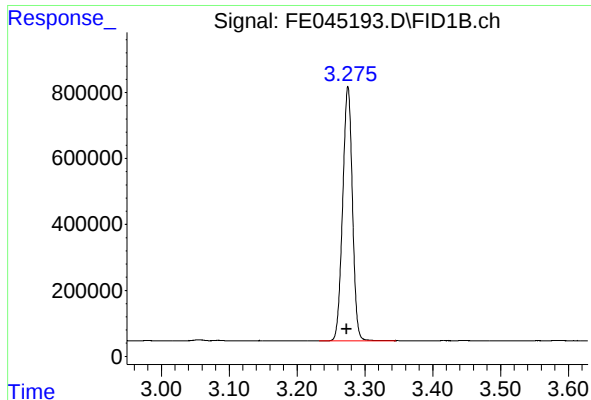
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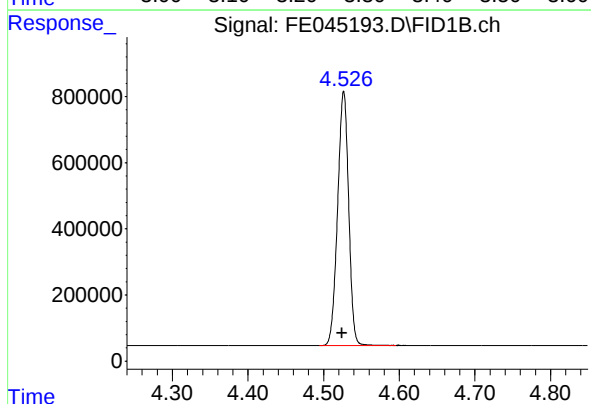




#1 n-Nonane (C9)

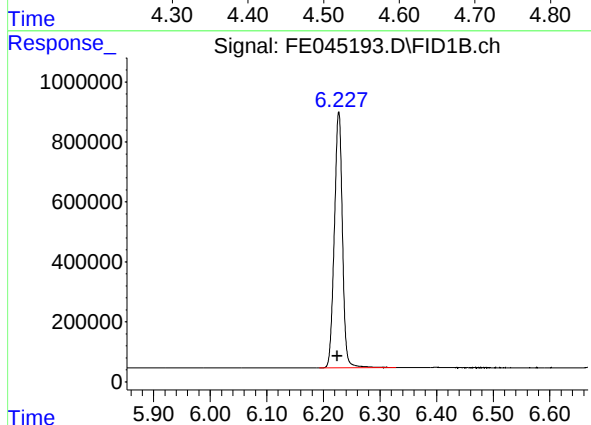
R.T.: 3.275 min
Delta R.T.: 0.002 min
Response: 7674114
Conc: 48.36 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



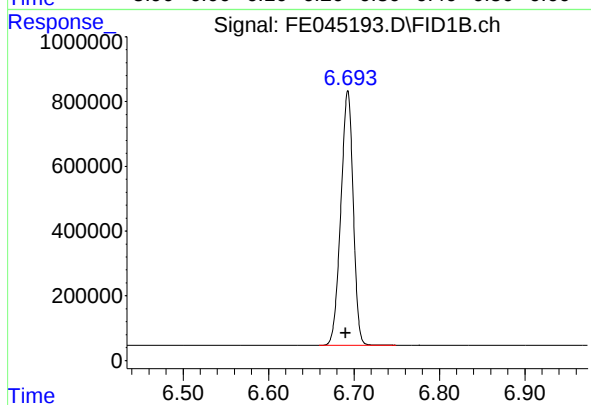
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 7801540
Conc: 48.26 ug/ml



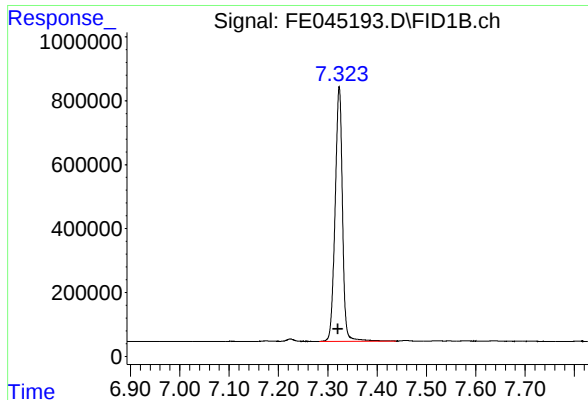
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 8470204
Conc: 48.75 ug/ml



#4 n-Dodecane (C12)

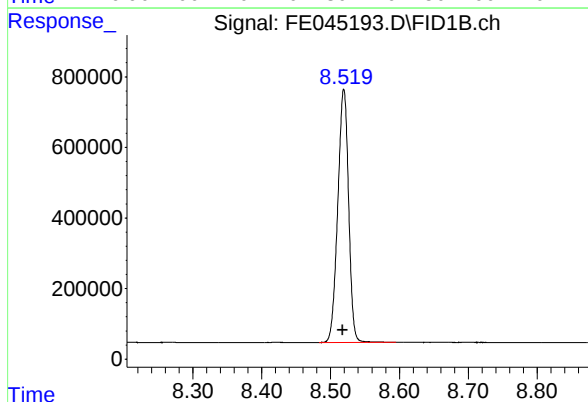
R.T.: 6.693 min
Delta R.T.: 0.003 min
Response: 7900530
Conc: 48.32 ug/ml



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

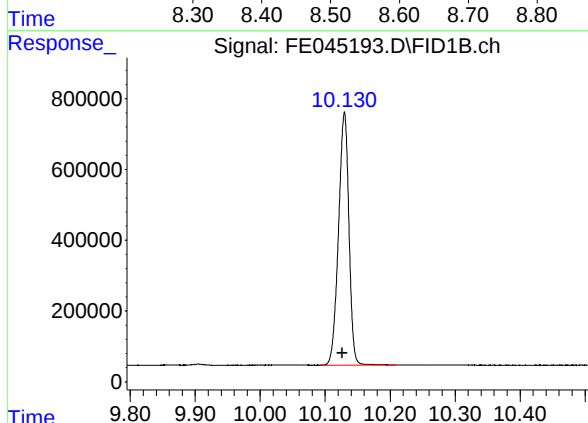
R.T.: 7.323 min
Delta R.T.: 0.003 min
Response: 8234484
Conc: 48.83 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



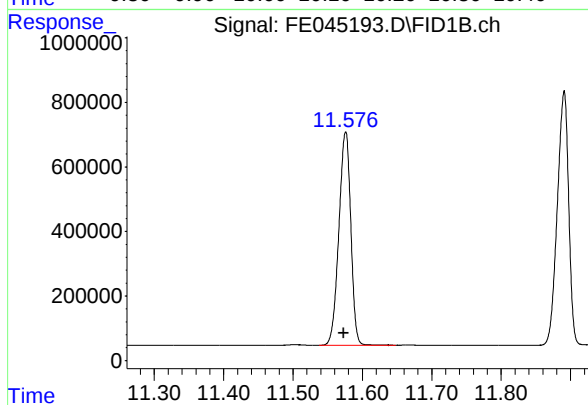
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.002 min
Response: 7839230
Conc: 48.59 ug/ml



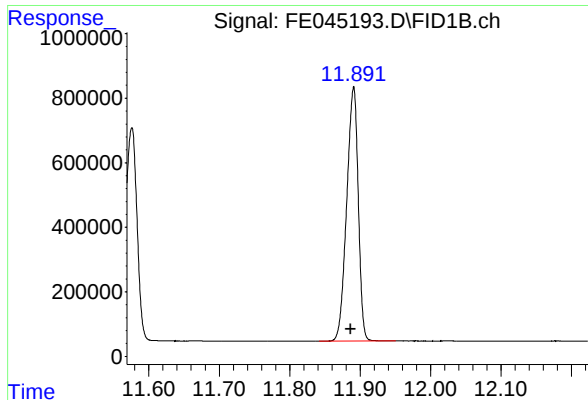
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.003 min
Response: 7953373
Conc: 48.87 ug/ml



#8 n-Octadecane (C18)

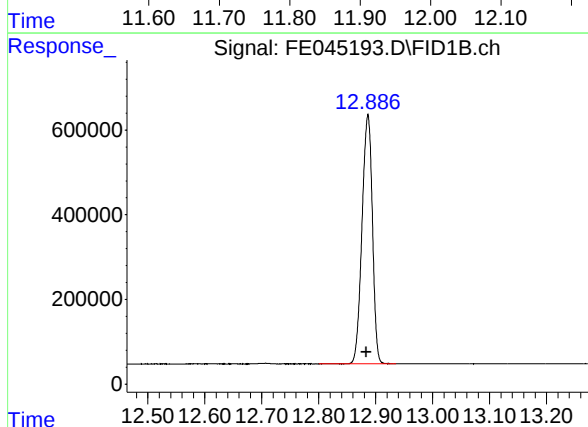
R.T.: 11.576 min
Delta R.T.: 0.003 min
Response: 7878740
Conc: 49.03 ug/ml



#9 ortho-Terphenyl (SURR)

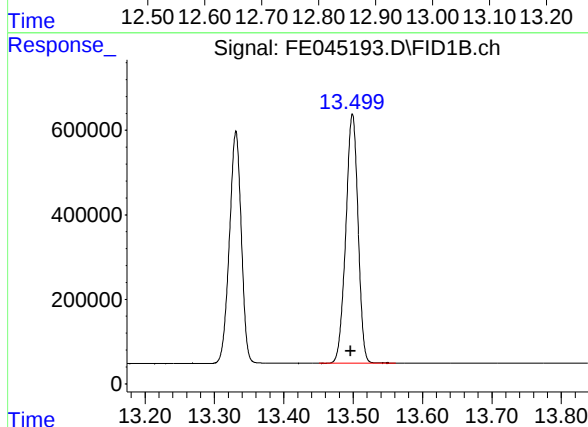
R.T.: 11.891 min
Delta R.T.: 0.004 min
Response: 8961607
Conc: 48.96 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



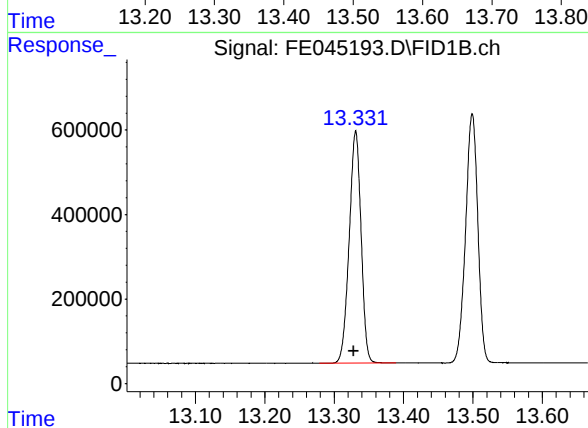
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: 0.003 min
Response: 7448275
Conc: 48.99 ug/ml



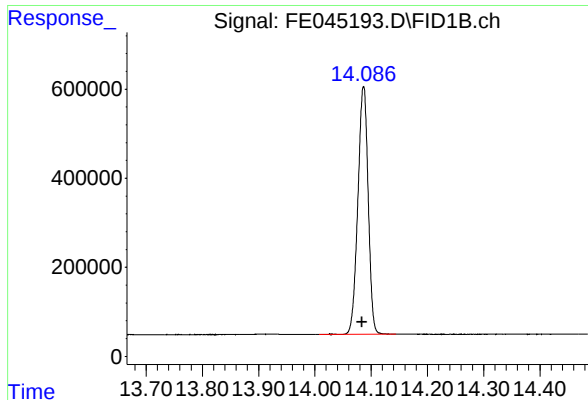
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: 0.002 min
Response: 7235373
Conc: 48.98 ug/ml



#12 1-chlorooctadecane (SURR)

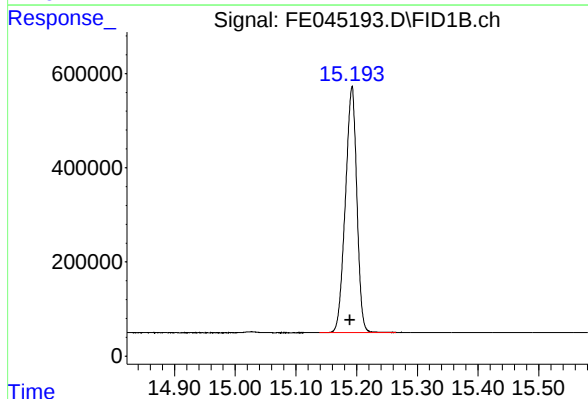
R.T.: 13.331 min
Delta R.T.: 0.003 min
Response: 6526035
Conc: 48.98 ug/ml



#13 n-Docosane (C22)

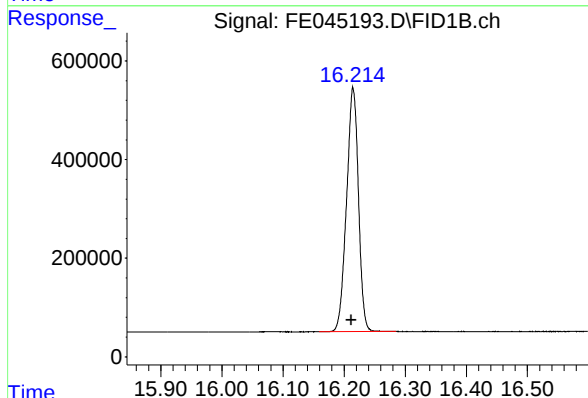
R.T.: 14.087 min
Delta R.T.: 0.003 min
Response: 7072178
Conc: 48.73 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



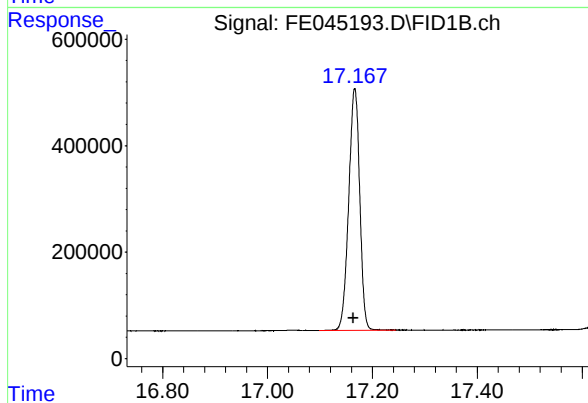
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: 0.003 min
Response: 6853750
Conc: 48.24 ug/ml



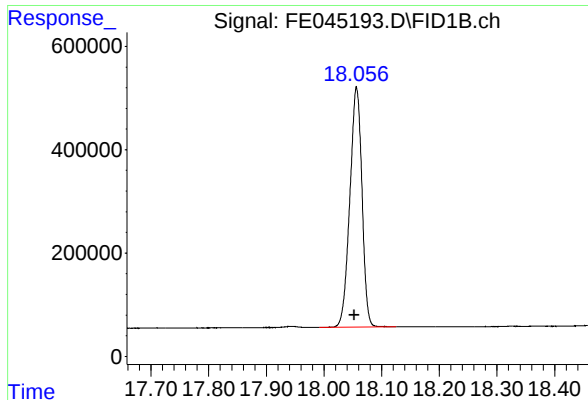
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 6700264
Conc: 48.04 ug/ml



#16 n-Octacosane (C28)

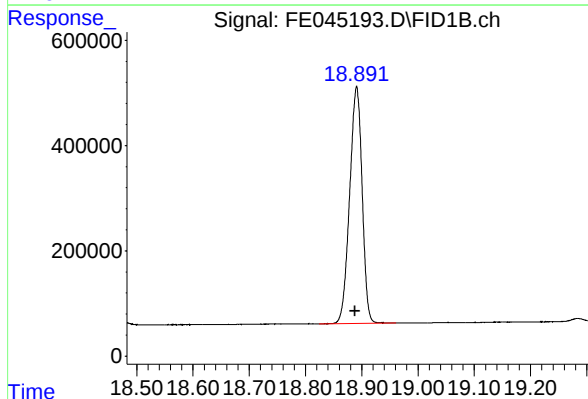
R.T.: 17.166 min
Delta R.T.: 0.003 min
Response: 6630241
Conc: 47.78 ug/ml



#17 n-Tricontane (C30)

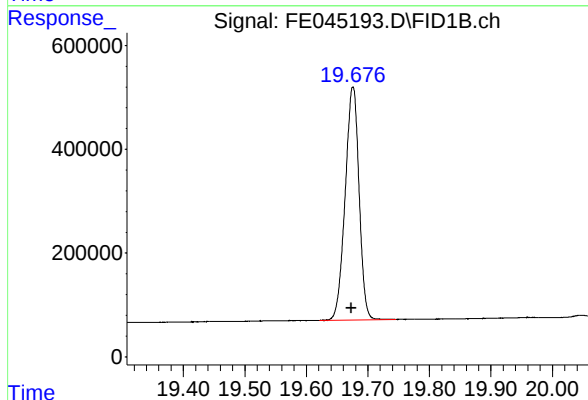
R.T.: 18.056 min
Delta R.T.: 0.004 min
Response: 6790627
Conc: 47.52 ug/ml

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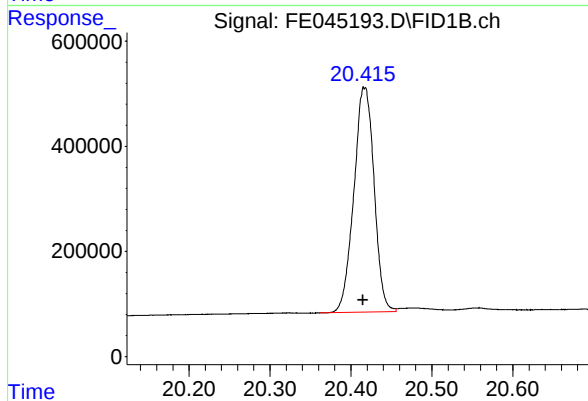
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: 0.003 min
Response: 6928405
Conc: 47.49 ug/ml



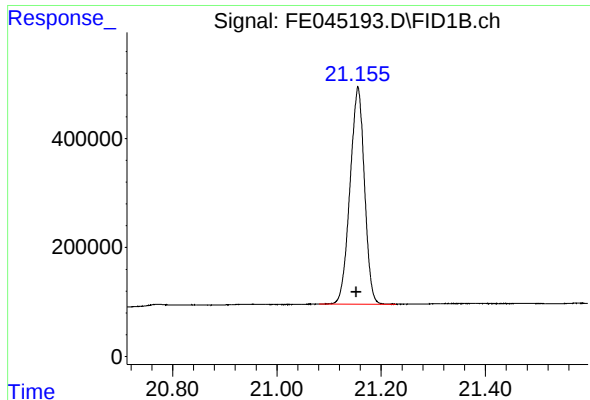
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.002 min
Response: 7058669
Conc: 47.89 ug/ml



#20 n-Hexatriacontane (C36)

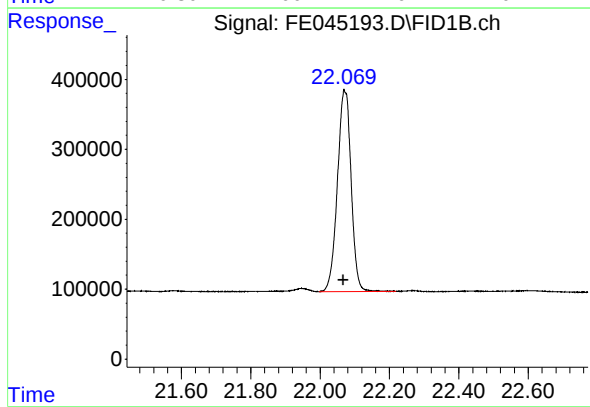
R.T.: 20.417 min
Delta R.T.: 0.002 min
Response: 7433204
Conc: 48.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: 0.003 min
Response: 7668677
Conc: 48.62 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.002 min
Response: 7906016
Conc: 48.84 ug/ml