

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053388.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 16:35
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 16 17:33:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 17:29:00 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)	11.890	8499004	48.625 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
12) S 1-chlorooctadecane (S...	13.334	6421755	48.850 ug/ml
Spiked Amount 50.000		Recovery =	97.70%
Target Compounds			
1) T n-Nonane (C9)	3.231	6562926	49.074 ug/ml
2) T n-Decane (C10)	4.492	6620620	48.970 ug/ml
3) T A~Naphthalene (C11.7)	6.205	7332105	49.034 ug/ml
4) T n-Dodecane (C12)	6.673	6713832	48.896 ug/ml
5) T A~2-methylnaphthalene...	7.308	7291791	48.921 ug/ml
6) T n-Tetradecane (C14)	8.510	6689138	48.805 ug/ml
7) T n-Hexadecane (C16)	10.125	6803677	48.726 ug/ml
8) T n-Octadecane (C18)	11.574	6892409	48.741 ug/ml
10) T n-Eicosane (C20)	12.888	6864559	48.809 ug/ml
11) T n-Heneicosane (C21)	13.502	6847577	48.901 ug/ml
13) T n-Docosane (C22)	14.090	6821686	48.987 ug/ml
14) T n-Tetracosane (C24)	15.197	6773377	49.113 ug/ml
15) T n-Hexacosane (C26)	16.221	6677317	49.253 ug/ml
16) T n-Octacosane (C28)	17.173	6535838	49.288 ug/ml
17) T n-Tricontane (C30)	18.063	6526749	49.410 ug/ml
18) T n-Dotriacontane (C32)	18.898	6438595	49.433 ug/ml
19) T n-Tetratriacontane (C34)	19.683	6170453	49.468 ug/ml
20) T n-Hexatriacontane (C36)	20.425	6039761	49.643 ug/ml
21) T n-Octatriacontane (C38)	21.162	5881041	49.943 ug/ml
22) T n-Tetracontane (C40)	22.075	5741471	49.663 ug/ml

(f)=RT Delta > 1/2 Window

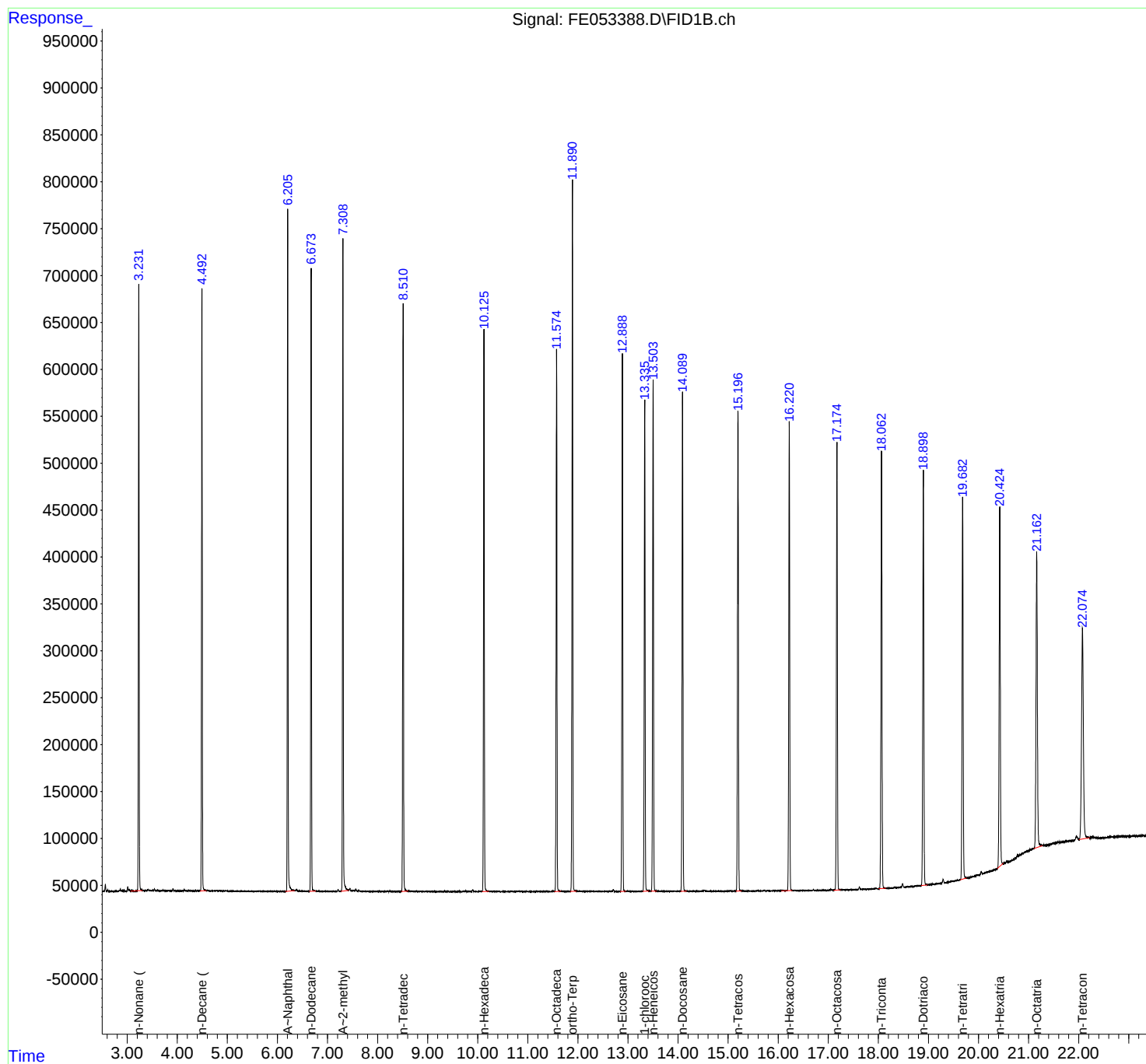
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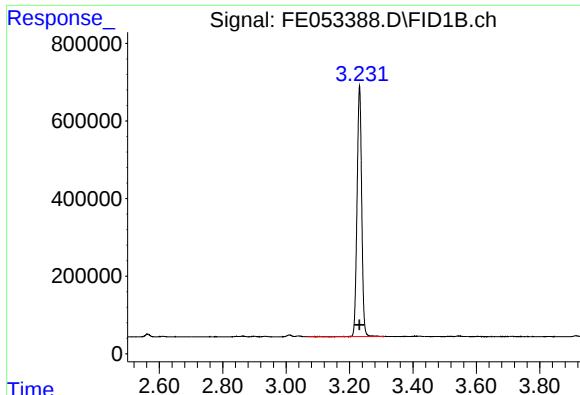
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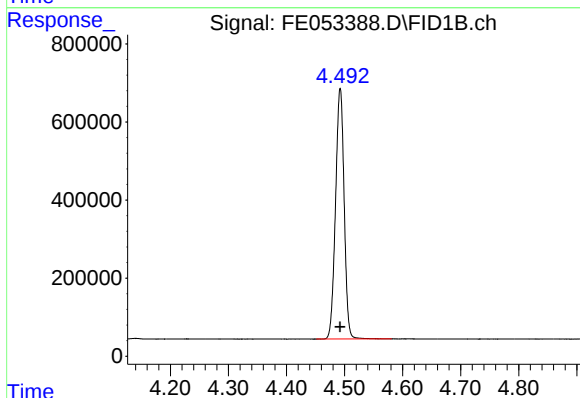




#1 n-Nonane (C9)

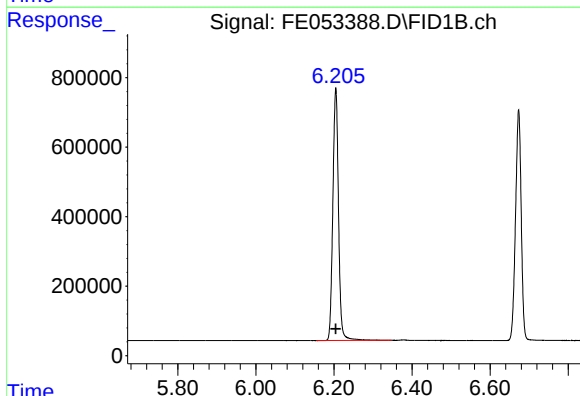
R.T.: 3.231 min
Delta R.T.: 0.000 min
Response: 6562926
Conc: 49.07 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



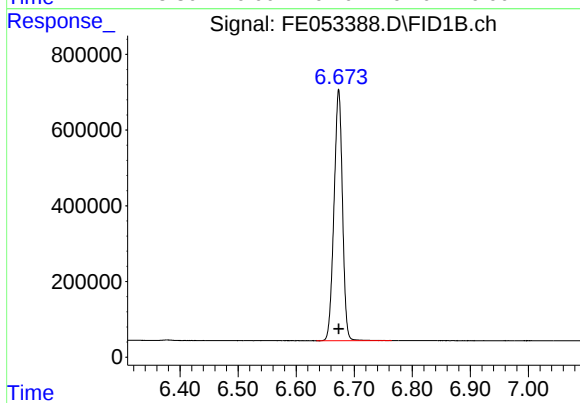
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 6620620
Conc: 48.97 ug/ml



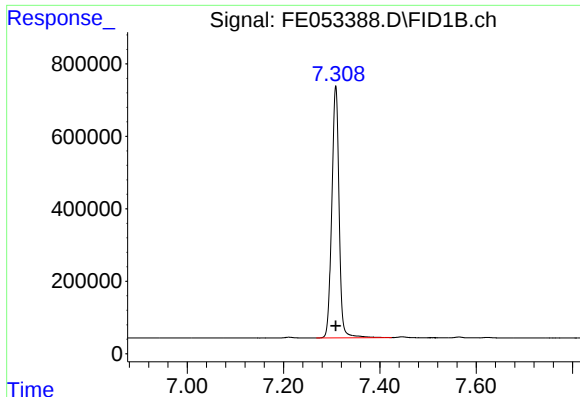
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 7332105
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

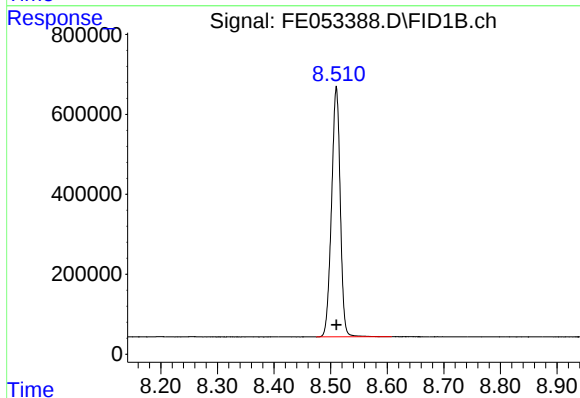
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 6713832
Conc: 48.90 ug/ml



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

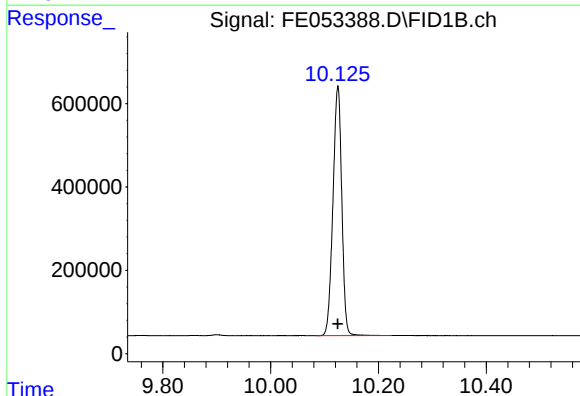
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 7291791
Conc: 48.92 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



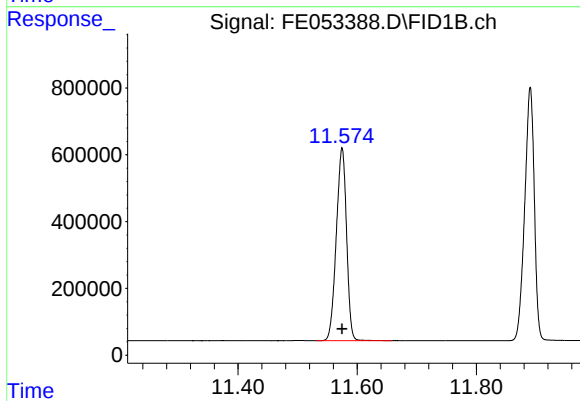
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 6689138
Conc: 48.81 ug/ml



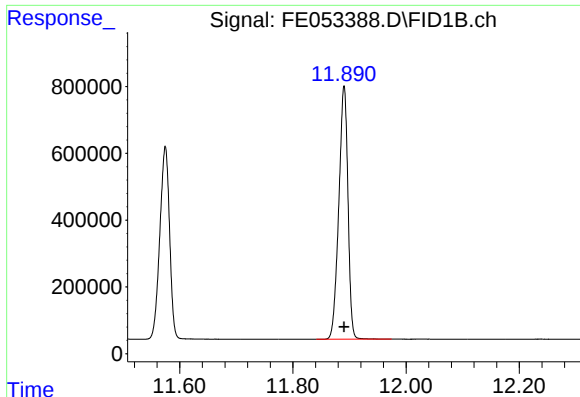
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.000 min
Response: 6803677
Conc: 48.73 ug/ml



#8 n-Octadecane (C18)

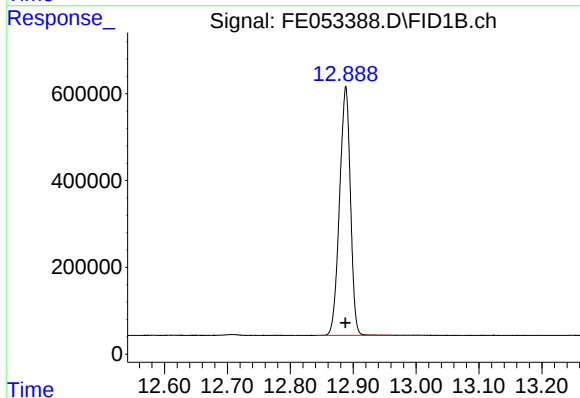
R.T.: 11.574 min
Delta R.T.: 0.000 min
Response: 6892409
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

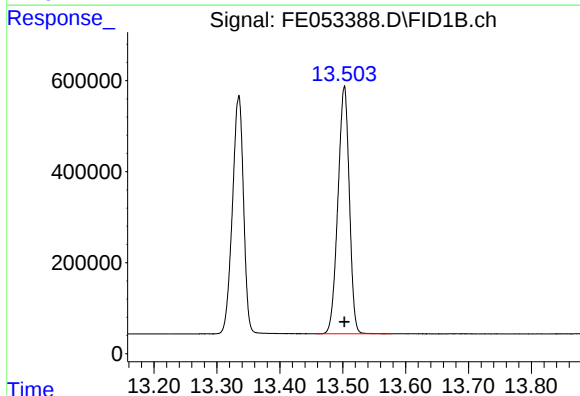
R.T.: 11.890 min
Delta R.T.: 0.000 min
Response: 8499004
Conc: 48.63 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



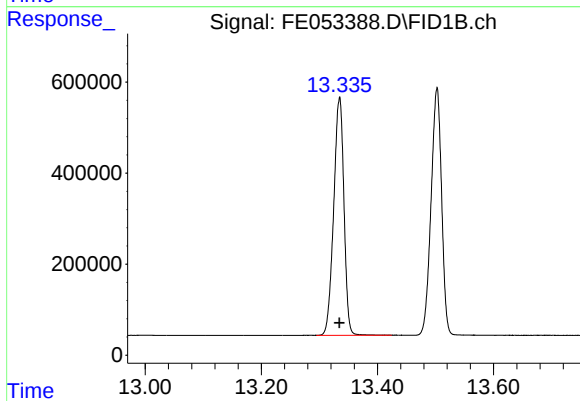
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 6864559
Conc: 48.81 ug/ml



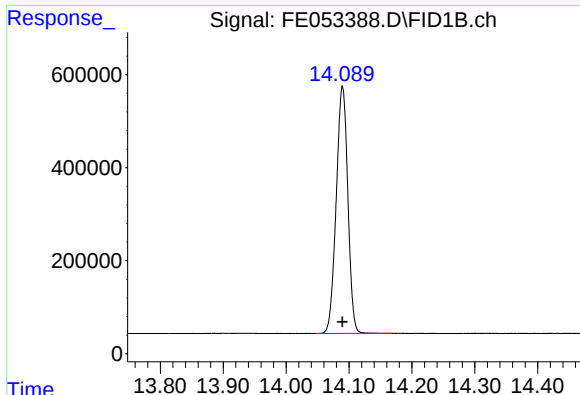
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 6847577
Conc: 48.90 ug/ml



#12 1-chlorooctadecane (SURR)

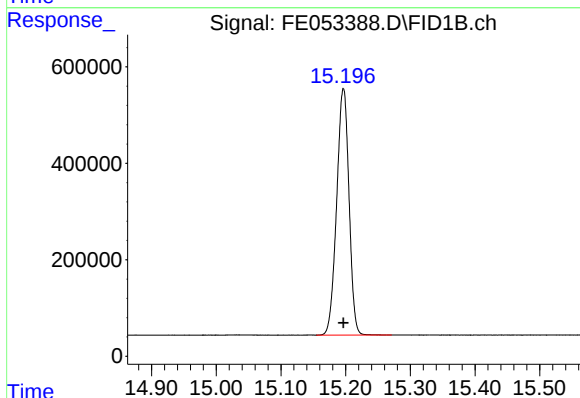
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 6421755
Conc: 48.85 ug/ml



#13 n-Docosane (C22)

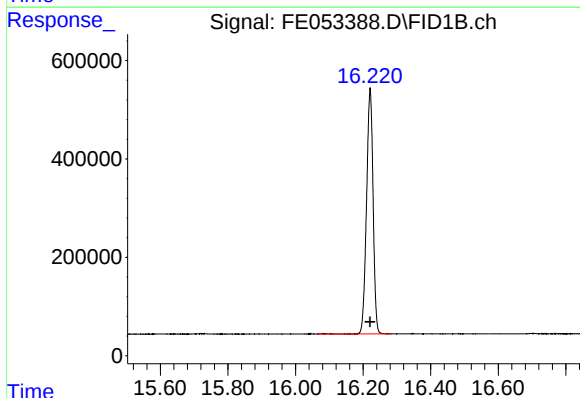
R.T.: 14.090 min
Delta R.T.: 0.000 min
Response: 6821686
Conc: 48.99 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



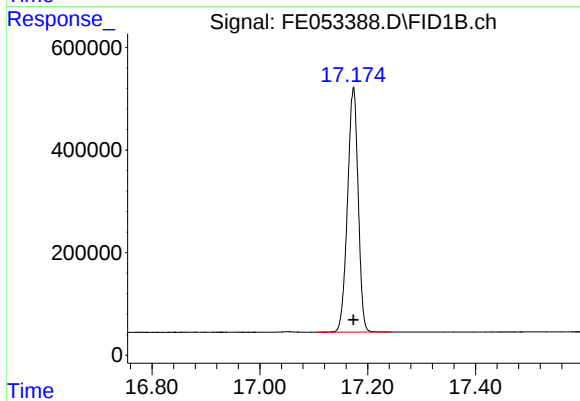
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: 0.000 min
Response: 6773377
Conc: 49.11 ug/ml



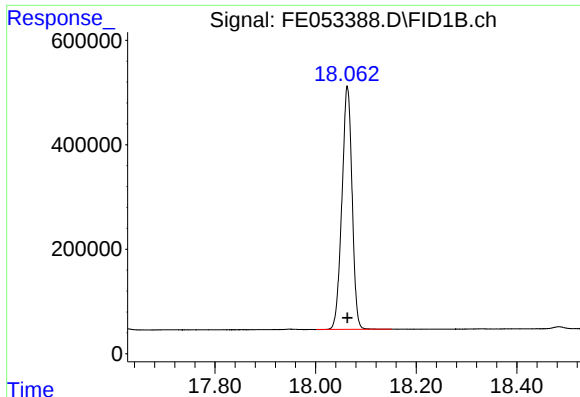
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 6677317
Conc: 49.25 ug/ml



#16 n-Octacosane (C28)

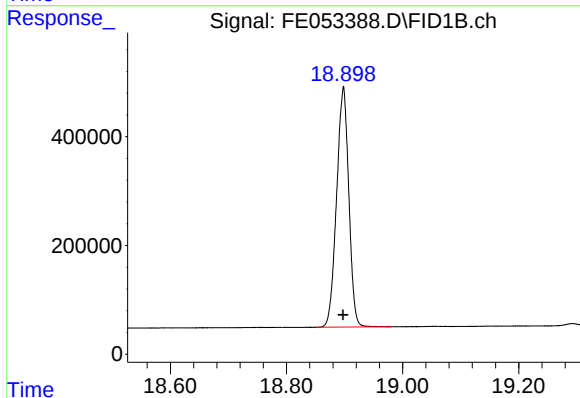
R.T.: 17.173 min
Delta R.T.: 0.000 min
Response: 6535838
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

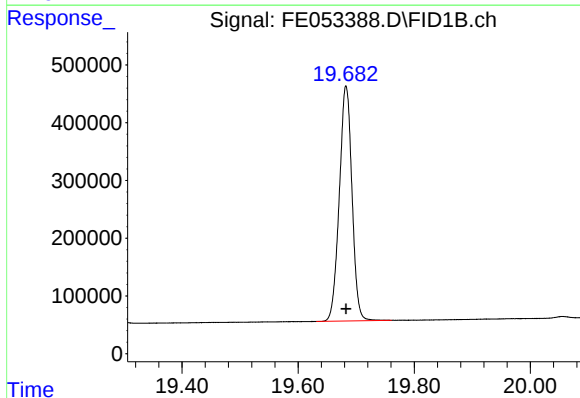
R.T.: 18.063 min
Delta R.T.: 0.000 min
Response: 6526749
Conc: 49.41 ug/ml

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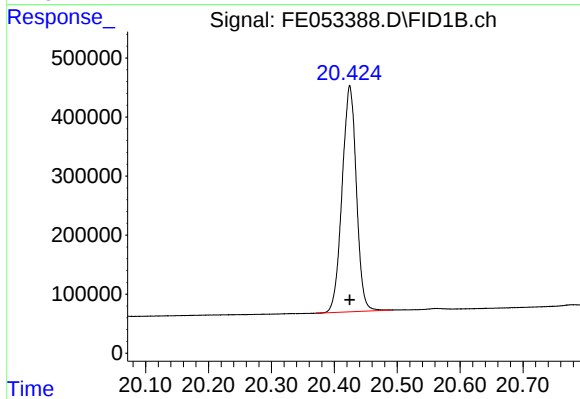
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: 0.000 min
Response: 6438595
Conc: 49.43 ug/ml



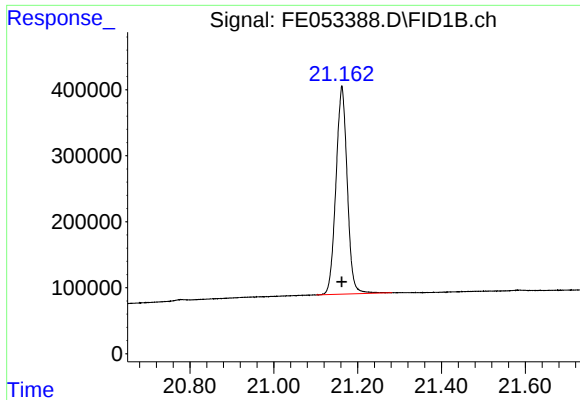
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 6170453
Conc: 49.47 ug/ml



#20 n-Hexatriacontane (C36)

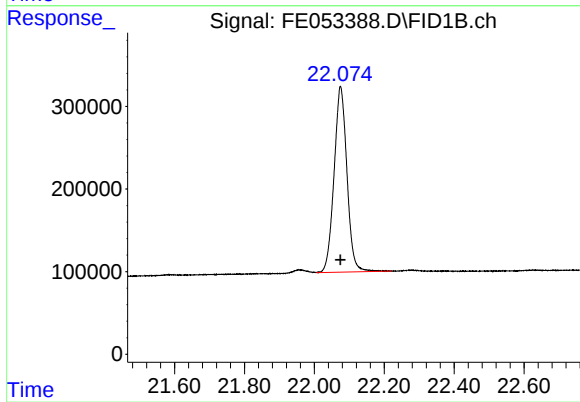
R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 6039761
Conc: 49.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 5881041
Conc: 49.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: 0.000 min
Response: 5741471
Conc: 49.66 ug/ml