

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101825AL\
 Data File : FE056377.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2025 23:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 20 11:48:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.053	3822158	18.709 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.489	2853186	18.700 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.399	3154160	19.351 ug/ml
2) T n-Decane (C10)	4.652	3296807	20.047 ug/ml
3) T A~Naphthalene (C11.7)	6.370	3524644	19.938 ug/ml
4) T n-Dodecane (C12)	6.826	3388004	20.193 ug/ml
5) T A~2-methylnaphthalene...	7.471	3360298	20.167 ug/ml
6) T n-Tetradecane (C14)	8.662	3358091	20.213 ug/ml
7) T n-Hexadecane (C16)	10.277	3440658	19.666 ug/ml
8) T n-Octadecane (C18)	11.727	3486286	19.112 ug/ml
10) T n-Eicosane (C20)	13.041	3334705	18.729 ug/ml
11) T n-Heneicosane (C21)	13.655	3262275	18.594 ug/ml
13) T n-Docosane (C22)	14.244	3250763	18.365 ug/ml
14) T n-Tetracosane (C24)	15.351	3222199	17.710 ug/ml
15) T n-Hexacosane (C26)	16.374	3125142	17.409 ug/ml
16) T n-Octacosane (C28)	17.327	3048032	17.134 ug/ml
17) T n-Tricontane (C30)	18.216	3102307	17.087 ug/ml
18) T n-Dotriacontane (C32)	19.050	2988483	16.951 ug/ml
19) T n-Tetratriacontane (C34)	19.836	2702799	17.460 ug/ml
20) T n-Hexatriacontane (C36)	20.577	2347388	18.789 ug/ml
21) T n-Octatriacontane (C38)	21.347	2138456	20.468 ug/ml
22) T n-Tetracontane (C40)	22.321	2046935	22.557 ug/ml

(f)=RT Delta > 1/2 Window

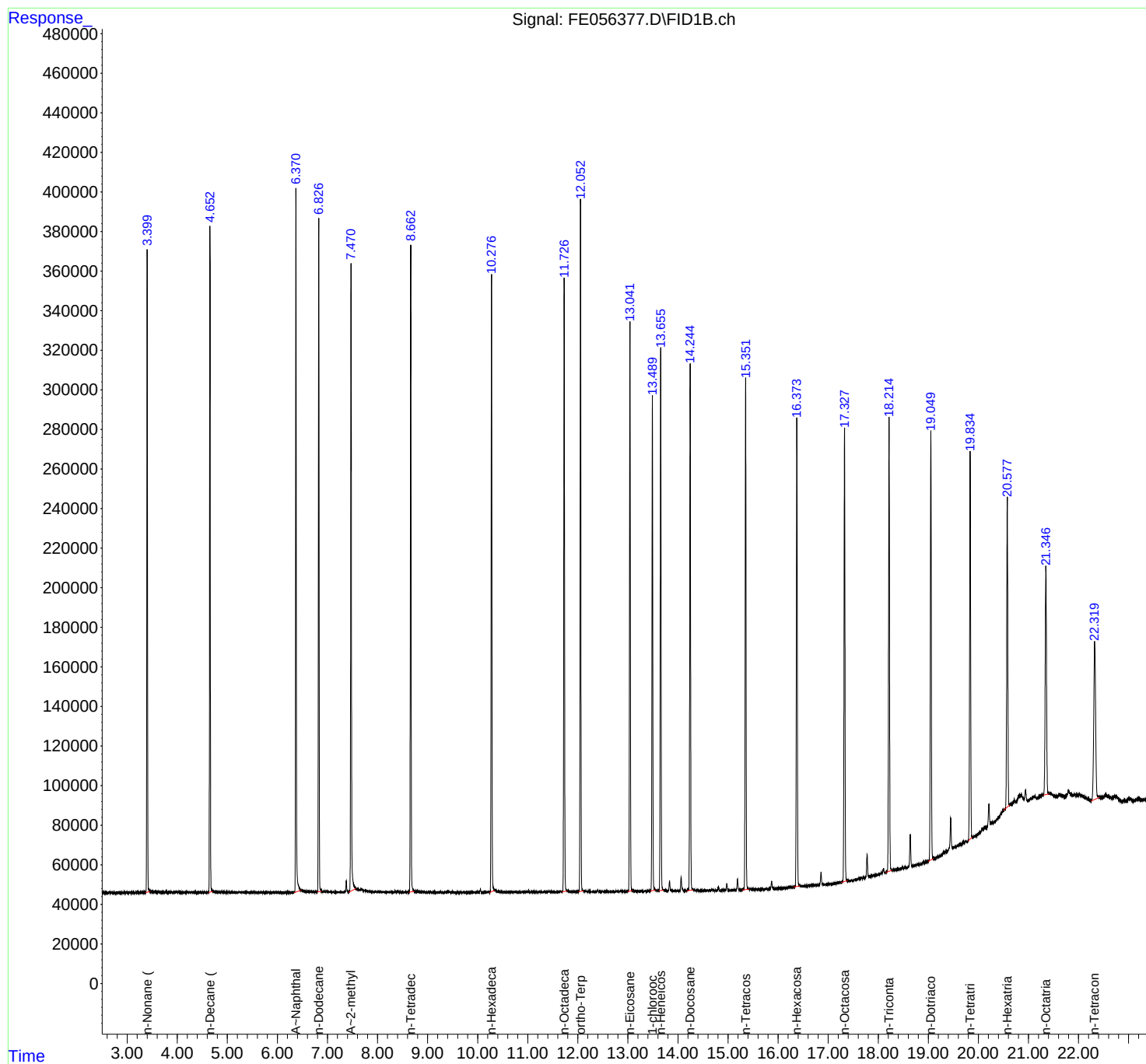
(m)=manual int.

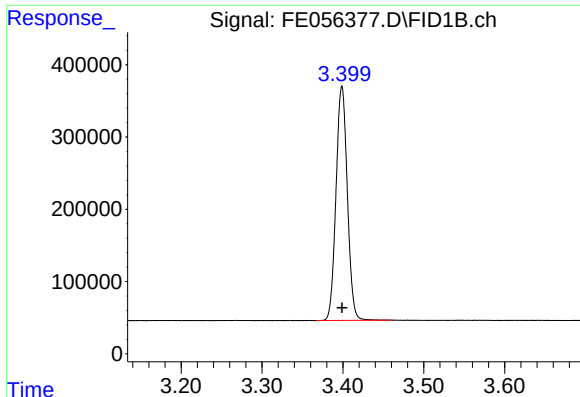
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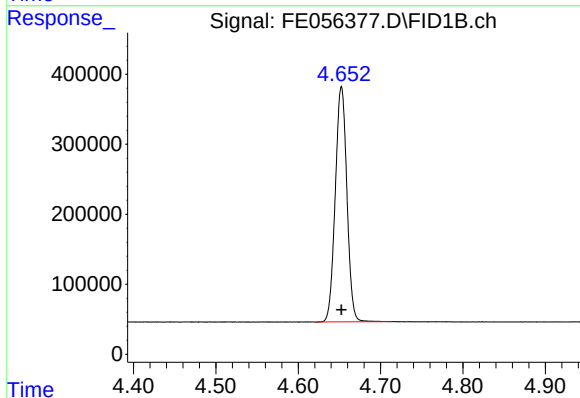




#1 n-Nonane (C9)

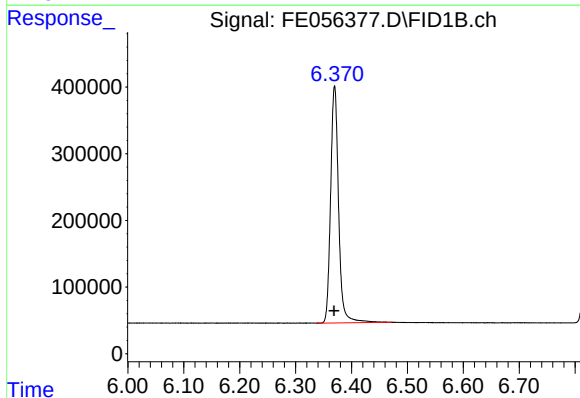
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 3154160
Conc: 19.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



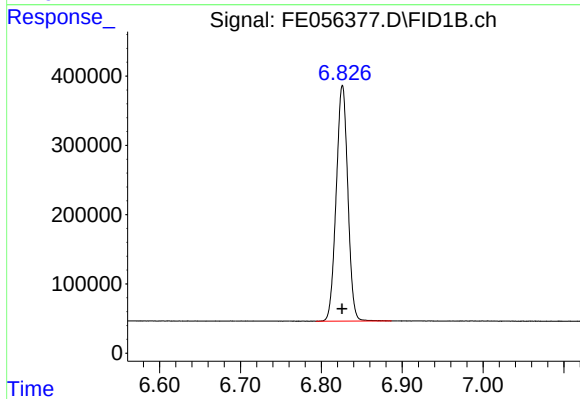
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3296807
Conc: 20.05 ug/ml



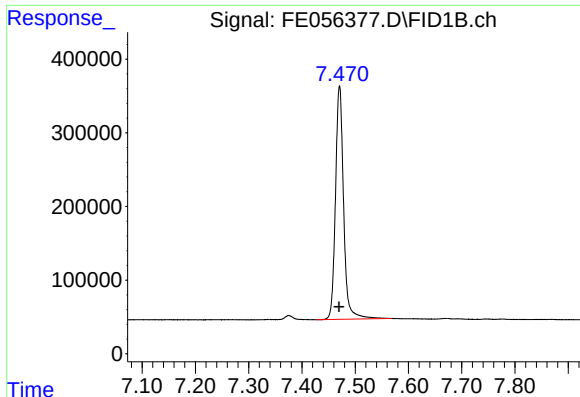
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 3524644
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

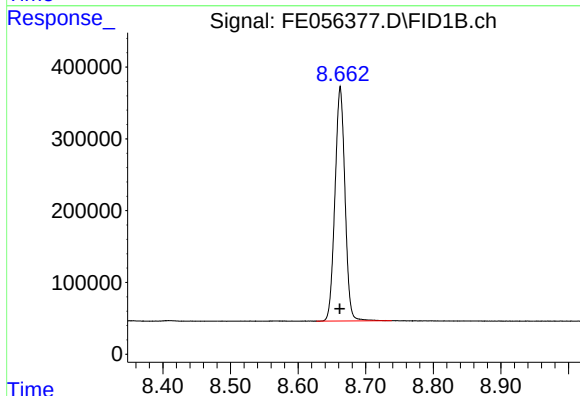
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3388004
Conc: 20.19 ug/ml



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

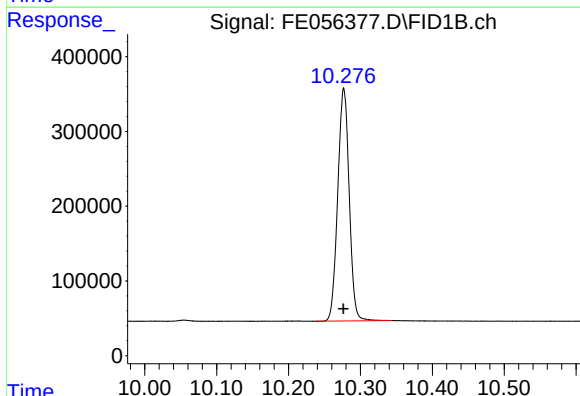
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 3360298
Conc: 20.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



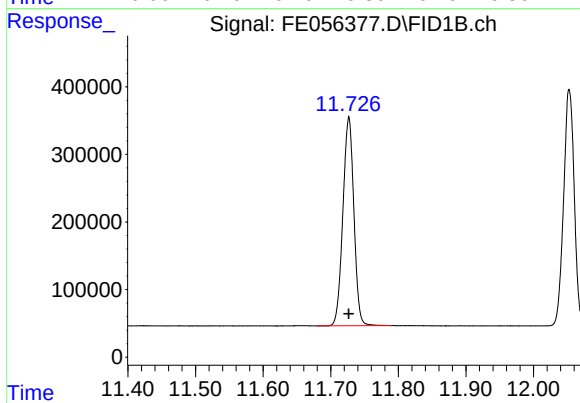
#6 n-Tetradecane (C14)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3358091
Conc: 20.21 ug/ml



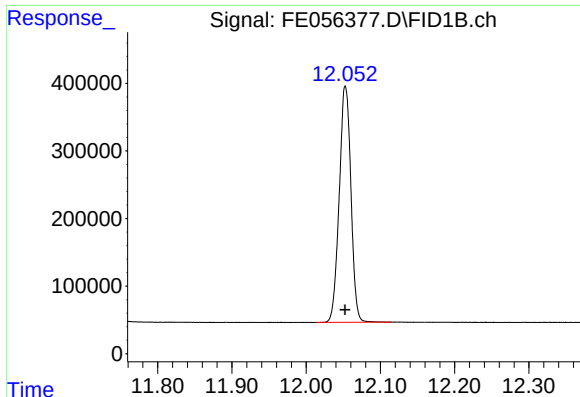
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 3440658
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

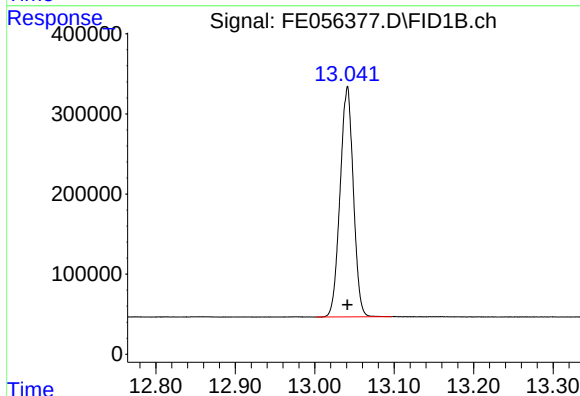
R.T.: 11.727 min
Delta R.T.: 0.000 min
Response: 3486286
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

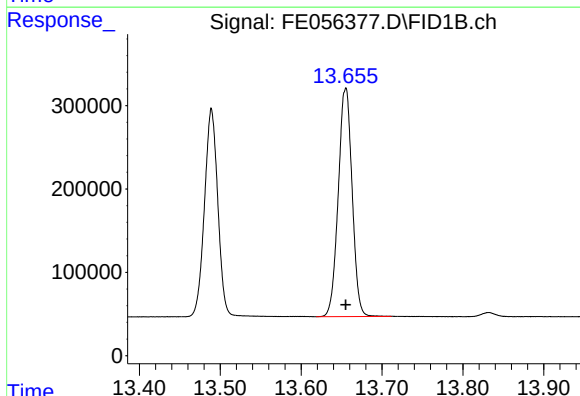
R.T.: 12.053 min
Delta R.T.: 0.000 min
Response: 3822158
Conc: 18.71 ug/ml

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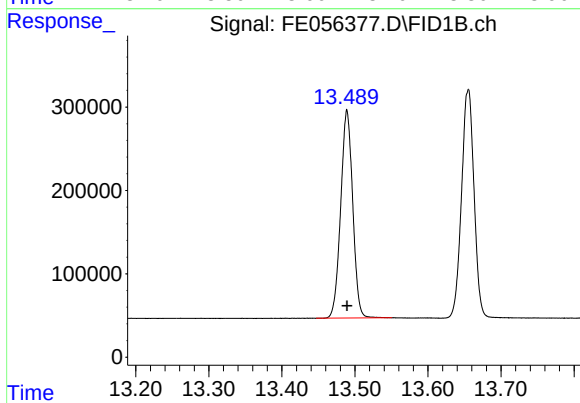
#10 n-Eicosane (C20)

R.T.: 13.041 min
Delta R.T.: 0.000 min
Response: 3334705
Conc: 18.73 ug/ml



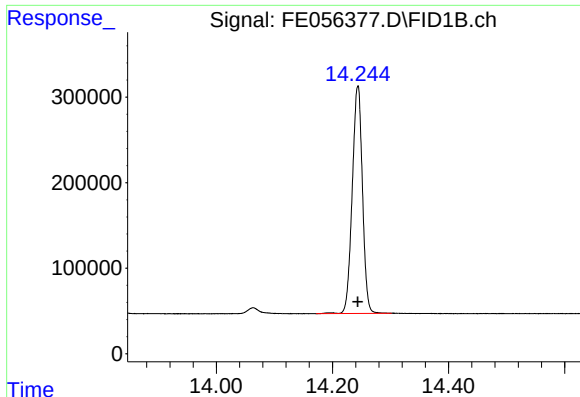
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: 0.000 min
Response: 3262275
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

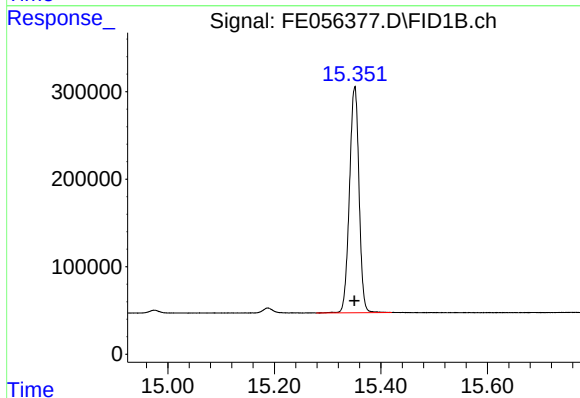
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 2853186
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

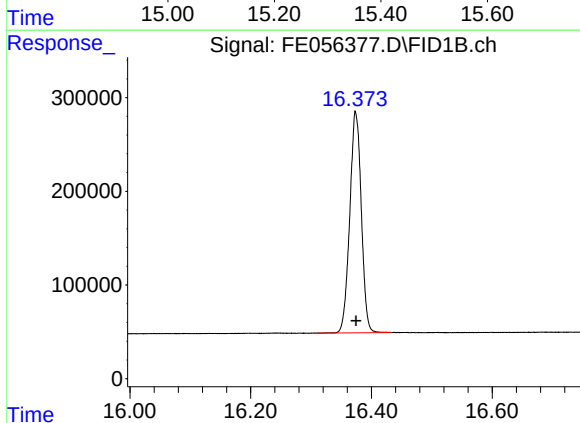
R.T.: 14.244 min
Delta R.T.: 0.000 min
Response: 3250763
Conc: 18.36 ug/ml

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20 PPM ALIPHATIC HC STD



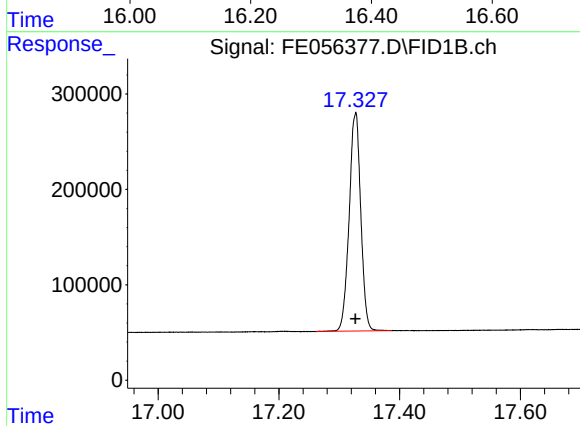
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: 0.000 min
Response: 3222199
Conc: 17.71 ug/ml



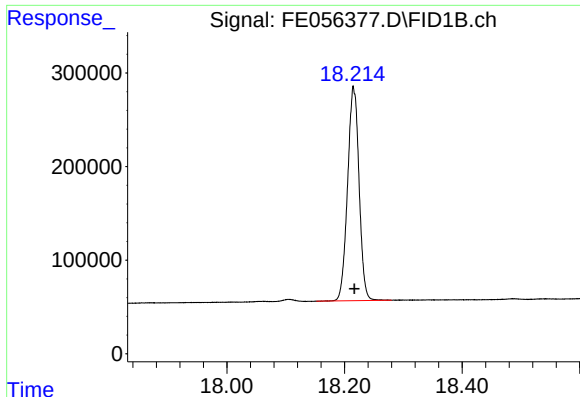
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 3125142
Conc: 17.41 ug/ml



#16 n-Octacosane (C28)

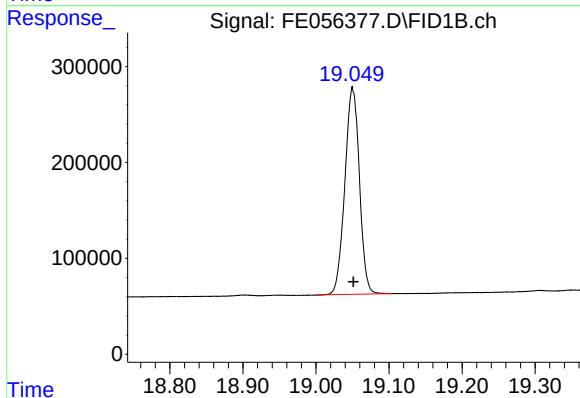
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 3048032
Conc: 17.13 ug/ml



#17 n-Tricontane (C30)

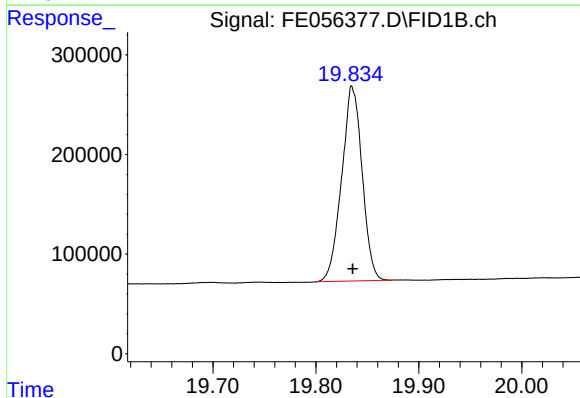
R.T.: 18.216 min
Delta R.T.: -0.001 min
Response: 3102307
Conc: 17.09 ug/ml

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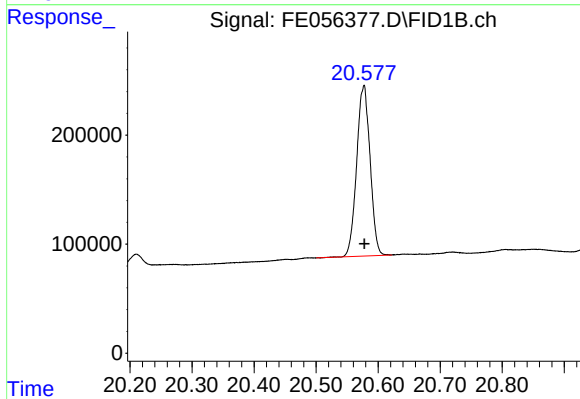
#18 n-Dotriacontane (C32)

R.T.: 19.050 min
Delta R.T.: -0.001 min
Response: 2988483
Conc: 16.95 ug/ml



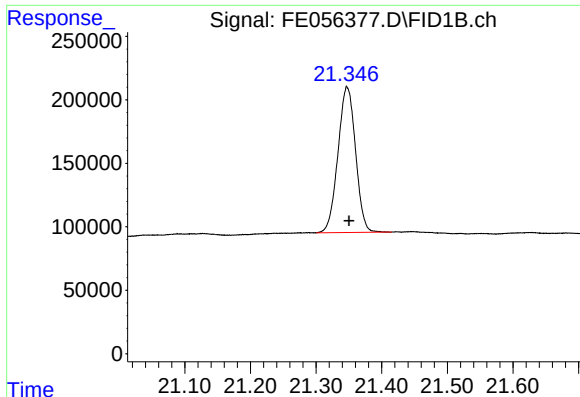
#19 n-Tetratriacontane (C34)

R.T.: 19.836 min
Delta R.T.: 0.000 min
Response: 2702799
Conc: 17.46 ug/ml



#20 n-Hexatriacontane (C36)

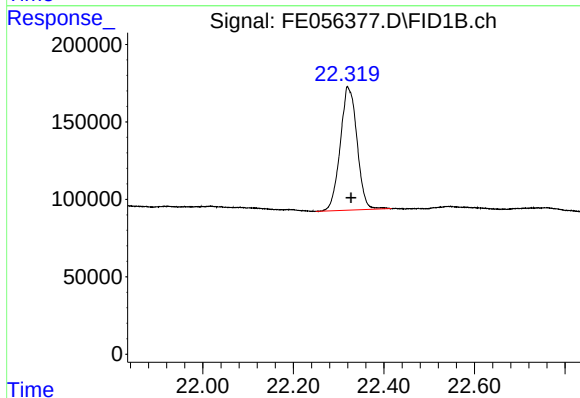
R.T.: 20.577 min
Delta R.T.: -0.001 min
Response: 2347388
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.347 min
Delta R.T.: -0.003 min
Response: 2138456
Conc: 20.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.321 min
Delta R.T.: -0.006 min
Response: 2046935
Conc: 22.56 ug/ml