

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053497.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 12:10
 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: Apr 24 01:25:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.871	3291193	18.248 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.315	2420195	17.904 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
Target Compounds			
1) T n-Nonane (C9)	3.220	2660729	19.407 ug/ml
2) T n-Decane (C10)	4.480	2727182	19.714 ug/ml
3) T A~Naphthalene (C11.7)	6.191	2991181	19.816 ug/ml
4) T n-Dodecane (C12)	6.660	2766676	19.727 ug/ml
5) T A~2-methylnaphthalene...	7.293	2952170	19.773 ug/ml
6) T n-Tetradecane (C14)	8.495	2736999	19.510 ug/ml
7) T n-Hexadecane (C16)	10.109	2728907	19.040 ug/ml
8) T n-Octadecane (C18)	11.556	2659092	18.246 ug/ml
10) T n-Eicosane (C20)	12.870	2645905	18.183 ug/ml
11) T n-Heneicosane (C21)	13.483	2607970	18.005 ug/ml
13) T n-Docosane (C22)	14.071	2579876	17.878 ug/ml
14) T n-Tetracosane (C24)	15.177	2522579	17.562 ug/ml
15) T n-Hexacosane (C26)	16.200	2480463	17.514 ug/ml
16) T n-Octacosane (C28)	17.151	2468183	17.741 ug/ml
17) T n-Tricontane (C30)	18.041	2539215	18.242 ug/ml
18) T n-Dotriacontane (C32)	18.874	2556690	18.620 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2453625	18.831 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2440185	19.329 ug/ml
21) T n-Octatriacontane (C38)	21.135	2413910	19.814 ug/ml
22) T n-Tetracontane (C40)	22.040	2377175	19.906 ug/ml

(f)=RT Delta > 1/2 Window

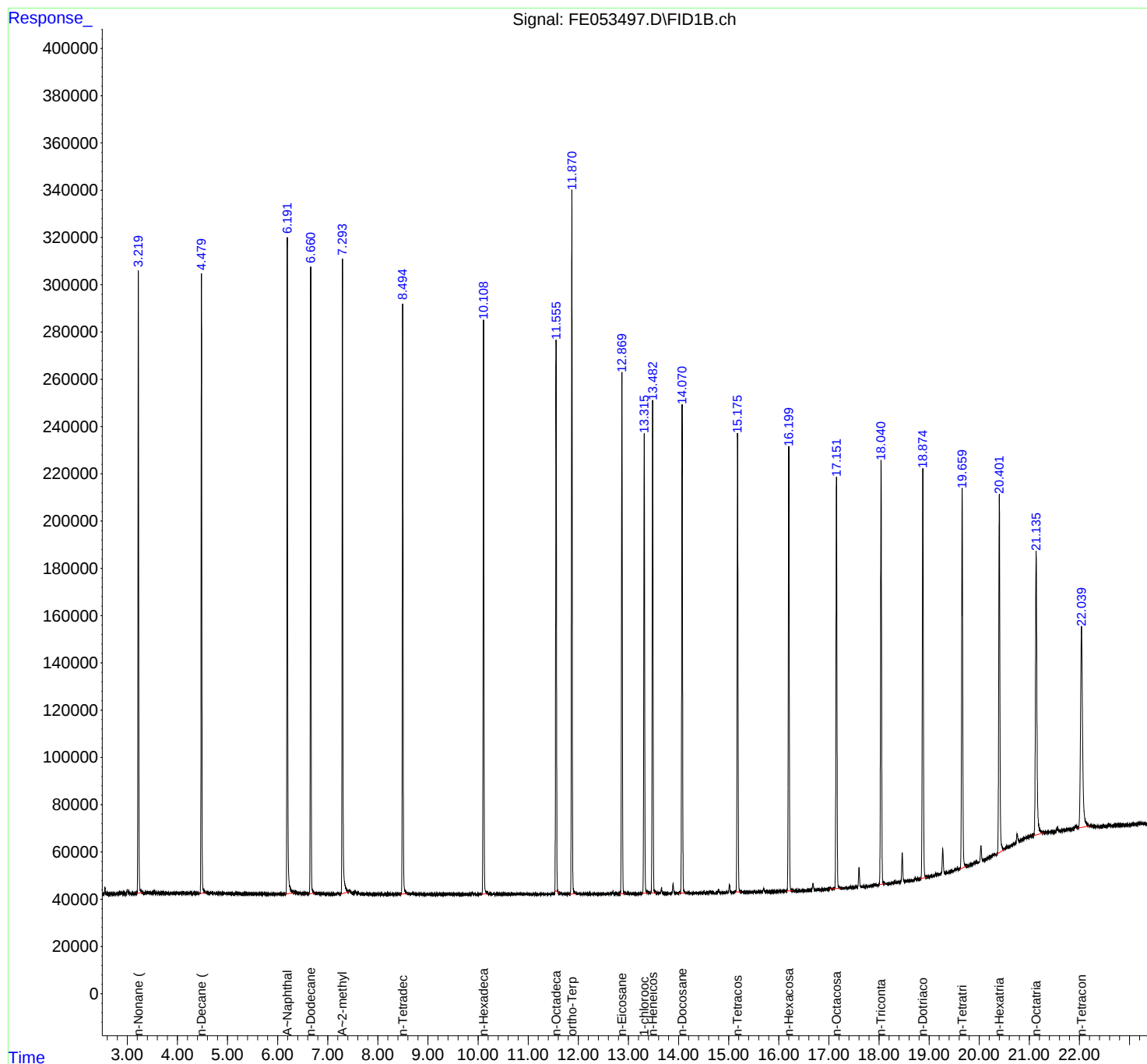
(m)=manual int.

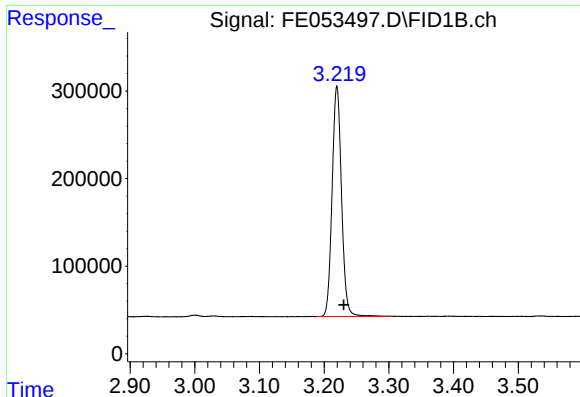
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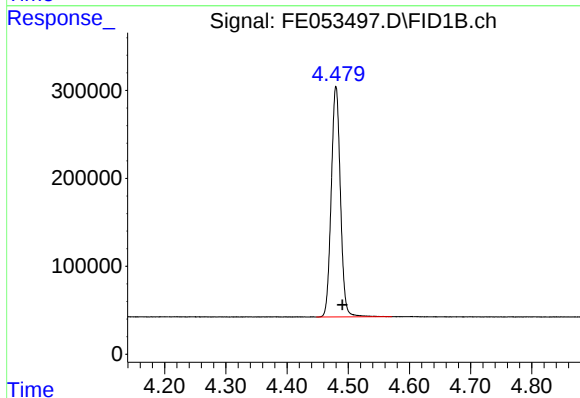




#1 n-Nonane (C9)

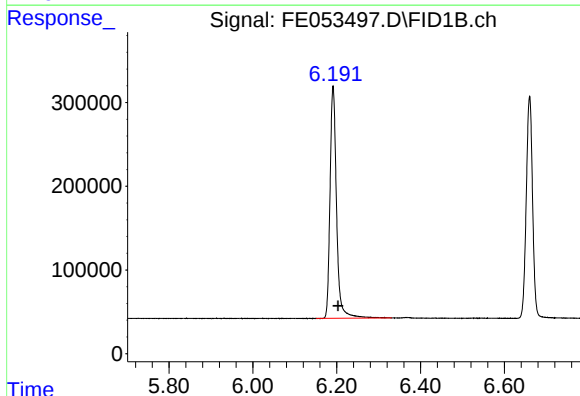
R.T.: 3.220 min
Delta R.T.: -0.010 min
Response: 2660729
Conc: 19.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



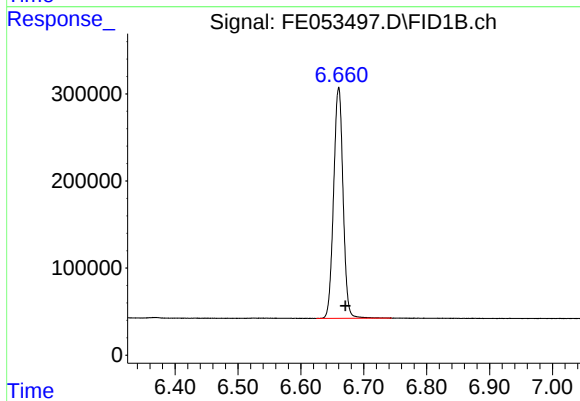
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.011 min
Response: 2727182
Conc: 19.71 ug/ml



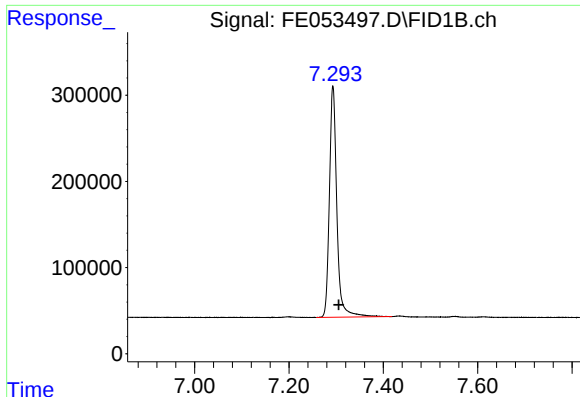
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.012 min
Response: 2991181
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

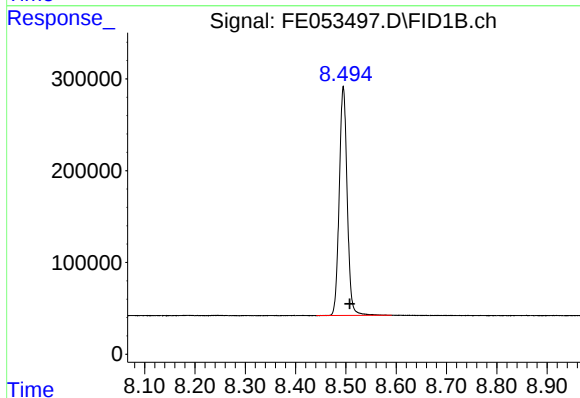
R.T.: 6.660 min
Delta R.T.: -0.011 min
Response: 2766676
Conc: 19.73 ug/ml



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

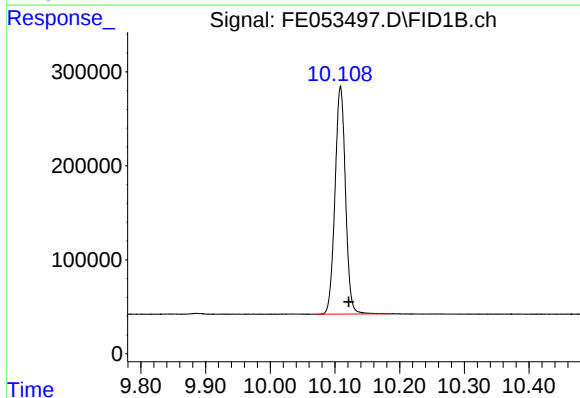
R.T.: 7.293 min
Delta R.T.: -0.012 min
Response: 2952170
Conc: 19.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



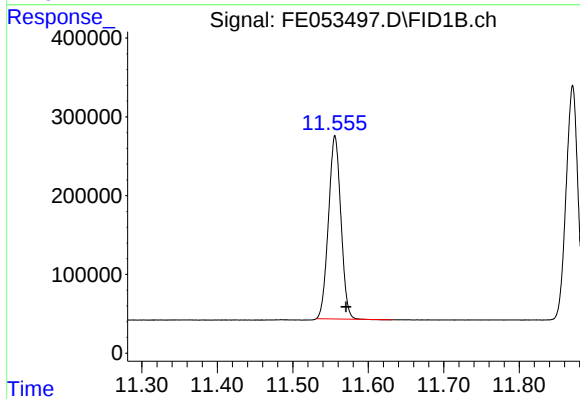
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.013 min
Response: 2736999
Conc: 19.51 ug/ml



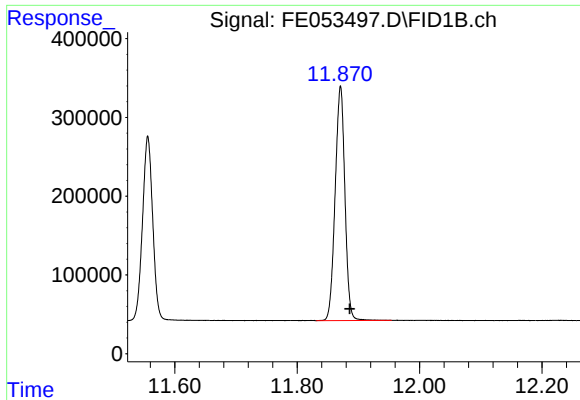
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.012 min
Response: 2728907
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

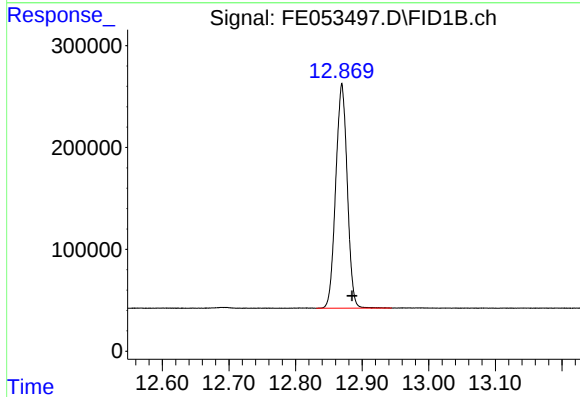
R.T.: 11.556 min
Delta R.T.: -0.015 min
Response: 2659092
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

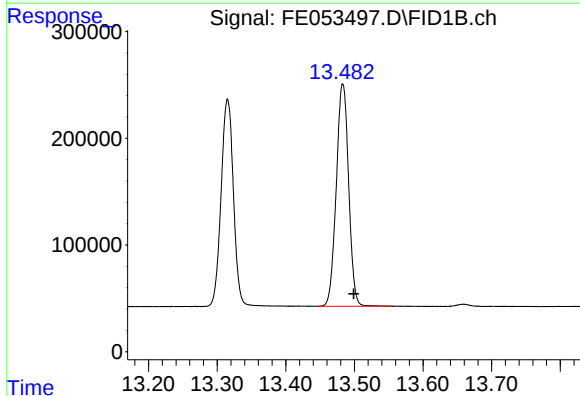
R.T.: 11.871 min
Delta R.T.: -0.015 min
Response: 3291193
Conc: 18.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



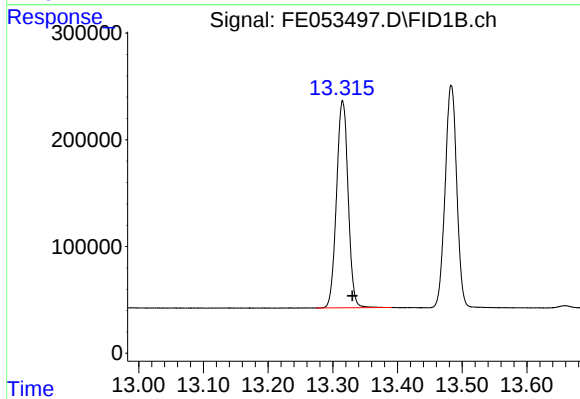
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.015 min
Response: 2645905
Conc: 18.18 ug/ml



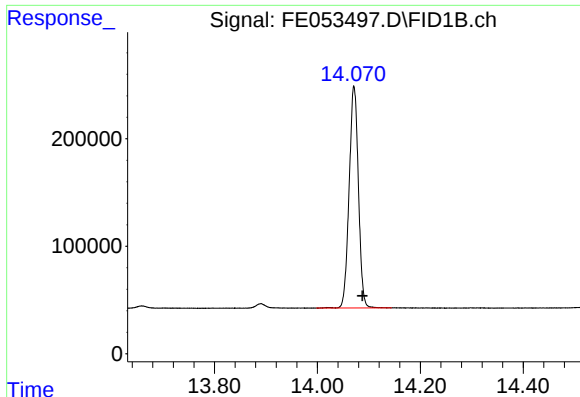
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.016 min
Response: 2607970
Conc: 18.01 ug/ml



#12 1-chlorooctadecane (SURR)

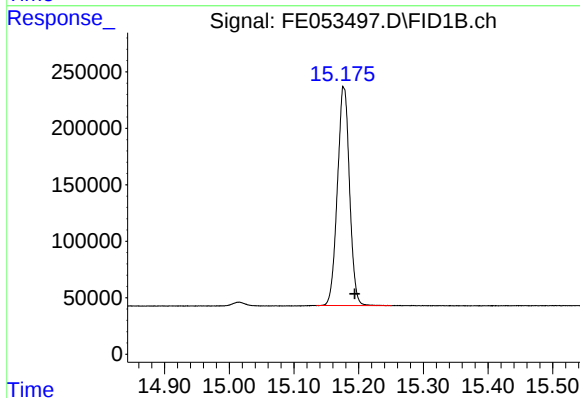
R.T.: 13.315 min
Delta R.T.: -0.015 min
Response: 2420195
Conc: 17.90 ug/ml



#13 n-Docosane (C22)

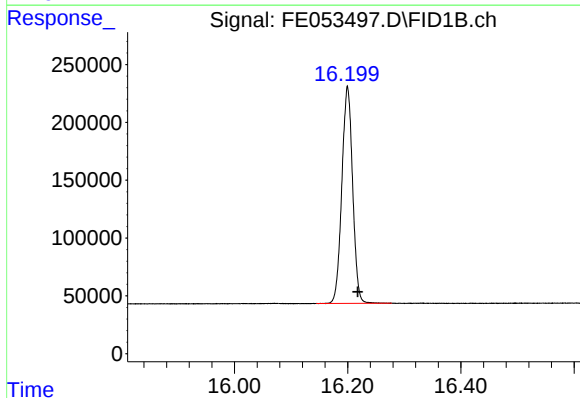
R.T.: 14.071 min
Delta R.T.: -0.016 min
Response: 2579876
Conc: 17.88 ug/ml

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20 PPM ALIPHATIC HC STD



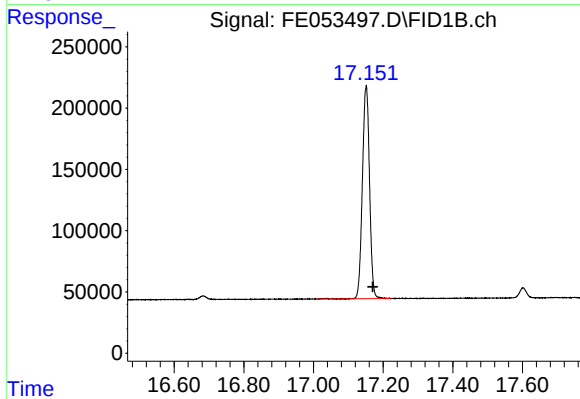
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.017 min
Response: 2522579
Conc: 17.56 ug/ml



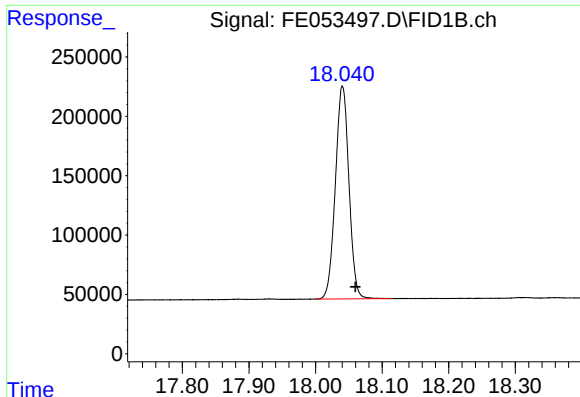
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.018 min
Response: 2480463
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

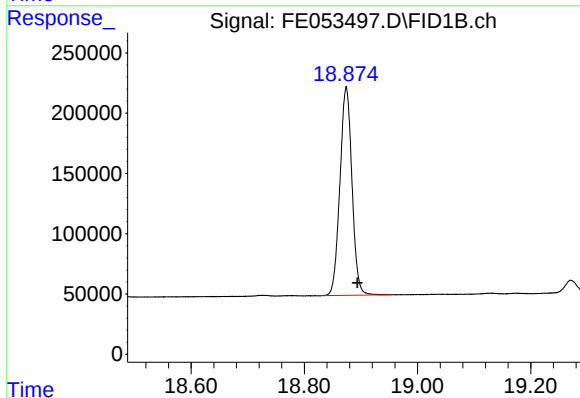
R.T.: 17.151 min
Delta R.T.: -0.019 min
Response: 2468183
Conc: 17.74 ug/ml



#17 n-Tricontane (C30)

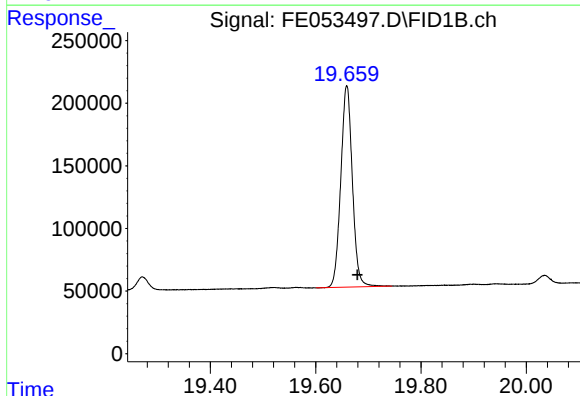
R.T.: 18.041 min
Delta R.T.: -0.019 min
Response: 2539215
Conc: 18.24 ug/ml

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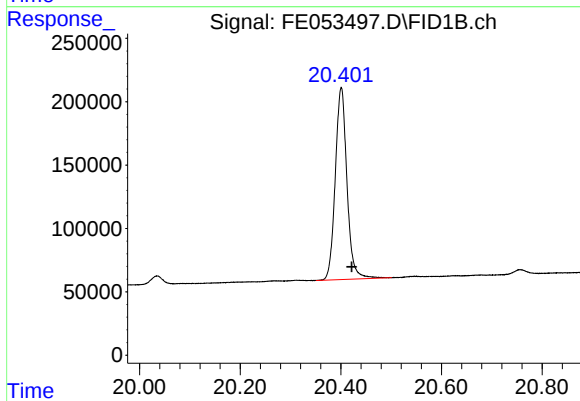
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.019 min
Response: 2556690
Conc: 18.62 ug/ml



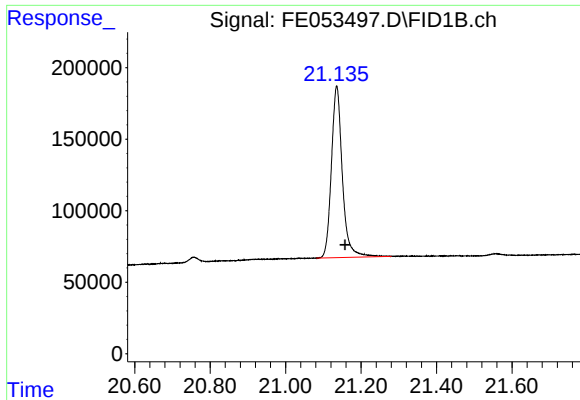
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.020 min
Response: 2453625
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

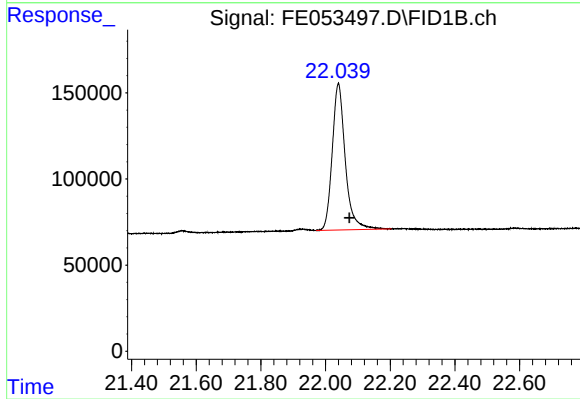
R.T.: 20.401 min
Delta R.T.: -0.021 min
Response: 2440185
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.023 min
Response: 2413910
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.034 min
Response: 2377175
Conc: 19.91 ug/ml