

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053661.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 09:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 06 11:18:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.862	3765190	20.876 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
12) S 1-chlorooctadecane (S...	13.308	2758797	20.409 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.210	2975906	21.706 ug/ml
2) T n-Decane (C10)	4.471	3011686	21.771 ug/ml
3) T A~Naphthalene (C11.7)	6.184	3344801	22.159 ug/ml
4) T n-Dodecane (C12)	6.652	3069124	21.883 ug/ml
5) T A~2-methylnaphthalene...	7.286	3281884	21.981 ug/ml
6) T n-Tetradecane (C14)	8.488	3061720	21.824 ug/ml
7) T n-Hexadecane (C16)	10.101	3086737	21.537 ug/ml
8) T n-Octadecane (C18)	11.548	3091525	21.213 ug/ml
10) T n-Eicosane (C20)	12.862	3034022	20.851 ug/ml
11) T n-Heneicosane (C21)	13.475	2999430	20.708 ug/ml
13) T n-Docosane (C22)	14.064	2964956	20.547 ug/ml
14) T n-Tetracosane (C24)	15.169	2908208	20.246 ug/ml
15) T n-Hexacosane (C26)	16.192	2842016	20.067 ug/ml
16) T n-Octacosane (C28)	17.144	2792286	20.070 ug/ml
17) T n-Tricontane (C30)	18.034	2795757	20.085 ug/ml
18) T n-Dotriacontane (C32)	18.868	2818428	20.526 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2694693	20.682 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2580457	20.440 ug/ml
21) T n-Octatriacontane (C38)	21.129	2502883	20.544 ug/ml
22) T n-Tetracontane (C40)	22.031	2323750	19.458 ug/ml

(f)=RT Delta > 1/2 Window

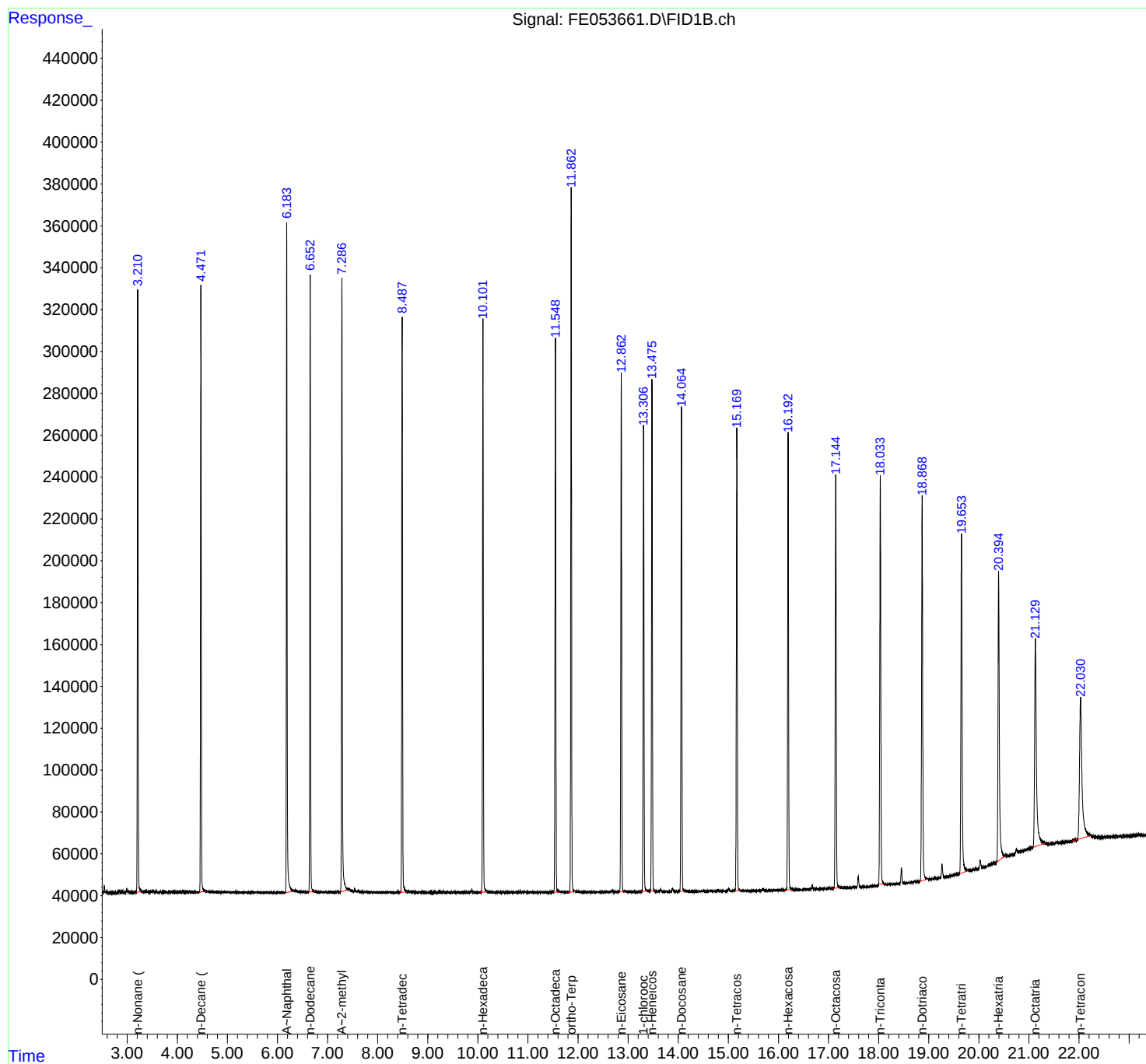
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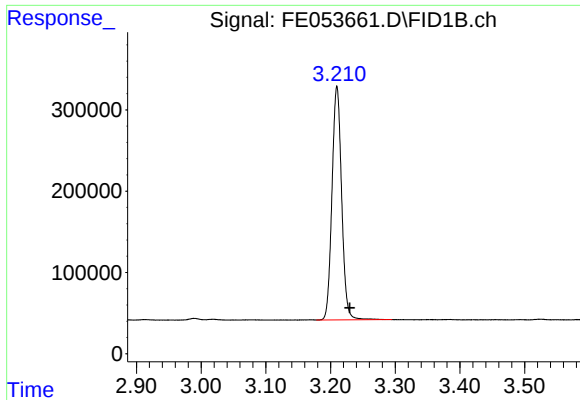
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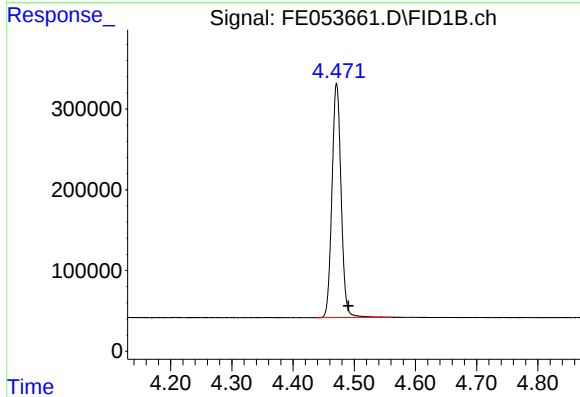




#1 n-Nonane (C9)

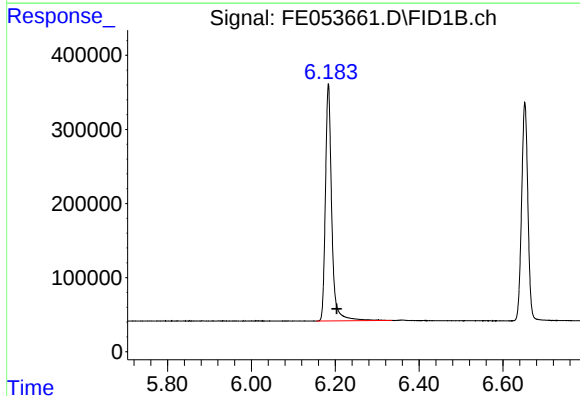
R.T.: 3.210 min
Delta R.T.: -0.020 min
Response: 2975906
Conc: 21.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



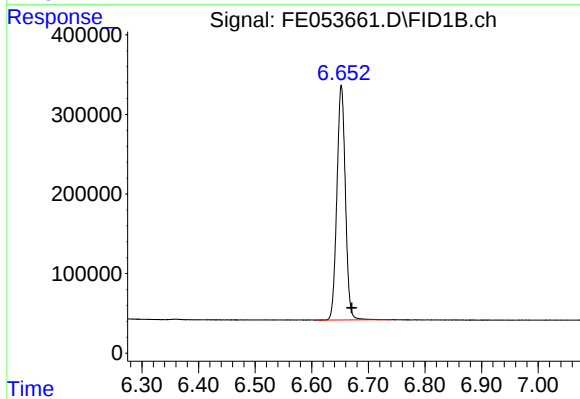
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.019 min
Response: 3011686
Conc: 21.77 ug/ml



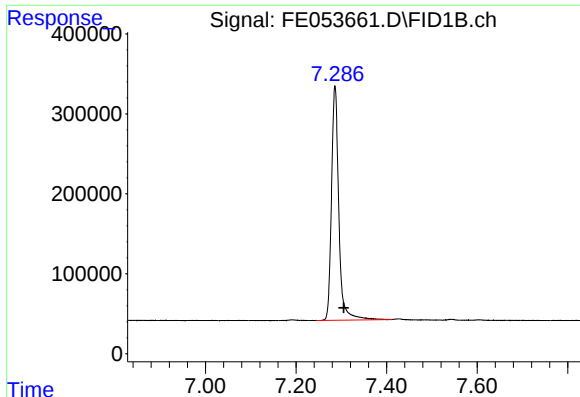
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 3344801
Conc: 22.16 ug/ml



#4 n-Dodecane (C12)

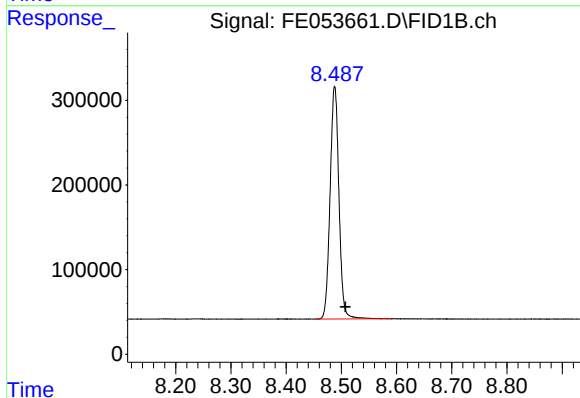
R.T.: 6.652 min
Delta R.T.: -0.019 min
Response: 3069124
Conc: 21.88 ug/ml



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

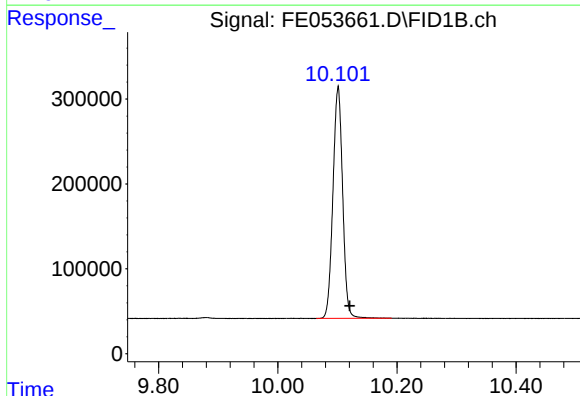
R.T.: 7.286 min
Delta R.T.: -0.020 min
Response: 3281884
Conc: 21.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



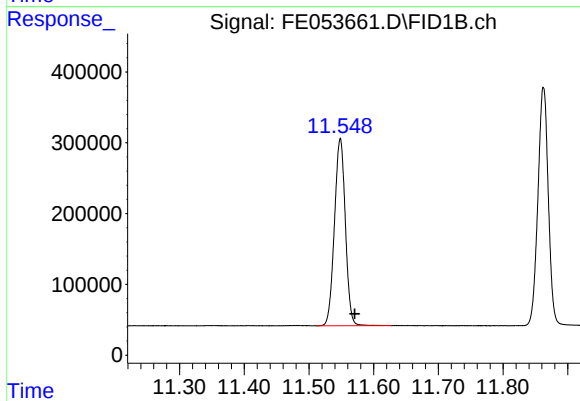
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.020 min
Response: 3061720
Conc: 21.82 ug/ml



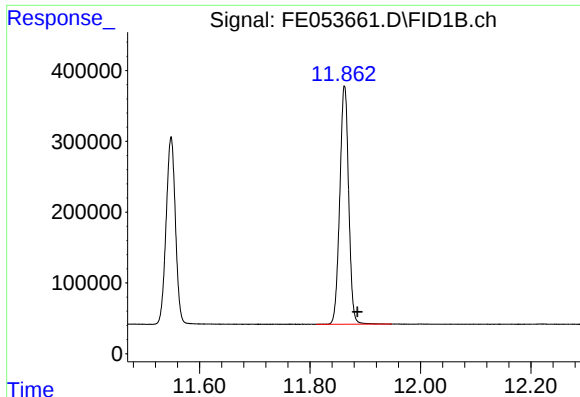
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.020 min
Response: 3086737
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

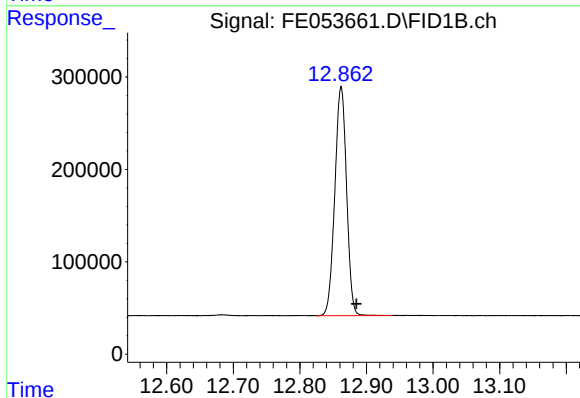
R.T.: 11.548 min
Delta R.T.: -0.023 min
Response: 3091525
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

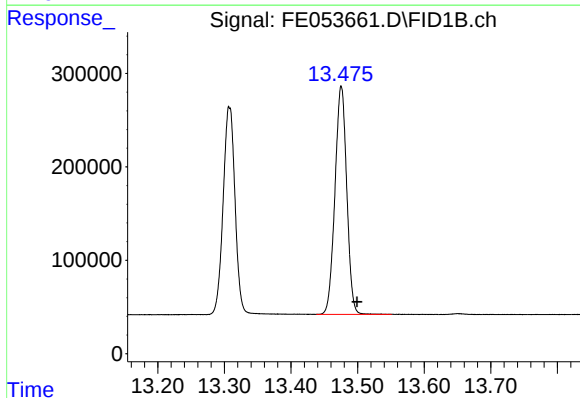
R.T.: 11.862 min
Delta R.T.: -0.023 min
Response: 3765190
Conc: 20.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



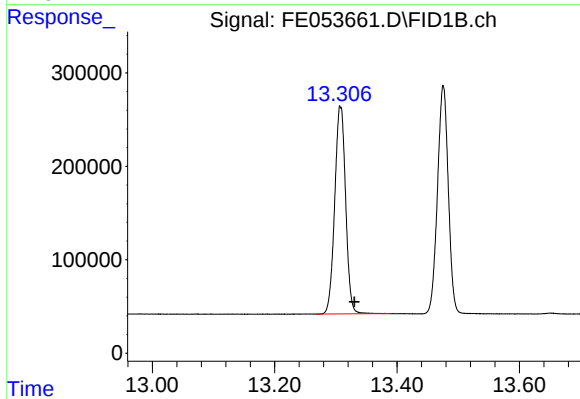
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.023 min
Response: 3034022
Conc: 20.85 ug/ml



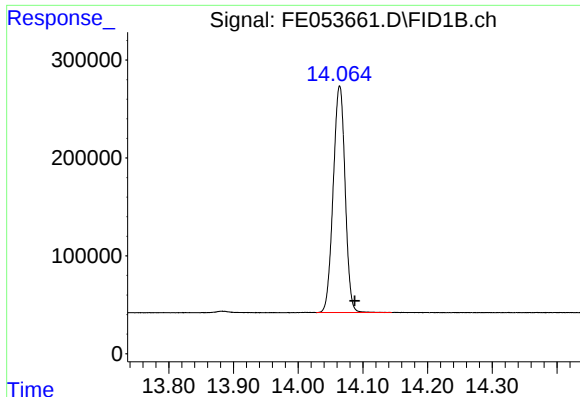
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.024 min
Response: 2999430
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

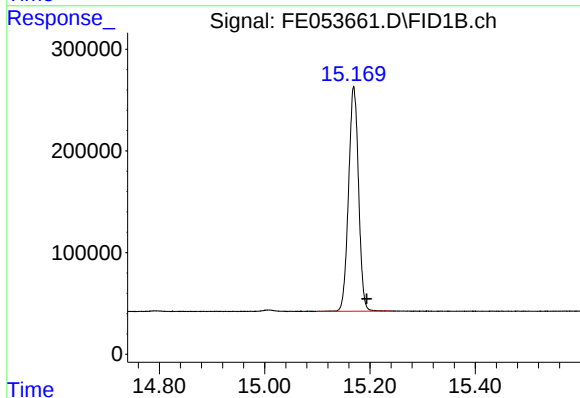
R.T.: 13.308 min
Delta R.T.: -0.023 min
Response: 2758797
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

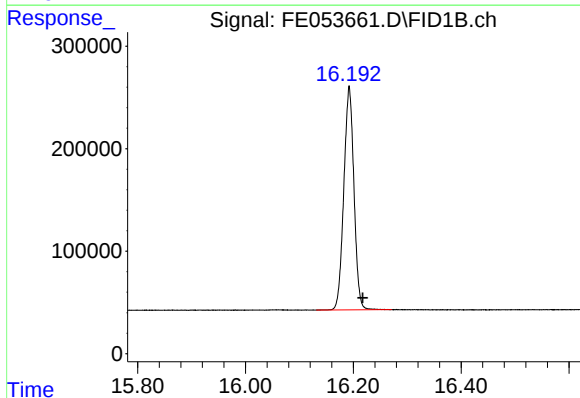
R.T.: 14.064 min
Delta R.T.: -0.023 min
Response: 2964956
Conc: 20.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



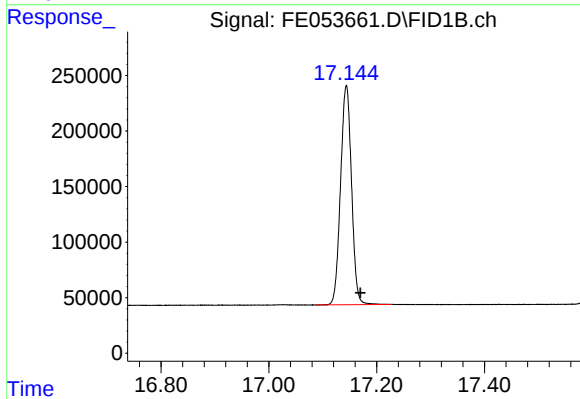
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.024 min
Response: 2908208
Conc: 20.25 ug/ml



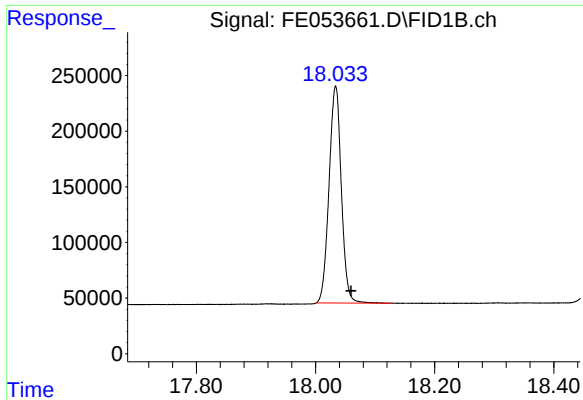
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.025 min
Response: 2842016
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

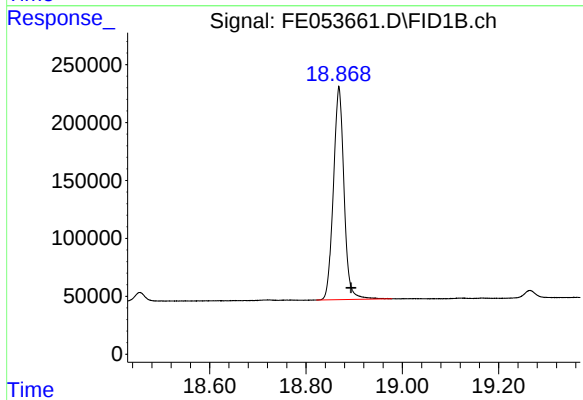
R.T.: 17.144 min
Delta R.T.: -0.026 min
Response: 2792286
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

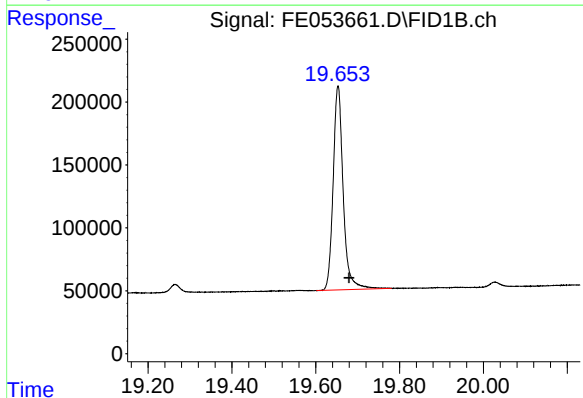
R.T.: 18.034 min
Delta R.T.: -0.026 min
Response: 2795757
Conc: 20.09 ug/ml

Instrument :
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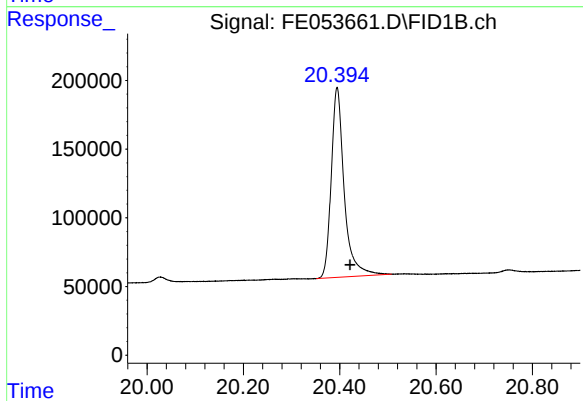
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.025 min
Response: 2818428
Conc: 20.53 ug/ml



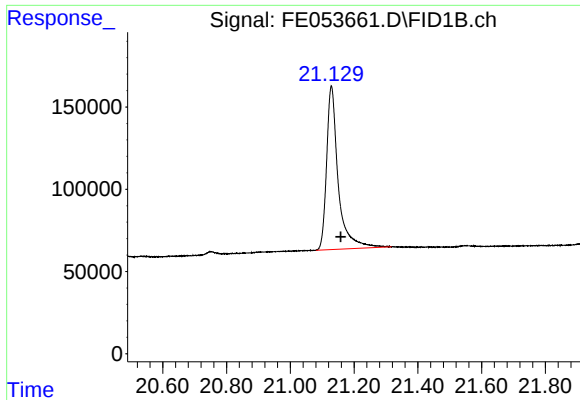
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.026 min
Response: 2694693
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

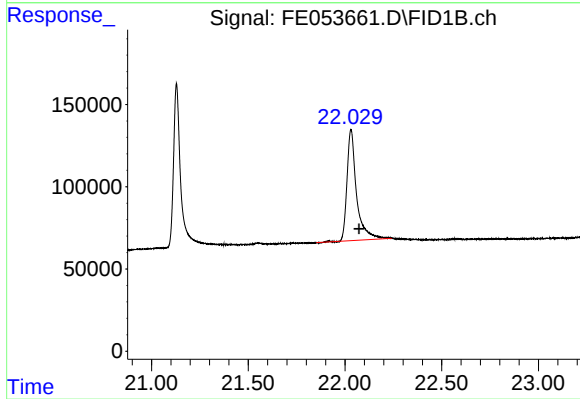
R.T.: 20.395 min
Delta R.T.: -0.027 min
Response: 2580457
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.029 min
Response: 2502883
Conc: 20.54 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: -0.042 min
Response: 2323750
Conc: 19.46 ug/ml