

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053664.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 12:03
 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: May 06 18:37:30 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)	11.863	3512441	19.474 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.307	2588885	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T n-Nonane (C9)	3.209	2811000	20.503 ug/ml
2) T n-Decane (C10)	4.471	2837913	20.515 ug/ml
3) T A~Naphthalene (C11.7)	6.183	3110618	20.608 ug/ml
4) T n-Dodecane (C12)	6.652	2882582	20.553 ug/ml
5) T A~2-methylnaphthalene...	7.285	3060545	20.499 ug/ml
6) T n-Tetradecane (C14)	8.487	2869209	20.452 ug/ml
7) T n-Hexadecane (C16)	10.100	2887094	20.144 ug/ml
8) T n-Octadecane (C18)	11.548	2891281	19.839 ug/ml
10) T n-Eicosane (C20)	12.862	2840173	19.518 ug/ml
11) T n-Heneicosane (C21)	13.475	2809713	19.398 ug/ml
13) T n-Docosane (C22)	14.063	2776387	19.240 ug/ml
14) T n-Tetracosane (C24)	15.168	2725544	18.975 ug/ml
15) T n-Hexacosane (C26)	16.191	2665799	18.822 ug/ml
16) T n-Octacosane (C28)	17.143	2628129	18.890 ug/ml
17) T n-Tricontane (C30)	18.032	2622678	18.842 ug/ml
18) T n-Dotriacontane (C32)	18.867	2665979	19.416 ug/ml
19) T n-Tetratriacontane (C34)	19.652	2556841	19.624 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2492172	19.741 ug/ml
21) T n-Octatriacontane (C38)	21.127	2398166	19.684 ug/ml
22) T n-Tetracontane (C40)	22.029	2286819	19.149 ug/ml

(f)=RT Delta > 1/2 Window

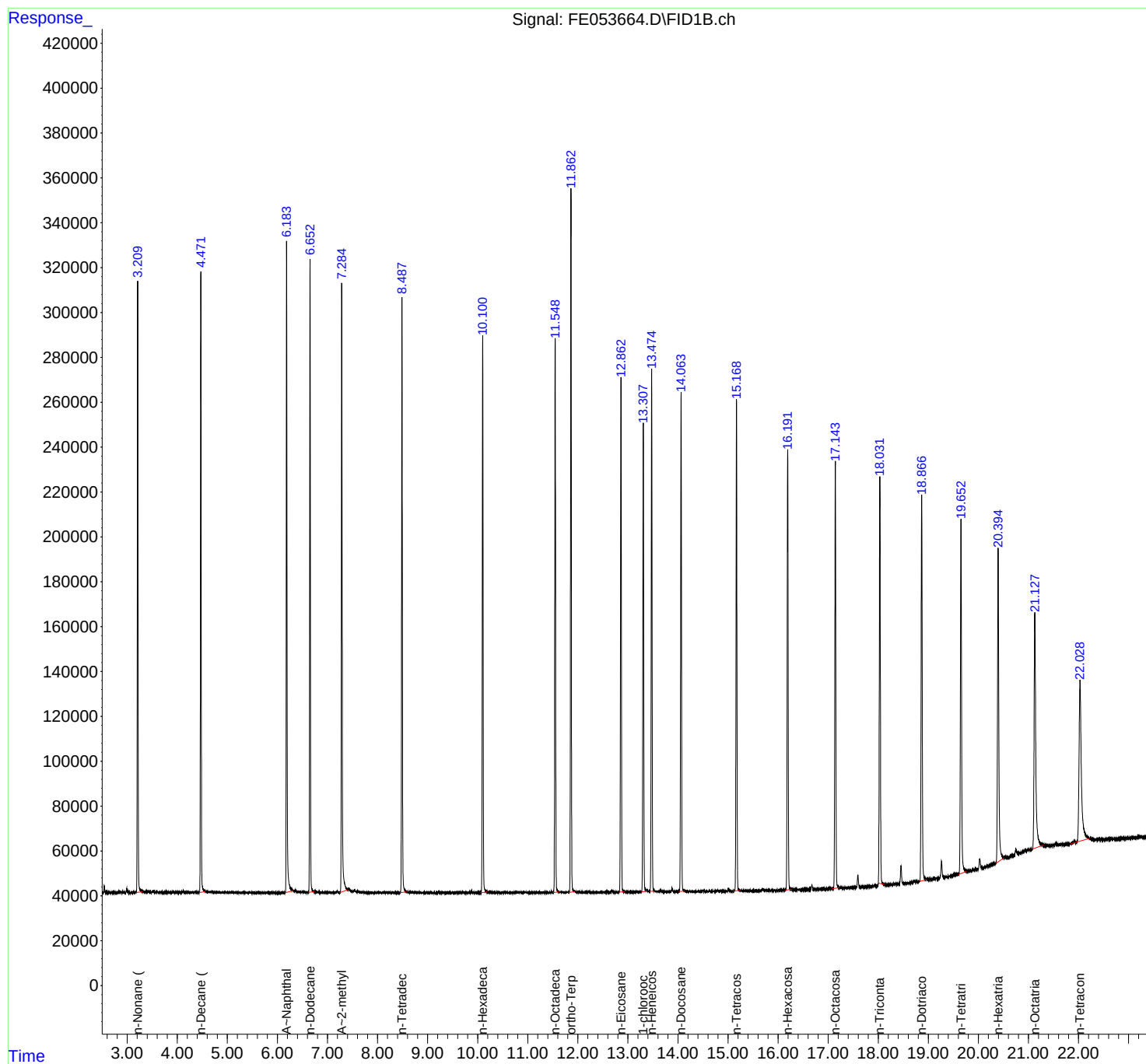
(m)=manual int.

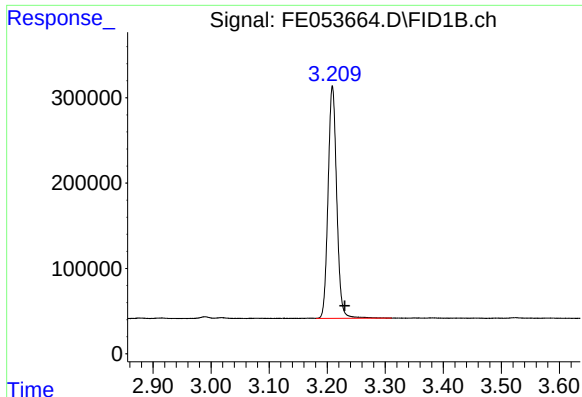
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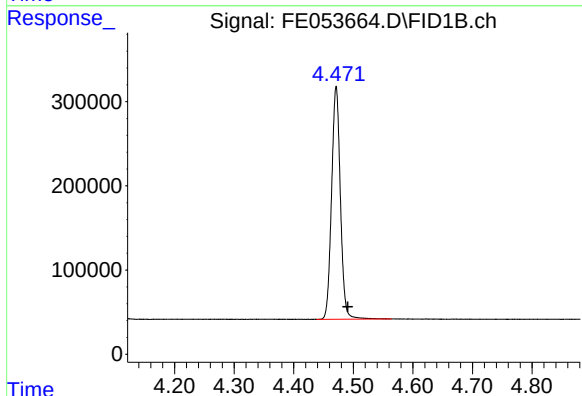




#1 n-Nonane (C9)

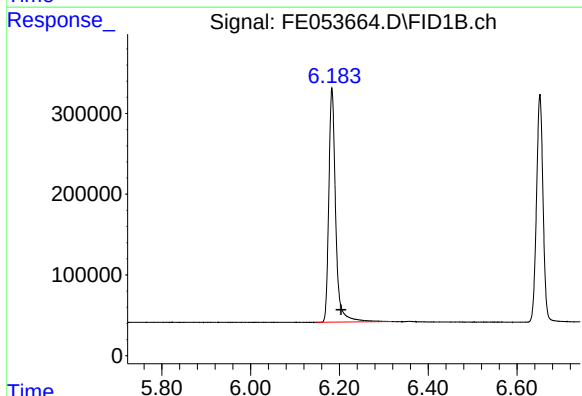
R.T.: 3.209 min
Delta R.T.: -0.021 min
Response: 2811000
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



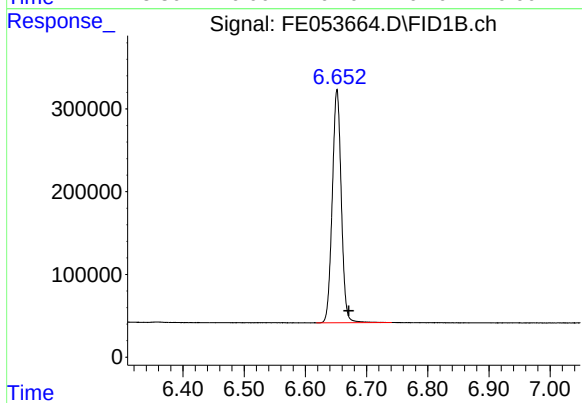
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.019 min
Response: 2837913
Conc: 20.51 ug/ml



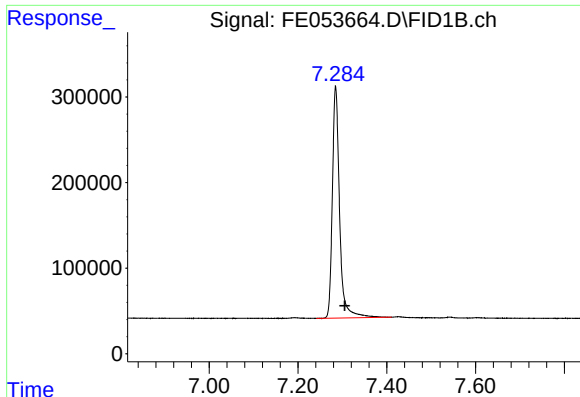
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.020 min
Response: 3110618
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

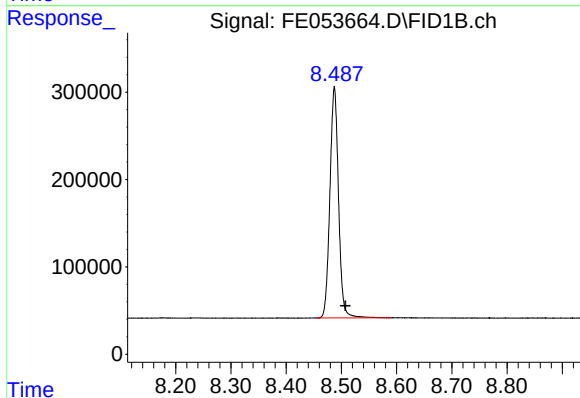
R.T.: 6.652 min
Delta R.T.: -0.019 min
Response: 2882582
Conc: 20.55 ug/ml



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

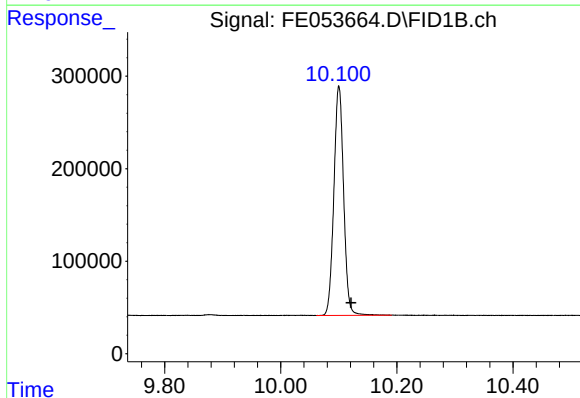
R.T.: 7.285 min
Delta R.T.: -0.021 min
Response: 3060545
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



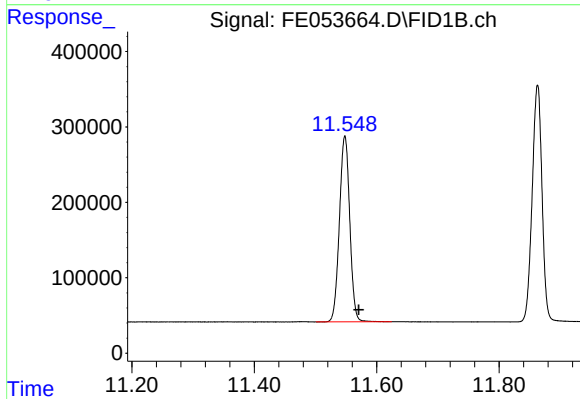
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.020 min
Response: 2869209
Conc: 20.45 ug/ml



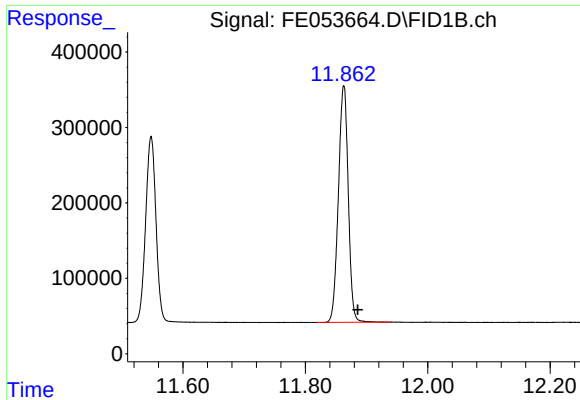
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.021 min
Response: 2887094
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

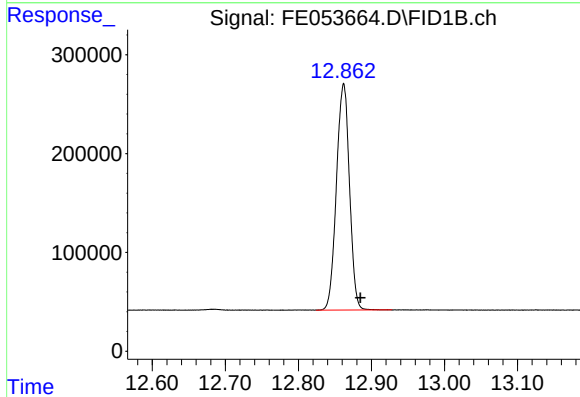
R.T.: 11.548 min
Delta R.T.: -0.023 min
Response: 2891281
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

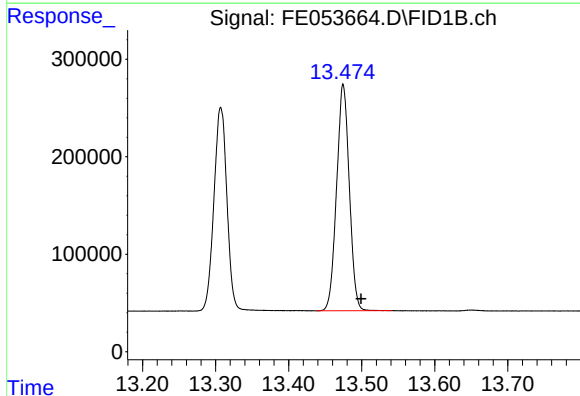
R.T.: 11.863 min
Delta R.T.: -0.023 min
Response: 3512441
Conc: 19.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



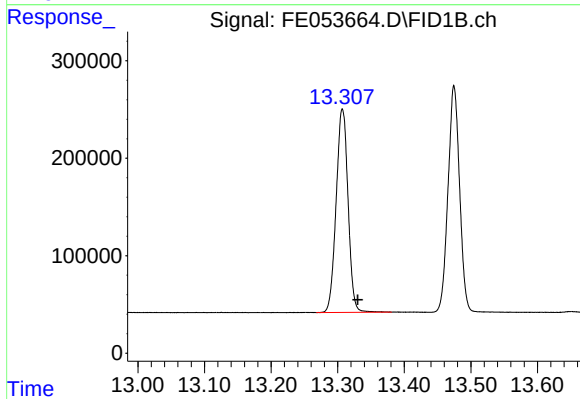
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.023 min
Response: 2840173
Conc: 19.52 ug/ml



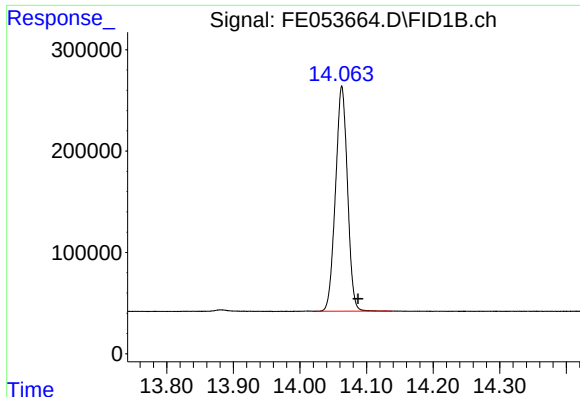
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.024 min
Response: 2809713
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

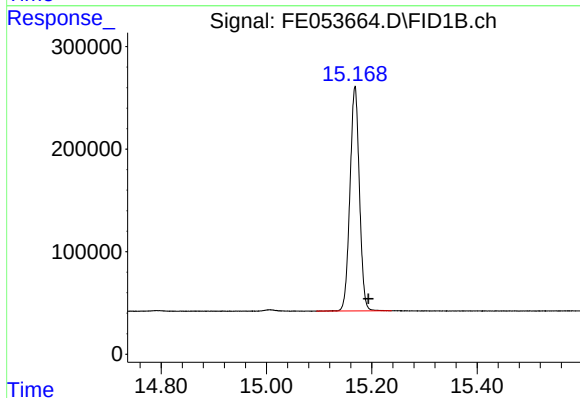
R.T.: 13.307 min
Delta R.T.: -0.023 min
Response: 2588885
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

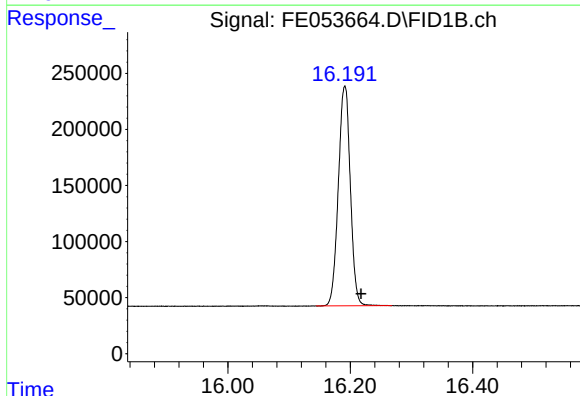
R.T.: 14.063 min
Delta R.T.: -0.024 min
Response: 2776387
Conc: 19.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



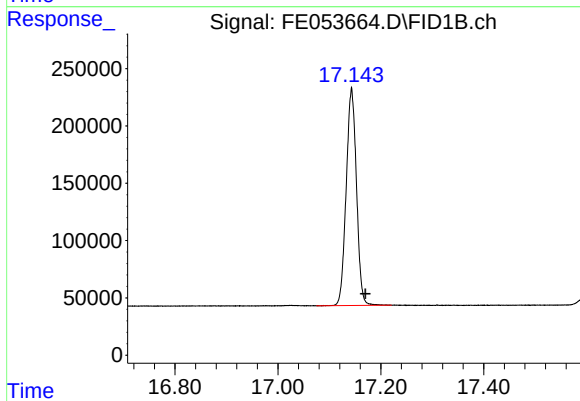
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.026 min
Response: 2725544
Conc: 18.97 ug/ml



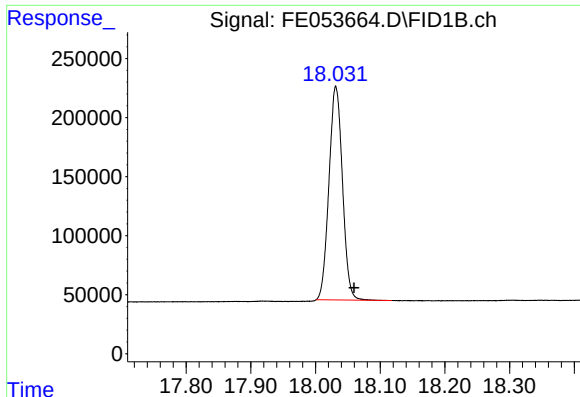
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.027 min
Response: 2665799
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

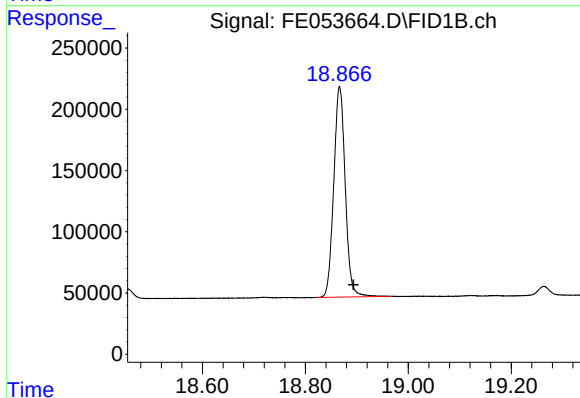
R.T.: 17.143 min
Delta R.T.: -0.027 min
Response: 2628129
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

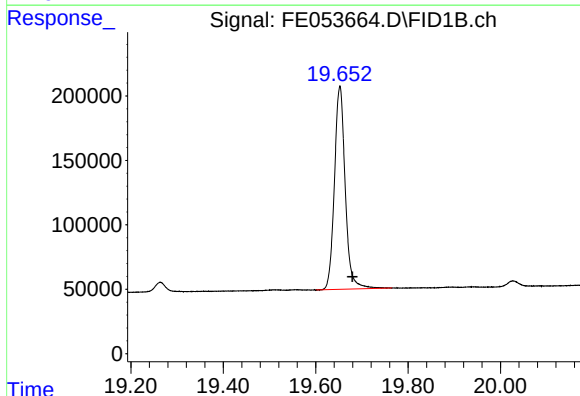
R.T.: 18.032 min
Delta R.T.: -0.028 min
Response: 2622678
Conc: 18.84 ug/ml

Instrument :
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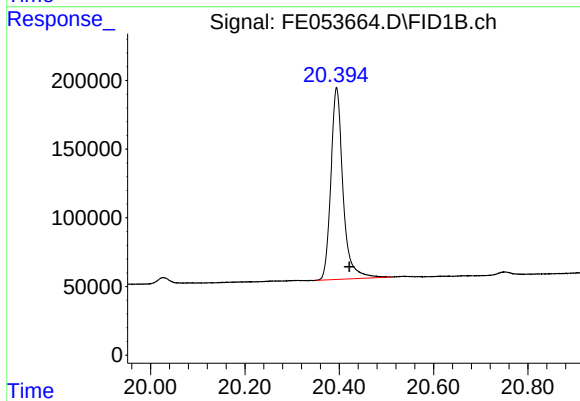
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.027 min
Response: 2665979
Conc: 19.42 ug/ml



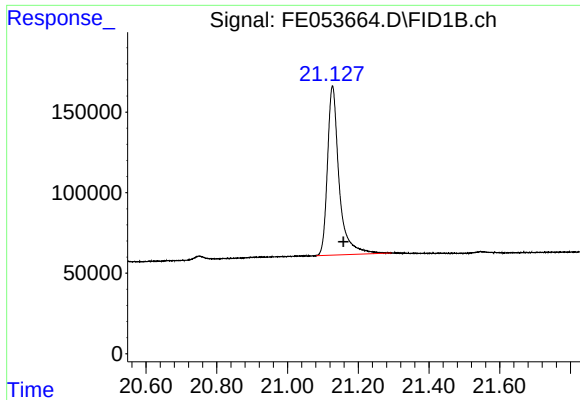
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.027 min
Response: 2556841
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

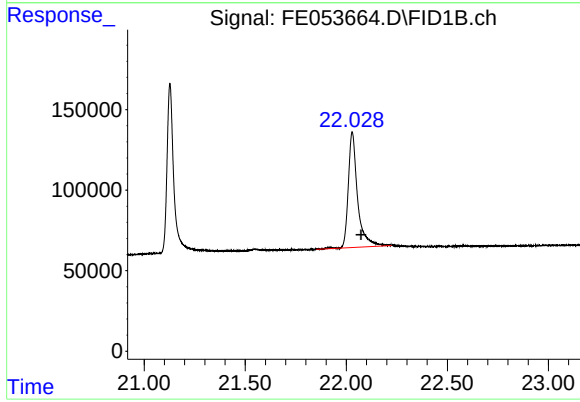
R.T.: 20.394 min
Delta R.T.: -0.027 min
Response: 2492172
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.031 min
Response: 2398166
Conc: 19.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.044 min
Response: 2286819
Conc: 19.15 ug/ml