

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072423AL\
 Data File : FE043479.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2023 13:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 25 01:46:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.884	3413585	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	13.321	2490964	18.958 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.265	2849020	18.660 ug/ml
2) T n-Decane (C10)	4.517	2942106	18.872 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3016880	18.748 ug/ml
4) T n-Dodecane (C12)	6.688	2974574	18.877 ug/ml
5) T A~2-methylnaphthalene...	7.325	2852417	18.798 ug/ml
6) T n-Tetradecane (C14)	8.516	2962701	18.731 ug/ml
7) T n-Hexadecane (C16)	10.123	3054262	18.873 ug/ml
8) T n-Octadecane (C18)	11.565	3088610	18.947 ug/ml
10) T n-Eicosane (C20)	12.875	2954000	19.013 ug/ml
11) T n-Heneicosane (C21)	13.486	2892822	19.094 ug/ml
13) T n-Docosane (C22)	14.073	2843461	19.026 ug/ml
14) T n-Tetracosane (C24)	15.175	2796330	19.041 ug/ml
15) T n-Hexacosane (C26)	16.196	2730132	19.168 ug/ml
16) T n-Octacosane (C28)	17.145	2700018	19.189 ug/ml
17) T n-Tricontane (C30)	18.033	2852176	19.361 ug/ml
18) T n-Dotriacontane (C32)	18.864	2886471	19.480 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2795425	19.369 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2664522	18.129 ug/ml
21) T n-Octatriacontane (C38)	21.123	2618449	18.356 ug/ml
22) T n-Tetracontane (C40)	22.028	2632527	17.838 ug/ml

(f)=RT Delta > 1/2 Window

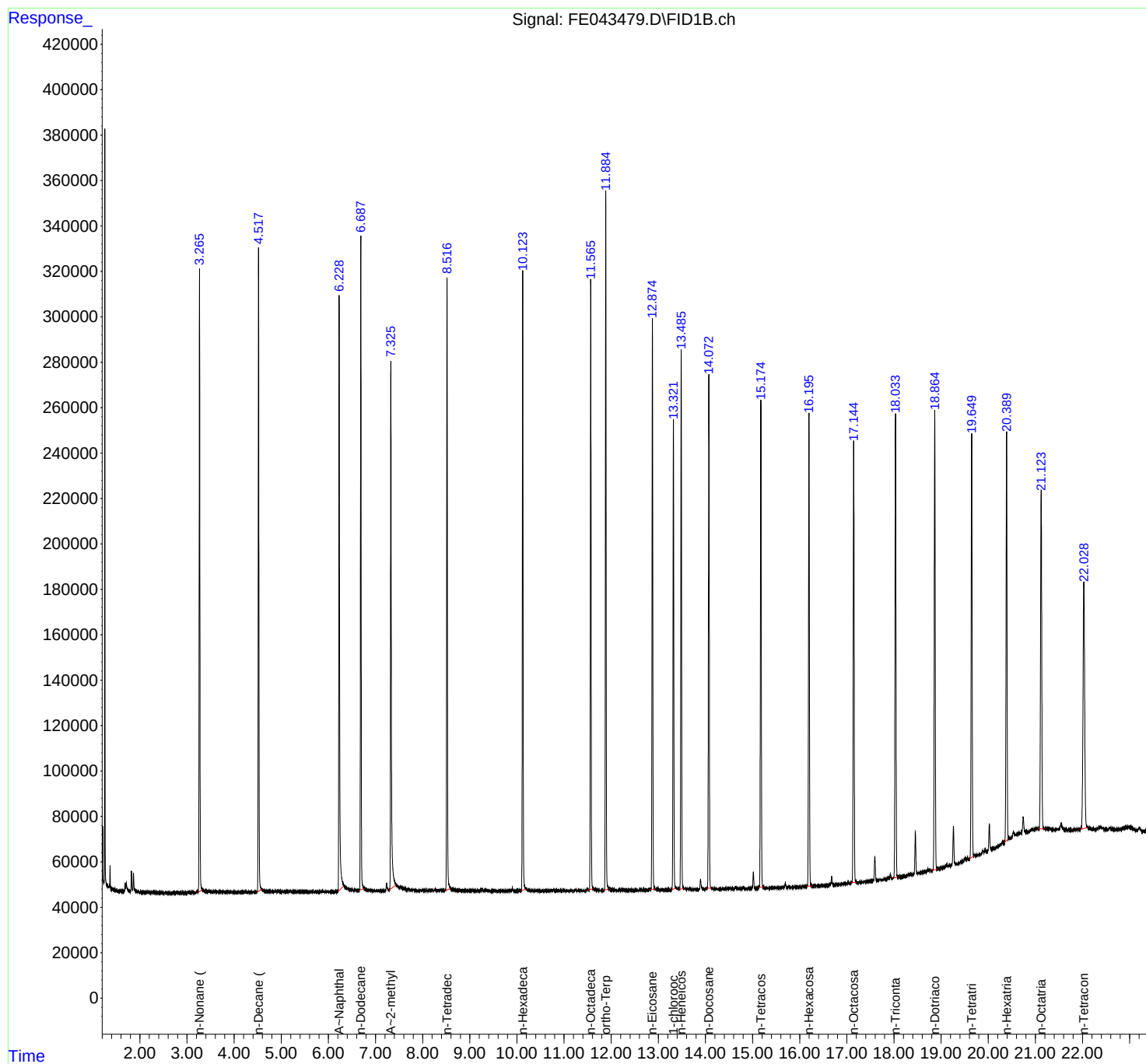
(m)=manual int.

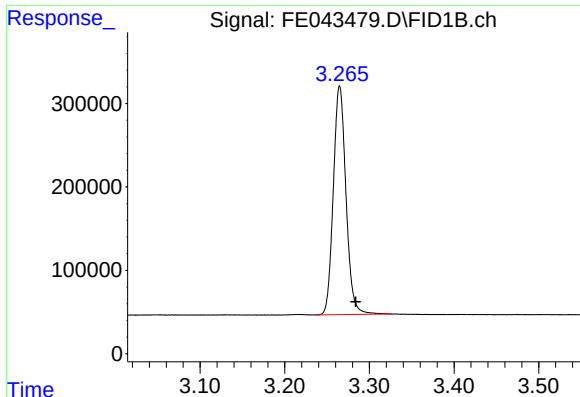
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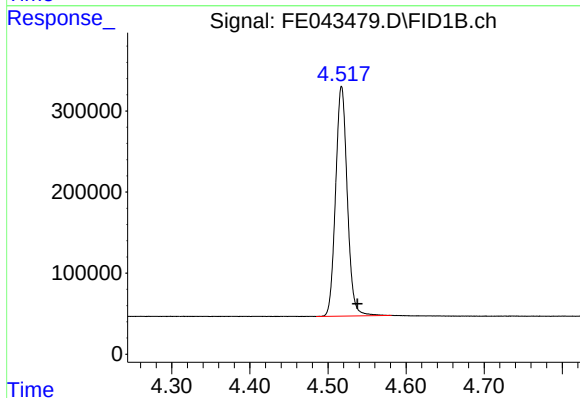




#1 n-Nonane (C9)

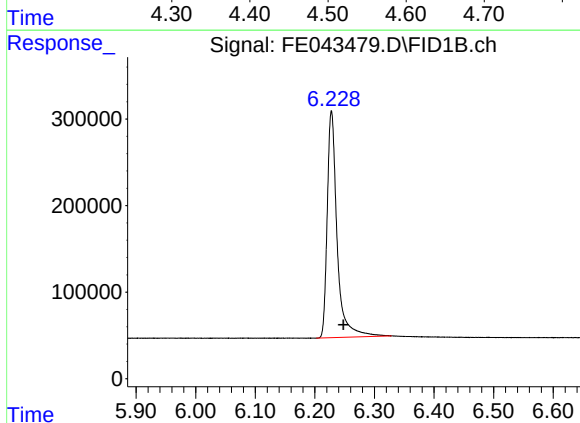
R.T.: 3.265 min
Delta R.T.: -0.019 min
Response: 2849020
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



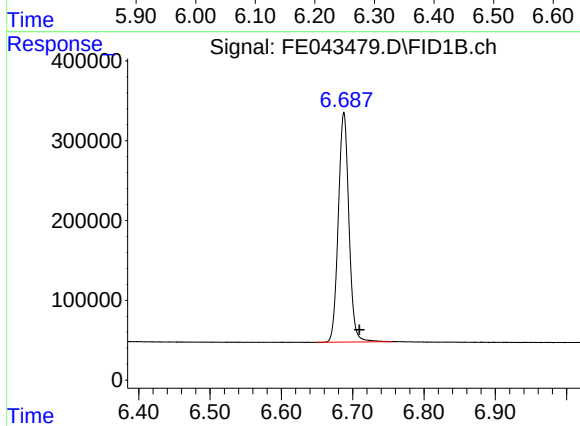
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.021 min
Response: 2942106
Conc: 18.87 ug/ml



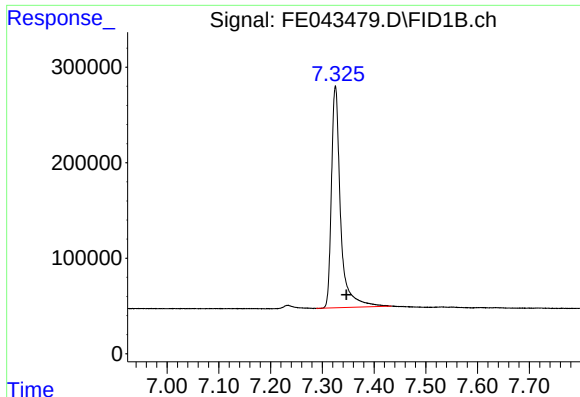
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 3016880
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

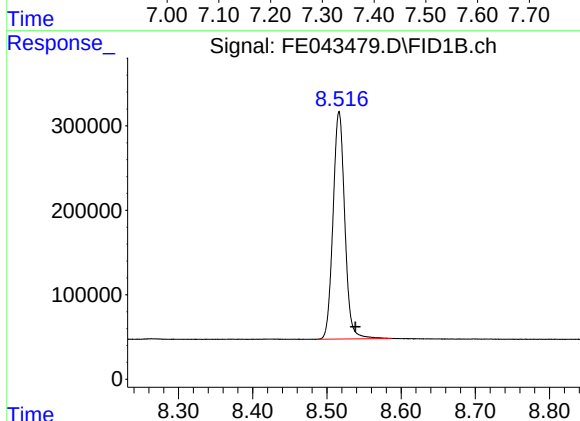
R.T.: 6.688 min
Delta R.T.: -0.022 min
Response: 2974574
Conc: 18.88 ug/ml



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

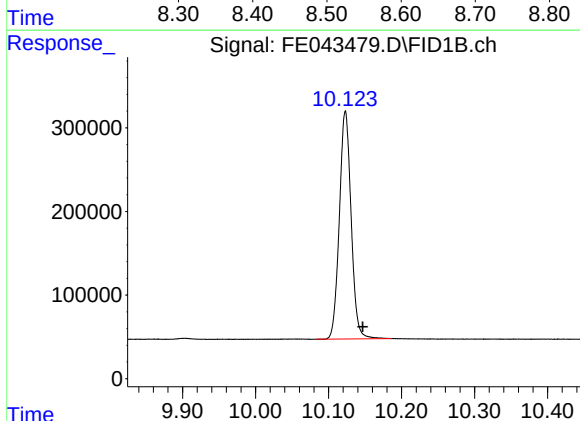
R.T.: 7.325 min
Delta R.T.: -0.021 min
Response: 2852417
Conc: 18.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



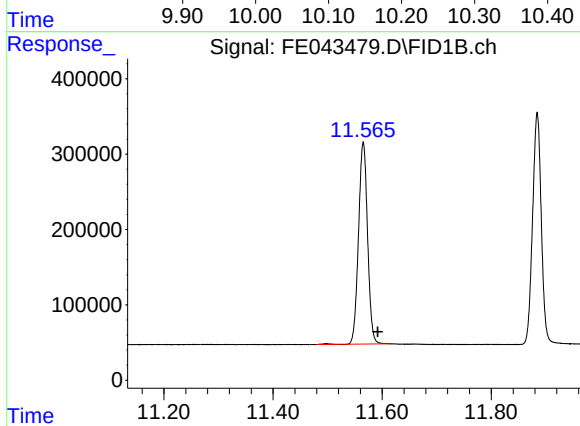
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.022 min
Response: 2962701
Conc: 18.73 ug/ml



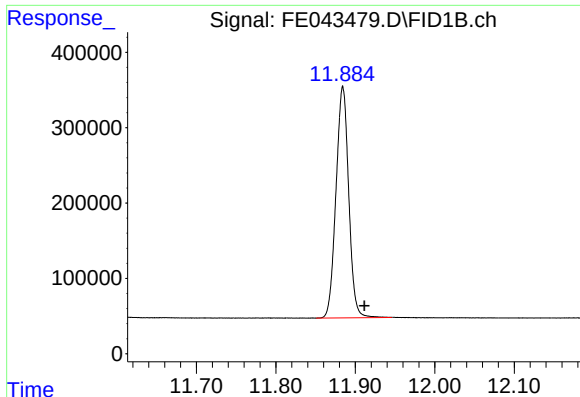
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.024 min
Response: 3054262
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

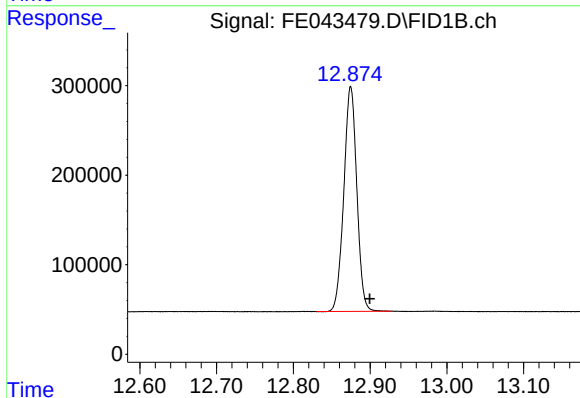
R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 3088610
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

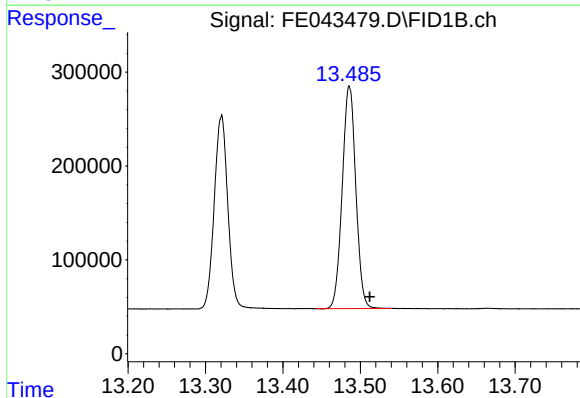
R.T.: 11.884 min
Delta R.T.: -0.027 min
Response: 3413585
Conc: 19.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



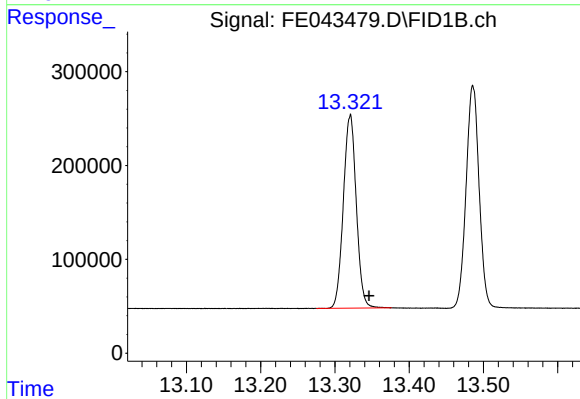
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.025 min
Response: 2954000
Conc: 19.01 ug/ml



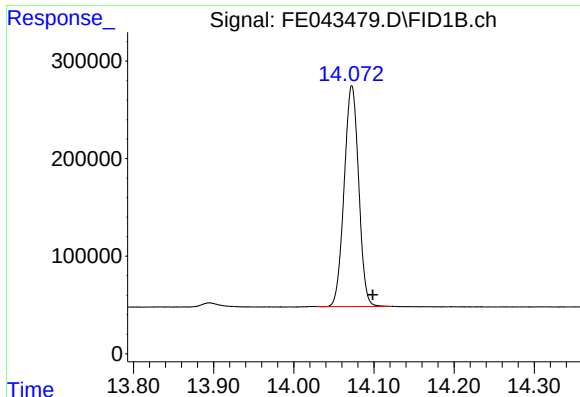
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.026 min
Response: 2892822
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

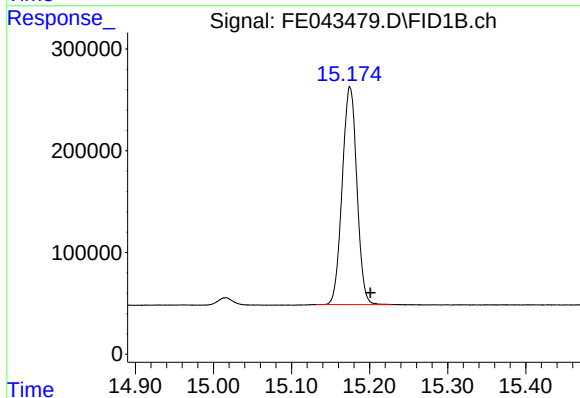
R.T.: 13.321 min
Delta R.T.: -0.025 min
Response: 2490964
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

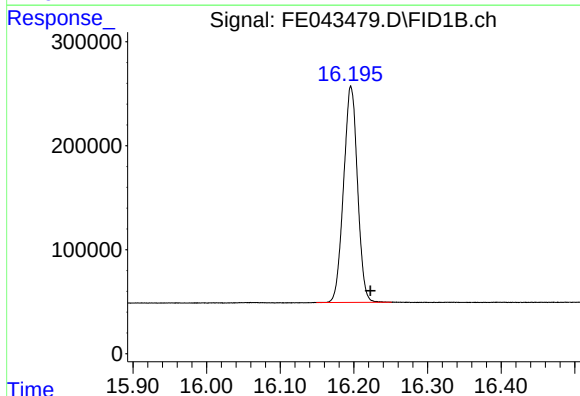
R.T.: 14.073 min
Delta R.T.: -0.026 min
Response: 2843461
Conc: 19.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



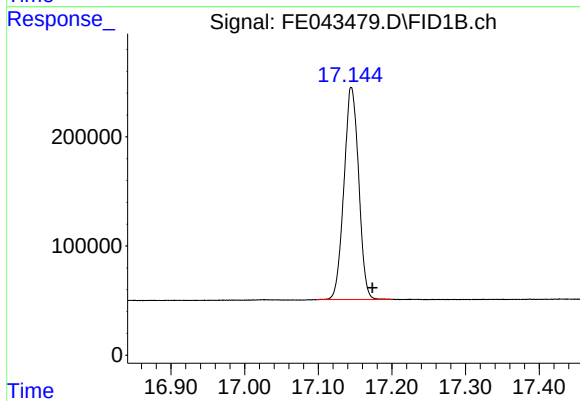
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.026 min
Response: 2796330
Conc: 19.04 ug/ml



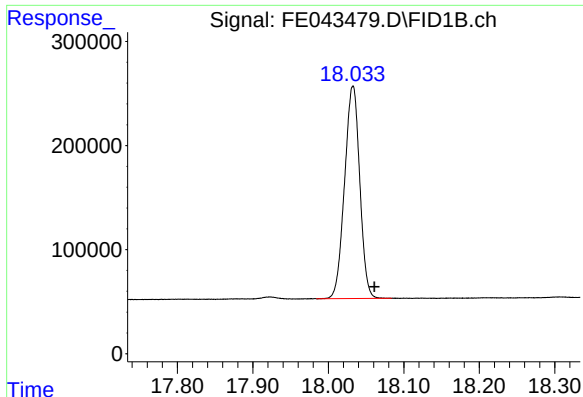
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.027 min
Response: 2730132
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

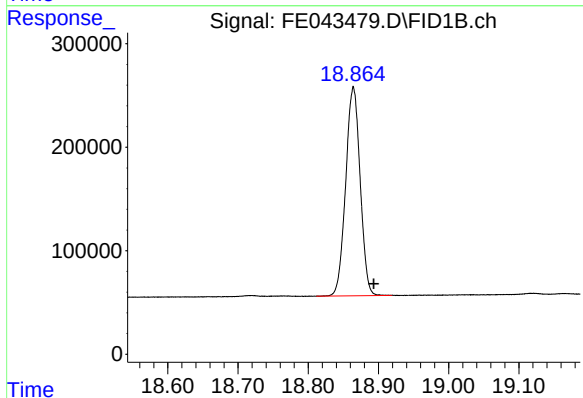
R.T.: 17.145 min
Delta R.T.: -0.029 min
Response: 2700018
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

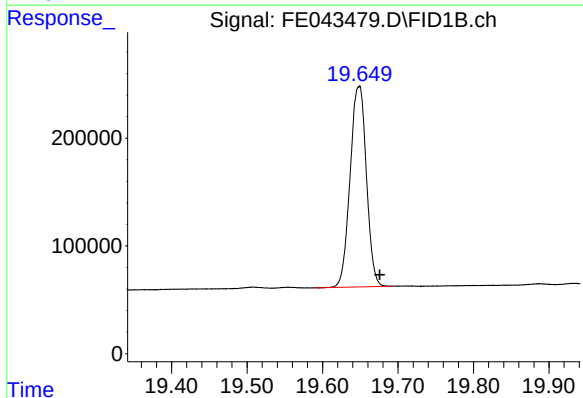
R.T.: 18.033 min
Delta R.T.: -0.028 min
Response: 2852176
Conc: 19.36 ug/ml

Instrument :
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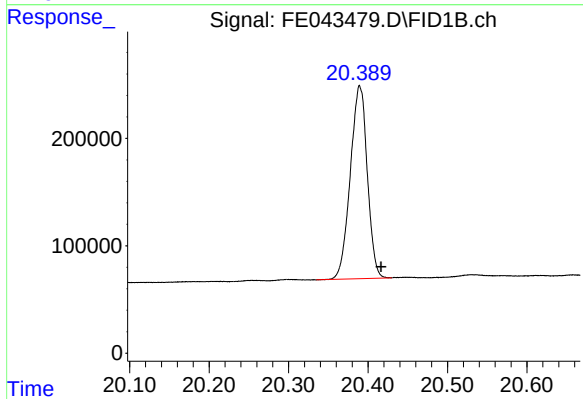
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.029 min
Response: 2886471
Conc: 19.48 ug/ml



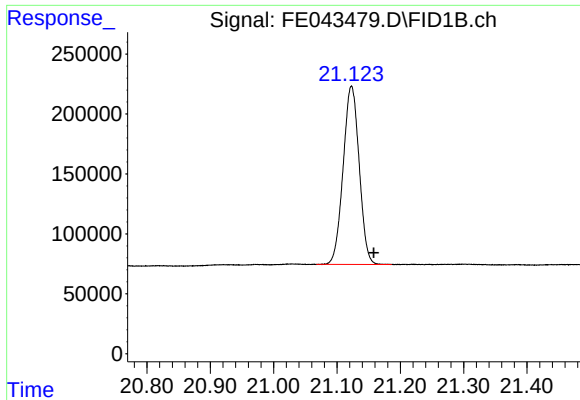
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.027 min
Response: 2795425
Conc: 19.37 ug/ml



#20 n-Hexatriacontane (C36)

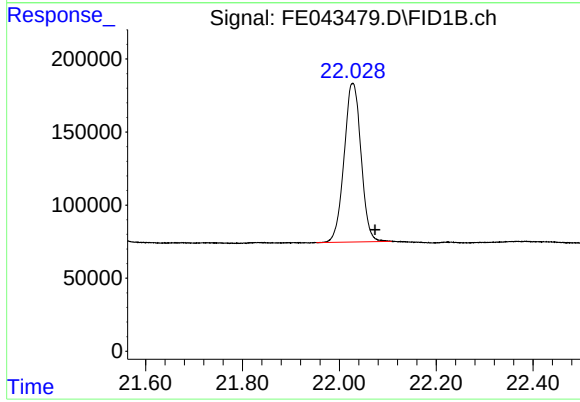
R.T.: 20.390 min
Delta R.T.: -0.027 min
Response: 2664522
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.035 min
Response: 2618449
Conc: 18.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: -0.046 min
Response: 2632527
Conc: 17.84 ug/ml