

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071223AL\
 Data File : FE043179.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 14:19
 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: autoint1.e
 Quant Time: Jul 12 15:46:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.902	3706350	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
12) S 1-chlorooctadecane (S...	13.340	2729373	20.055 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T n-Nonane (C9)	3.280	3186452	20.628 ug/ml
2) T n-Decane (C10)	4.533	3277288	20.748 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3447735	20.362 ug/ml
4) T n-Dodecane (C12)	6.703	3301655	20.627 ug/ml
5) T A~2-methylnaphthalene...	7.340	3264480	20.134 ug/ml
6) T n-Tetradecane (C14)	8.532	3291971	20.685 ug/ml
7) T n-Hexadecane (C16)	10.140	3360680	20.405 ug/ml
8) T n-Octadecane (C18)	11.584	3373940	20.298 ug/ml
10) T n-Eicosane (C20)	12.894	3211568	20.239 ug/ml
11) T n-Heneicosane (C21)	13.505	3125383	20.201 ug/ml
13) T n-Docosane (C22)	14.092	3076266	20.195 ug/ml
14) T n-Tetracosane (C24)	15.195	3004291	20.248 ug/ml
15) T n-Hexacosane (C26)	16.216	2905532	20.324 ug/ml
16) T n-Octacosane (C28)	17.167	2828789	20.396 ug/ml
17) T n-Tricontane (C30)	18.055	2895246	20.471 ug/ml
18) T n-Dotriacontane (C32)	18.888	2881141	20.542 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2829764	20.678 ug/mlm
20) T n-Hexatriacontane (C36)	20.410	2722158	20.355 ug/mlm
21) T n-Octatriacontane (C38)	21.151	2734547	20.057 ug/ml
22) T n-Tetracontane (C40)	22.062	2831140	20.349 ug/ml

(f)=RT Delta > 1/2 Window

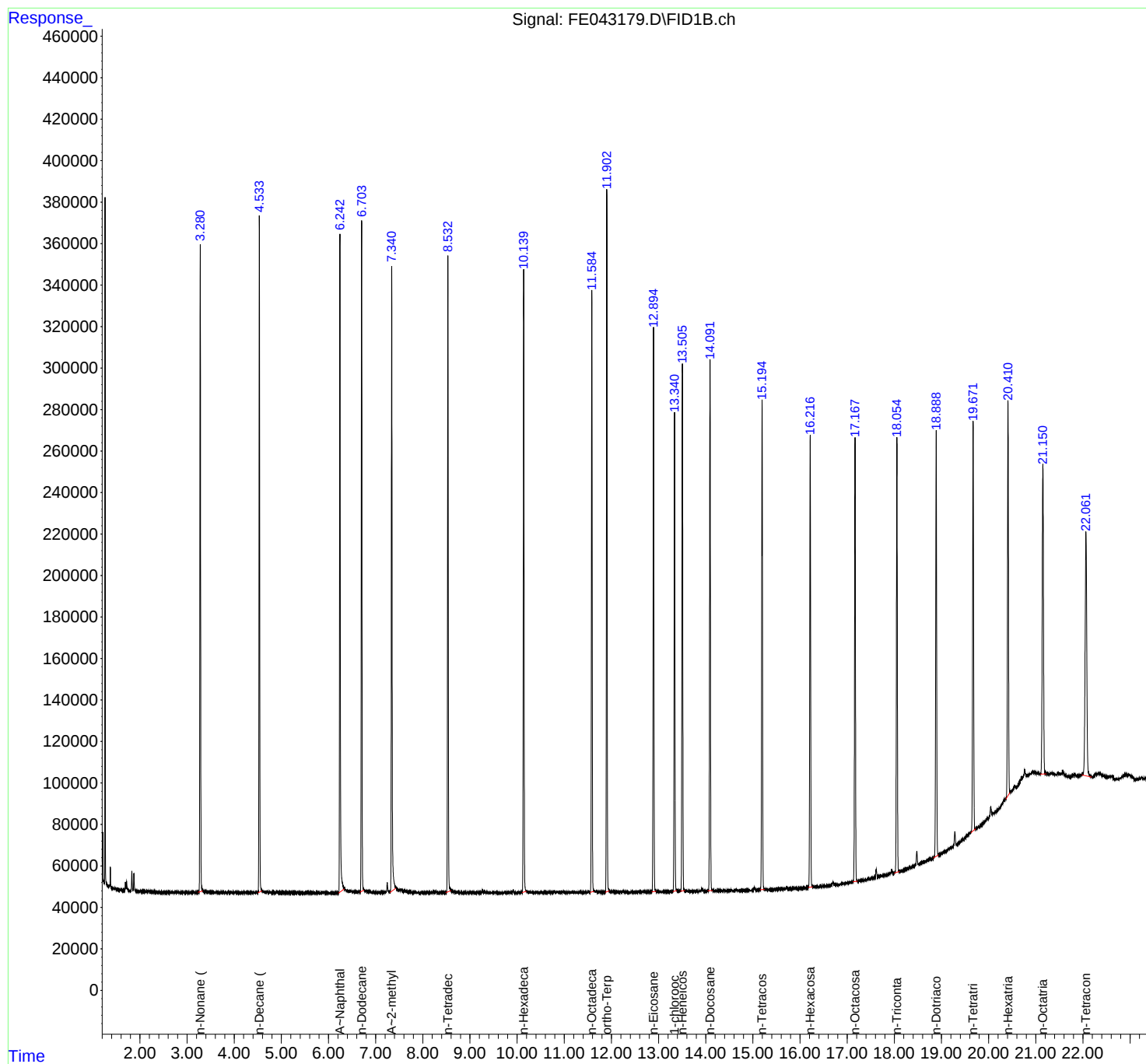
(m)=manual int.

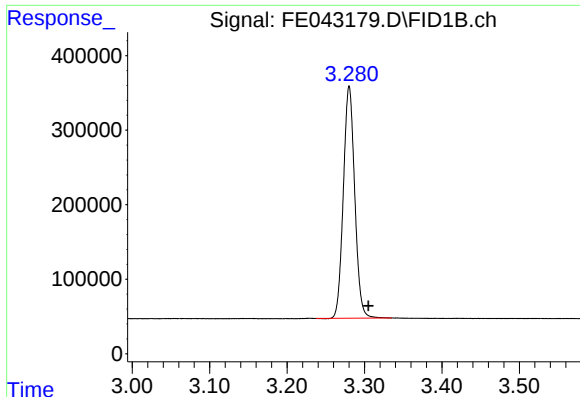
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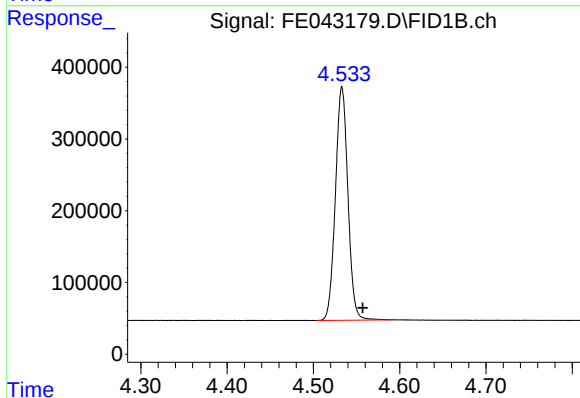




#1 n-Nonane (C9)

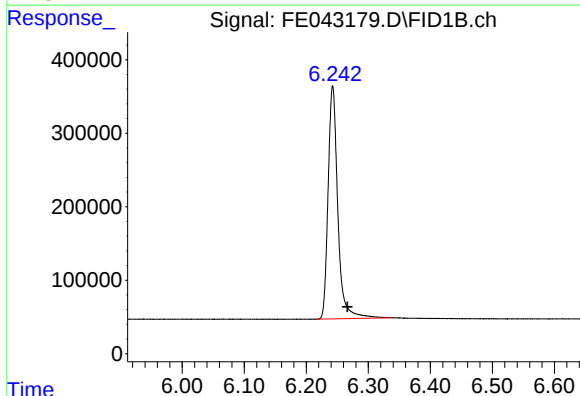
R.T.: 3.280 min
Delta R.T.: -0.025 min
Response: 3186452
Conc: 20.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



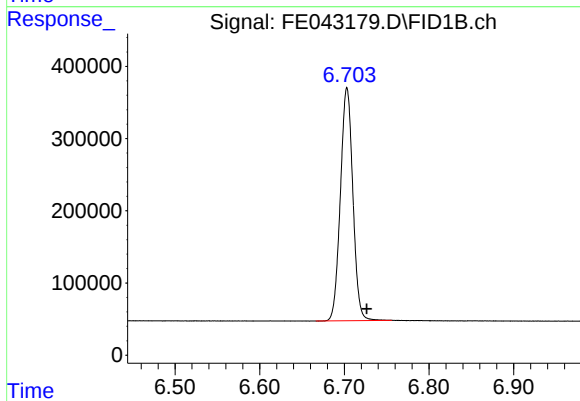
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.024 min
Response: 3277288
Conc: 20.75 ug/ml



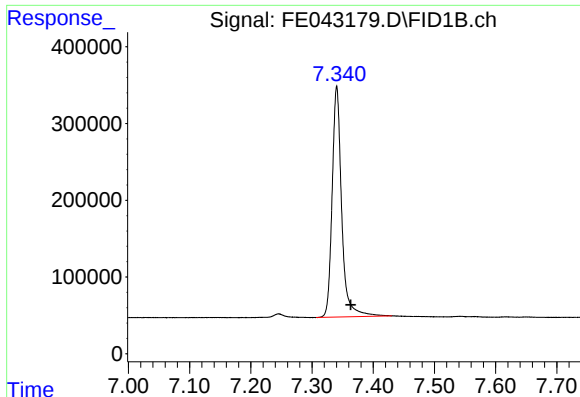
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.024 min
Response: 3447735
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

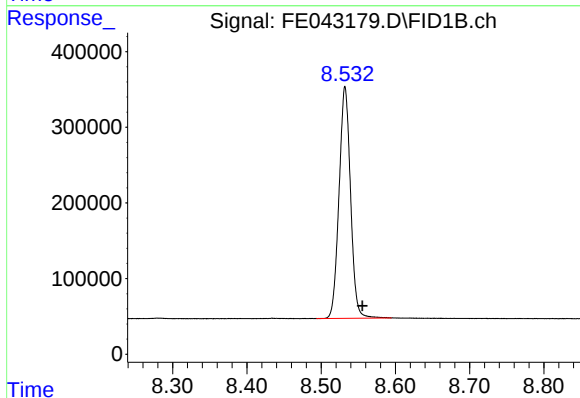
R.T.: 6.703 min
Delta R.T.: -0.023 min
Response: 3301655
Conc: 20.63 ug/ml



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

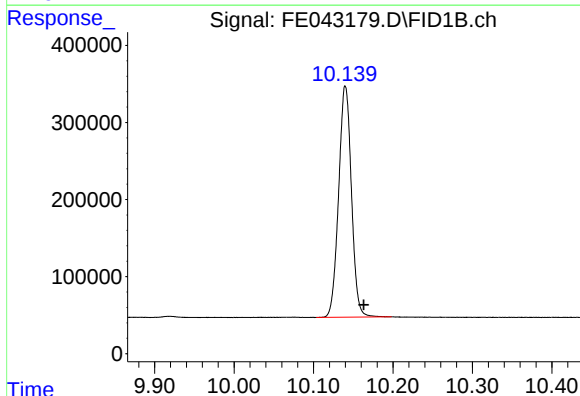
R.T.: 7.340 min
Delta R.T.: -0.023 min
Response: 3264480
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



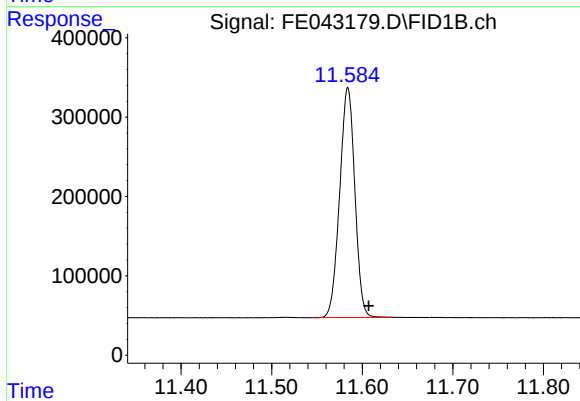
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.023 min
Response: 3291971
Conc: 20.68 ug/ml



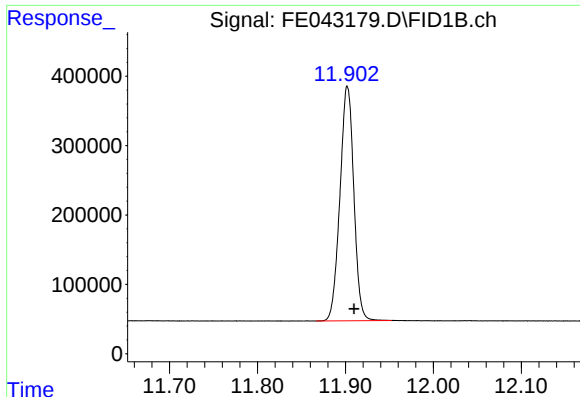
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.023 min
Response: 3360680
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

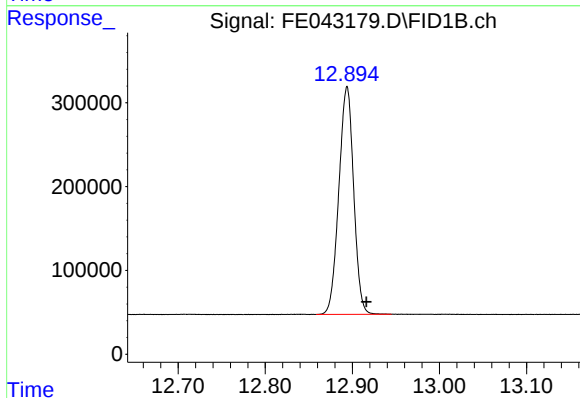
R.T.: 11.584 min
Delta R.T.: -0.023 min
Response: 3373940
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

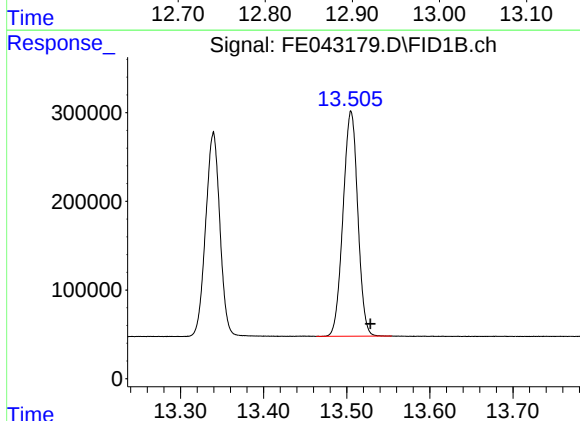
R.T.: 11.902 min
Delta R.T.: -0.008 min
Response: 3706350
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



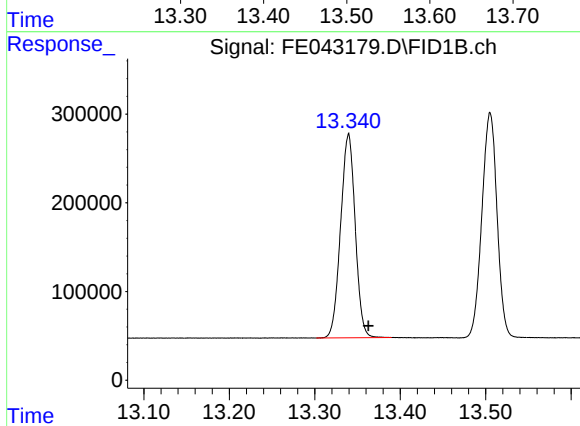
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.022 min
Response: 3211568
Conc: 20.24 ug/ml



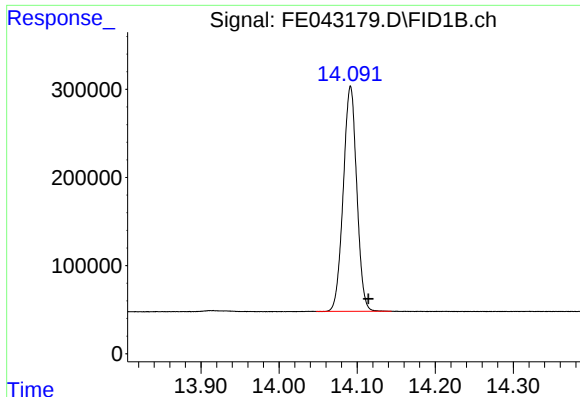
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.023 min
Response: 3125383
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

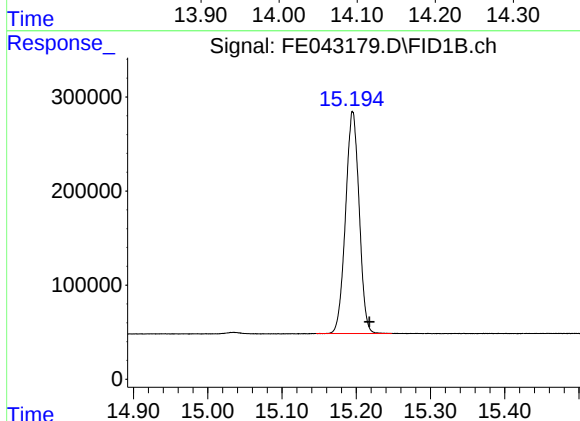
R.T.: 13.340 min
Delta R.T.: -0.023 min
Response: 2729373
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

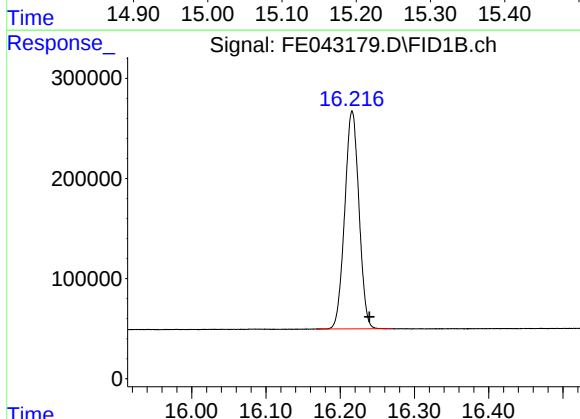
R.T.: 14.092 min
Delta R.T.: -0.023 min
Response: 3076266
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



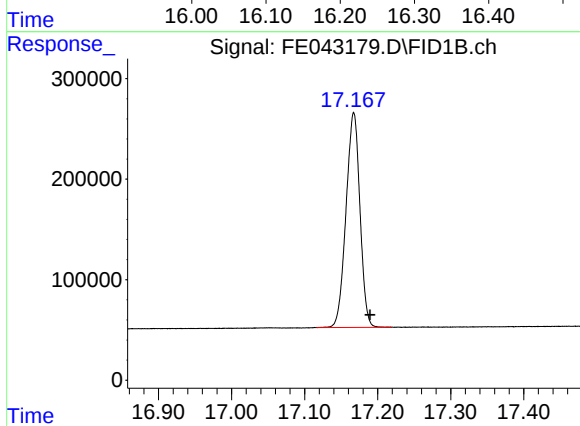
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.023 min
Response: 3004291
Conc: 20.25 ug/ml



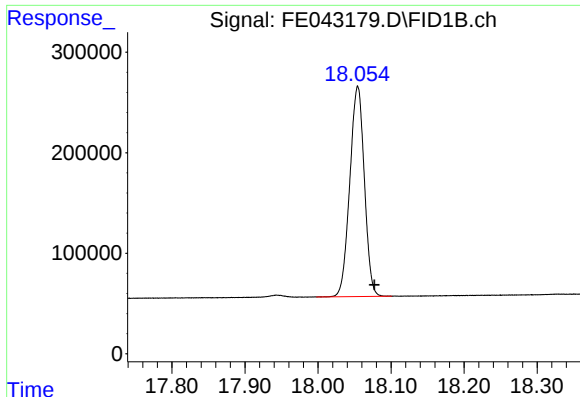
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.023 min
Response: 2905532
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

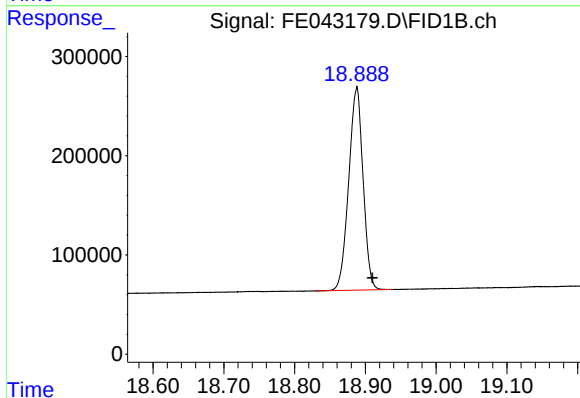
R.T.: 17.167 min
Delta R.T.: -0.022 min
Response: 2828789
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

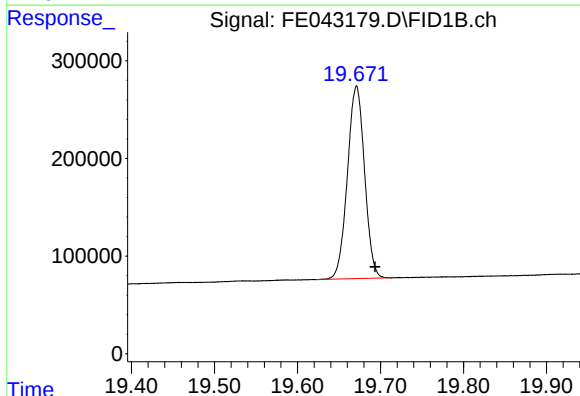
R.T.: 18.055 min
Delta R.T.: -0.023 min
Response: 2895246
Conc: 20.47 ug/ml

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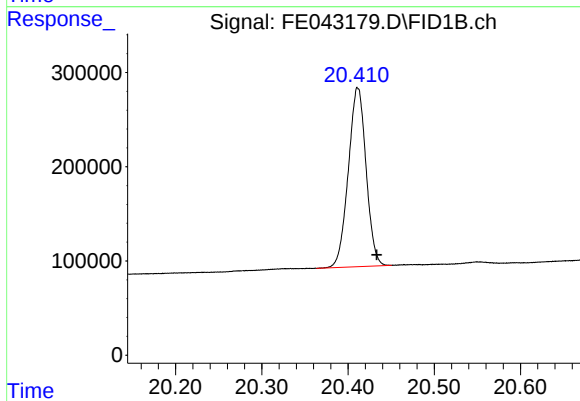
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.022 min
Response: 2881141
Conc: 20.54 ug/ml



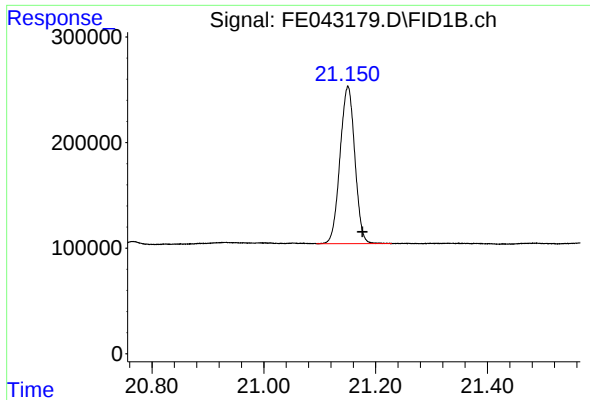
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.023 min
Response: 2829764
Conc: 20.68 ug/ml m



#20 n-Hexatriacontane (C36)

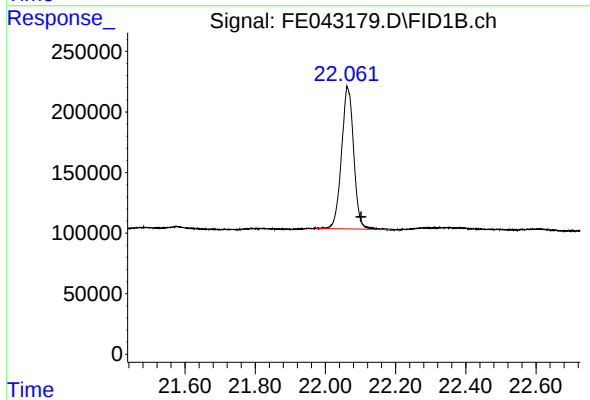
R.T.: 20.410 min
Delta R.T.: -0.023 min
Response: 2722158
Conc: 20.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 2734547
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.039 min
Response: 2831140
Conc: 20.35 ug/ml