

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063023AL\
 Data File : FE043023.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2023 20:41
 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 01 04:15:46 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)	11.907	3376391	18.380 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
12) S 1-chlorooctadecane (S...	13.344	2491951	18.311 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.287	2881189	18.652 ug/ml
2) T n-Decane (C10)	4.539	2956913	18.720 ug/ml
3) T A~Naphthalene (C11.7)	6.248	3162296	18.676 ug/ml
4) T n-Dodecane (C12)	6.709	2991938	18.692 ug/ml
5) T A~2-methylnaphthalene...	7.345	3006113	18.541 ug/ml
6) T n-Tetradecane (C14)	8.538	2991697	18.798 ug/ml
7) T n-Hexadecane (C16)	10.146	3079634	18.699 ug/ml
8) T n-Octadecane (C18)	11.588	3094828	18.619 ug/ml
10) T n-Eicosane (C20)	12.899	2941104	18.535 ug/ml
11) T n-Heneicosane (C21)	13.510	2856987	18.466 ug/ml
13) T n-Docosane (C22)	14.097	2802363	18.397 ug/ml
14) T n-Tetracosane (C24)	15.200	2739155	18.461 ug/ml
15) T n-Hexacosane (C26)	16.221	2655818	18.577 ug/ml
16) T n-Octacosane (C28)	17.170	2646170	19.079 ug/ml
17) T n-Tricontane (C30)	18.058	2817607	19.922 ug/ml
18) T n-Dotriacontane (C32)	18.889	2855847	20.361 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2762957	20.190 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2659674	19.888 ug/ml
21) T n-Octatriacontane (C38)	21.153	2692084	19.745 ug/ml
22) T n-Tetracontane (C40)	22.069	2763100	19.860 ug/ml

(f)=RT Delta > 1/2 Window

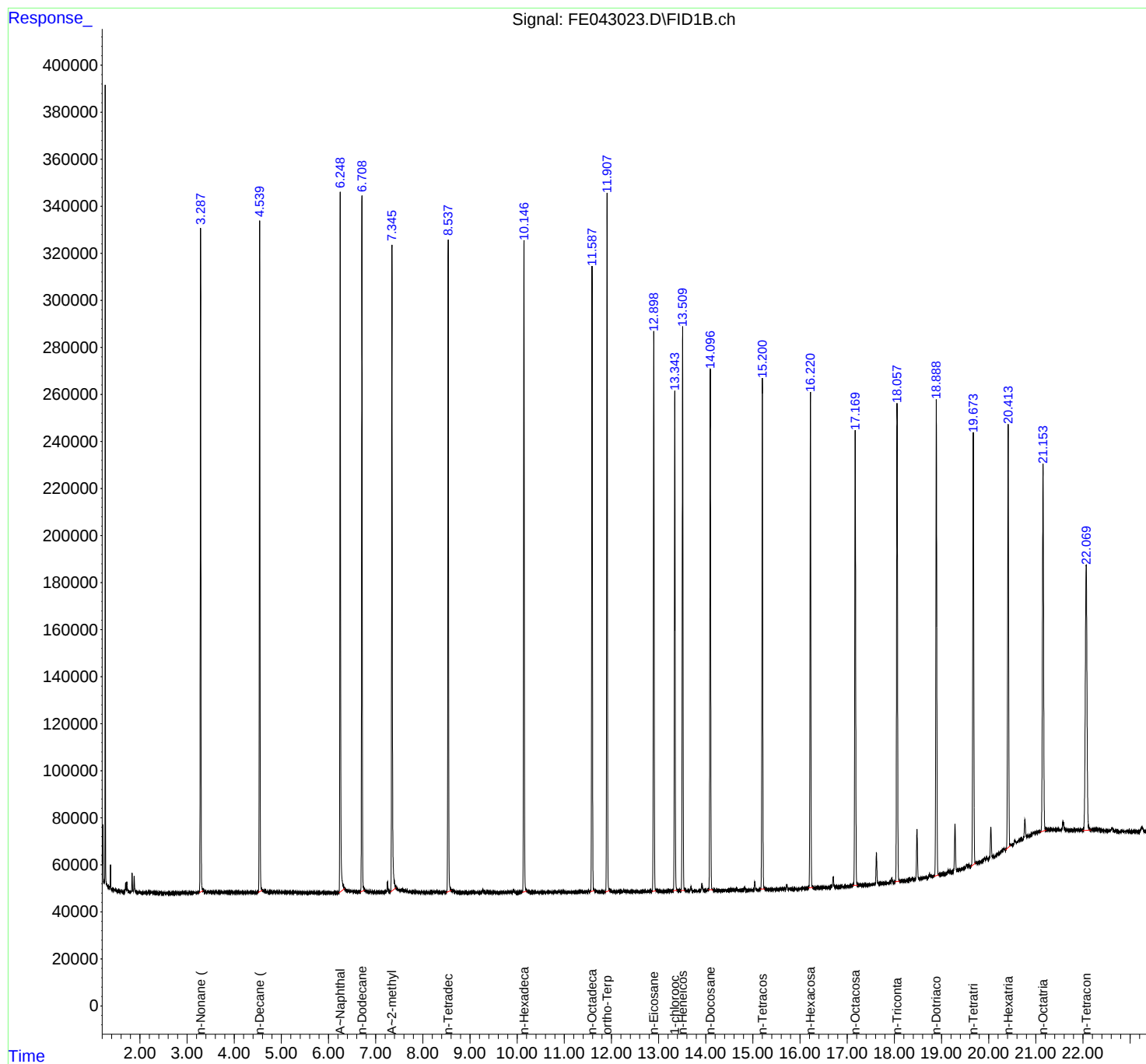
(m)=manual int.

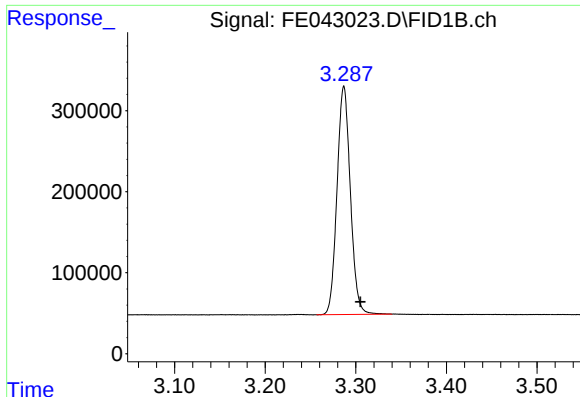
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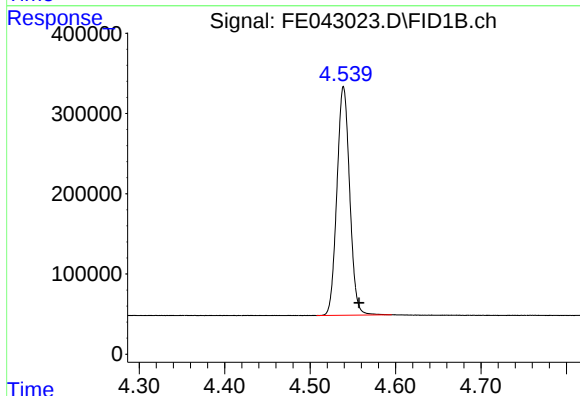




#1 n-Nonane (C9)

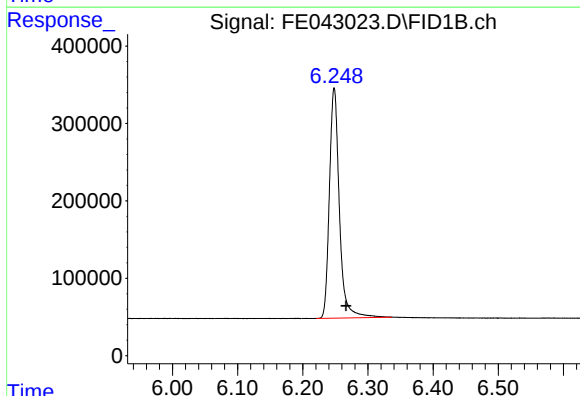
R.T.: 3.287 min
Delta R.T.: -0.018 min
Response: 2881189
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



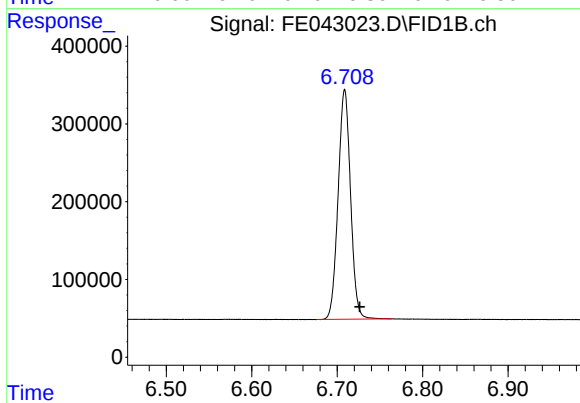
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.018 min
Response: 2956913
Conc: 18.72 ug/ml



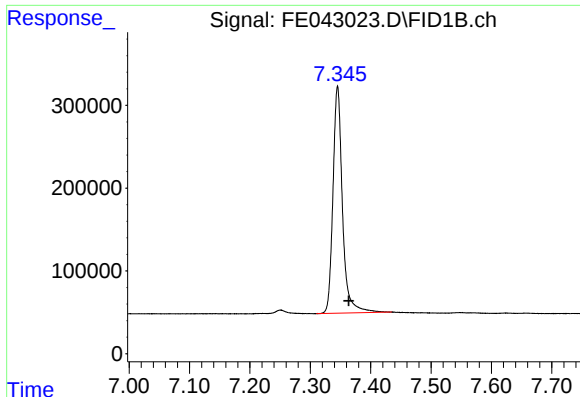
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.018 min
Response: 3162296
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

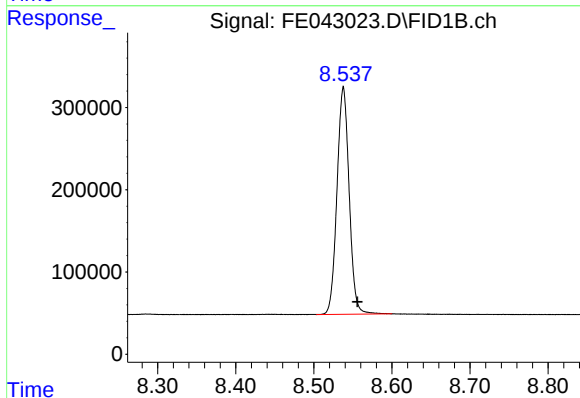
R.T.: 6.709 min
Delta R.T.: -0.017 min
Response: 2991938
Conc: 18.69 ug/ml



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

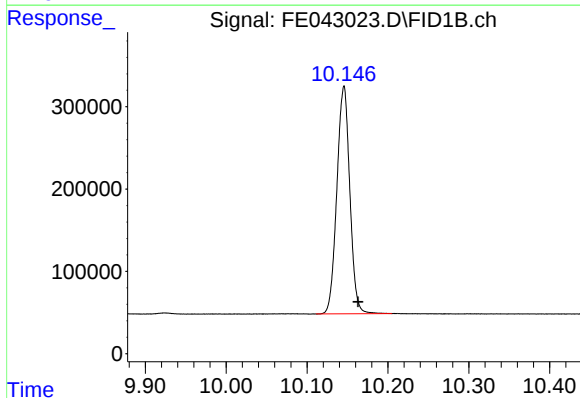
R.T.: 7.345 min
Delta R.T.: -0.018 min
Response: 3006113
Conc: 18.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



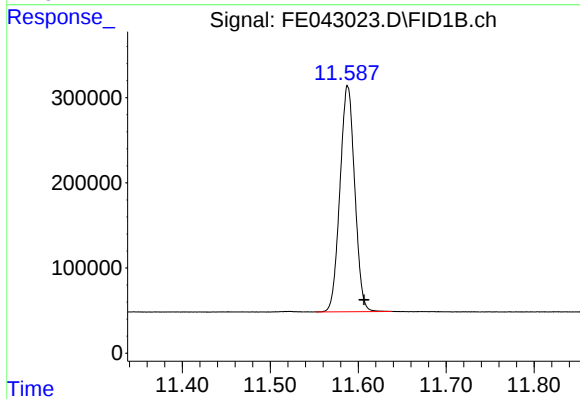
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.018 min
Response: 2991697
Conc: 18.80 ug/ml



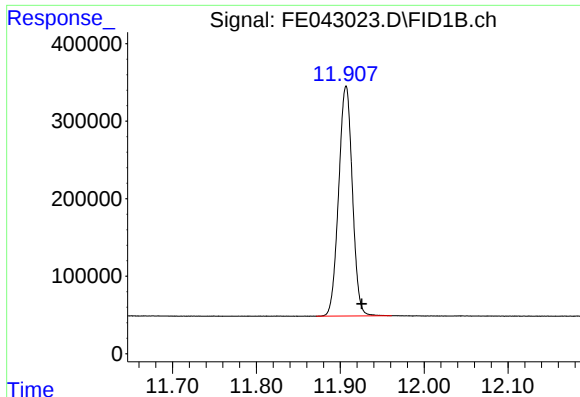
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.017 min
Response: 3079634
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

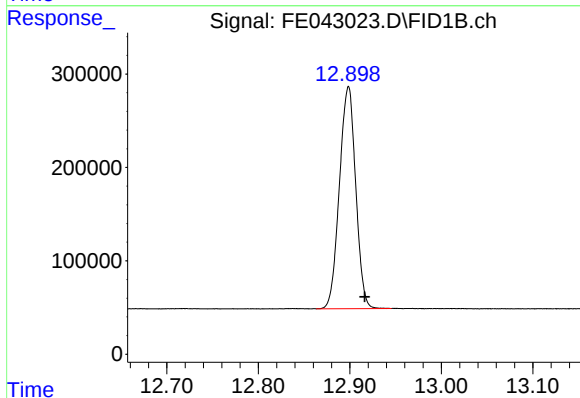
R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 3094828
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

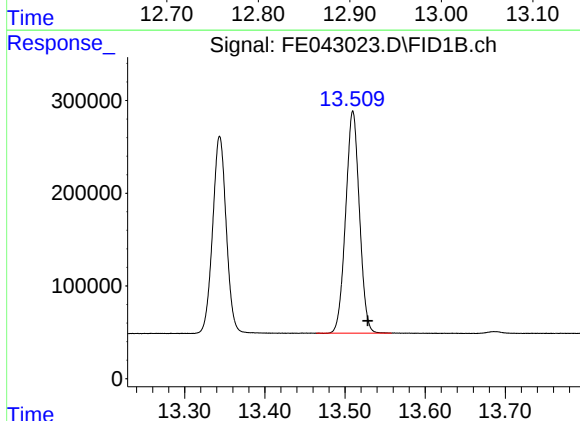
R.T.: 11.907 min
Delta R.T.: -0.019 min
Response: 3376391
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



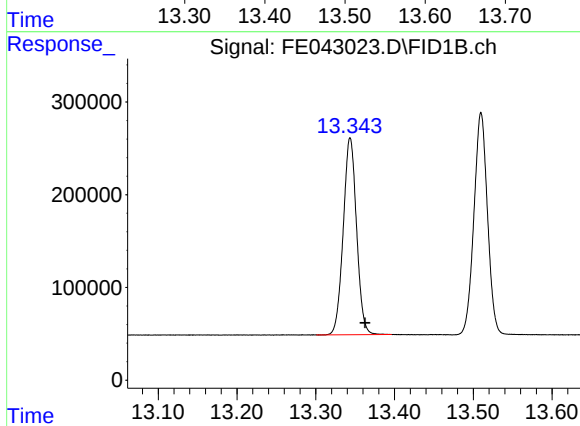
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.018 min
Response: 2941104
Conc: 18.53 ug/ml



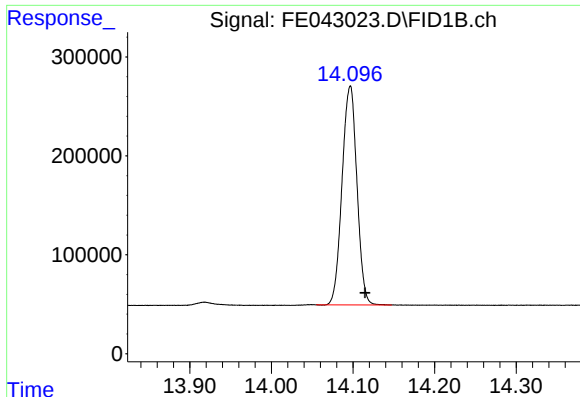
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.019 min
Response: 2856987
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

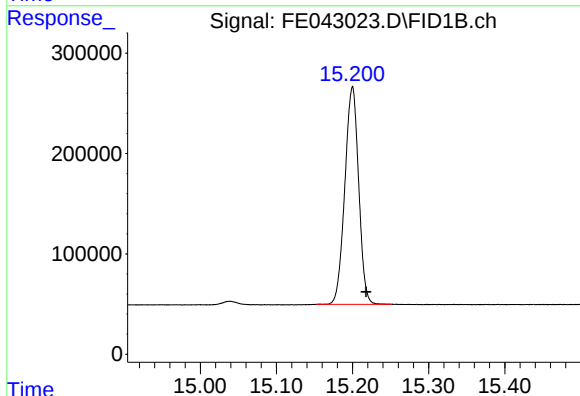
R.T.: 13.344 min
Delta R.T.: -0.019 min
Response: 2491951
Conc: 18.31 ug/ml



#13 n-Docosane (C22)

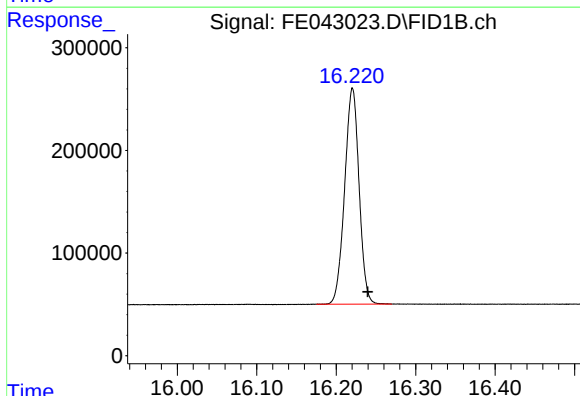
R.T.: 14.097 min
Delta R.T.: -0.018 min
Response: 2802363
Conc: 18.40 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



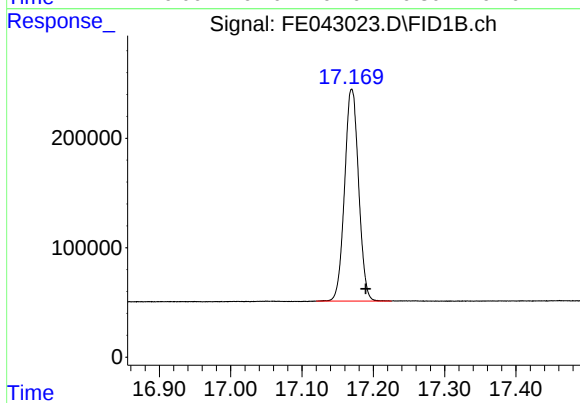
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.018 min
Response: 2739155
Conc: 18.46 ug/ml



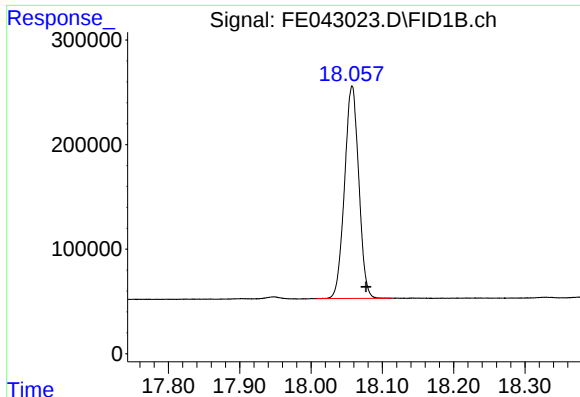
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.019 min
Response: 2655818
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

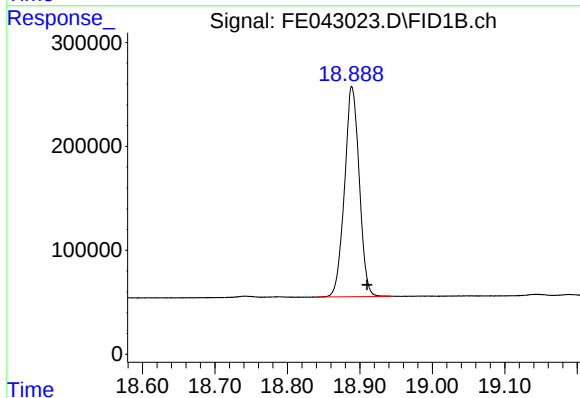
R.T.: 17.170 min
Delta R.T.: -0.020 min
Response: 2646170
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

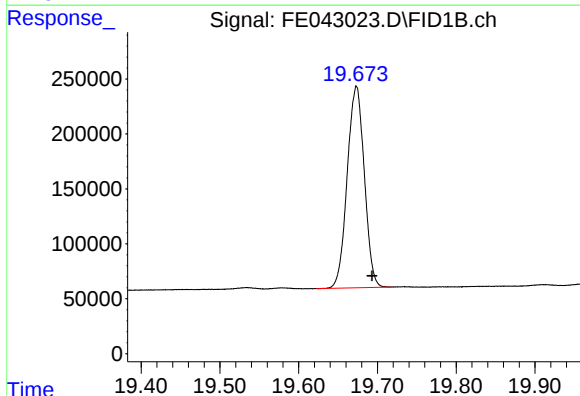
R.T.: 18.058 min
Delta R.T.: -0.020 min
Response: 2817607
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



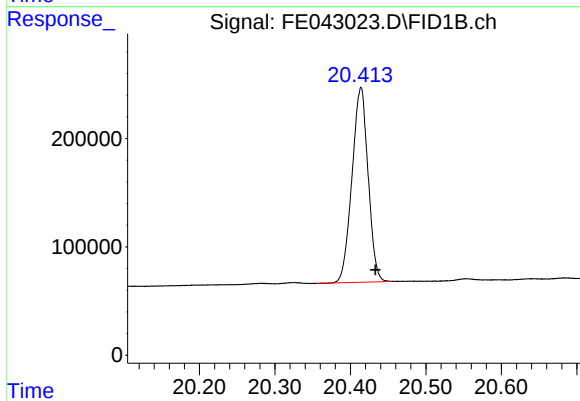
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 2855847
Conc: 20.36 ug/ml



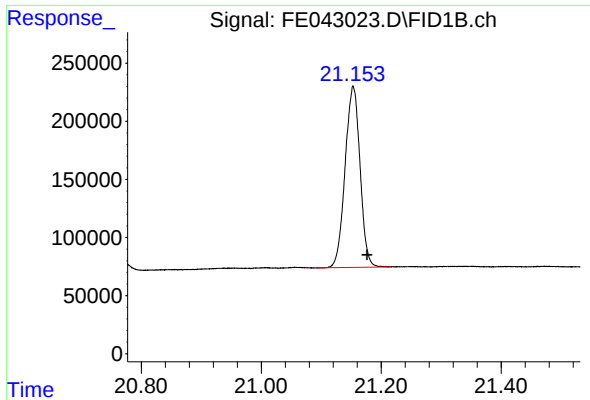
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.020 min
Response: 2762957
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

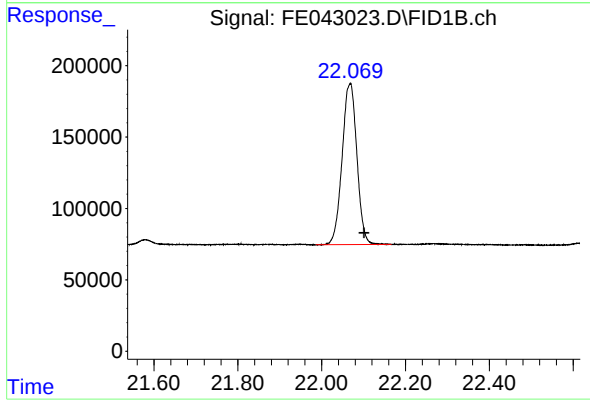
R.T.: 20.414 min
Delta R.T.: -0.019 min
Response: 2659674
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.023 min
Response: 2692084
Conc: 19.75 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: -0.033 min
Response: 2763100
Conc: 19.86 ug/ml