

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
 Data File : FE043498.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2023 10:46
 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 25 12:23:24 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	3593889	20.070 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	13.320	2629635	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.264	2954555	19.351 ug/ml
2) T n-Decane (C10)	4.517	3050881	19.570 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3135011	19.482 ug/ml
4) T n-Dodecane (C12)	6.687	3073472	19.505 ug/ml
5) T A~2-methylnaphthalene...	7.324	2956780	19.486 ug/ml
6) T n-Tetradecane (C14)	8.515	3067859	19.396 ug/ml
7) T n-Hexadecane (C16)	10.122	3174695	19.617 ug/ml
8) T n-Octadecane (C18)	11.565	3224739	19.782 ug/ml
10) T n-Eicosane (C20)	12.875	3107602	20.002 ug/ml
11) T n-Heneicosane (C21)	13.486	3039583	20.063 ug/ml
13) T n-Docosane (C22)	14.071	3008706	20.132 ug/ml
14) T n-Tetracosane (C24)	15.174	2966067	20.197 ug/ml
15) T n-Hexacosane (C26)	16.195	2895975	20.333 ug/ml
16) T n-Octacosane (C28)	17.144	2860509	20.330 ug/ml
17) T n-Tricontane (C30)	18.032	3020586	20.504 ug/ml
18) T n-Dotriacontane (C32)	18.864	3046529	20.560 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2930706	20.307 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2779282	18.910 ug/ml
21) T n-Octatriacontane (C38)	21.122	2730572	19.142 ug/ml
22) T n-Tetracontane (C40)	22.026	2689928	18.227 ug/ml

(f)=RT Delta > 1/2 Window

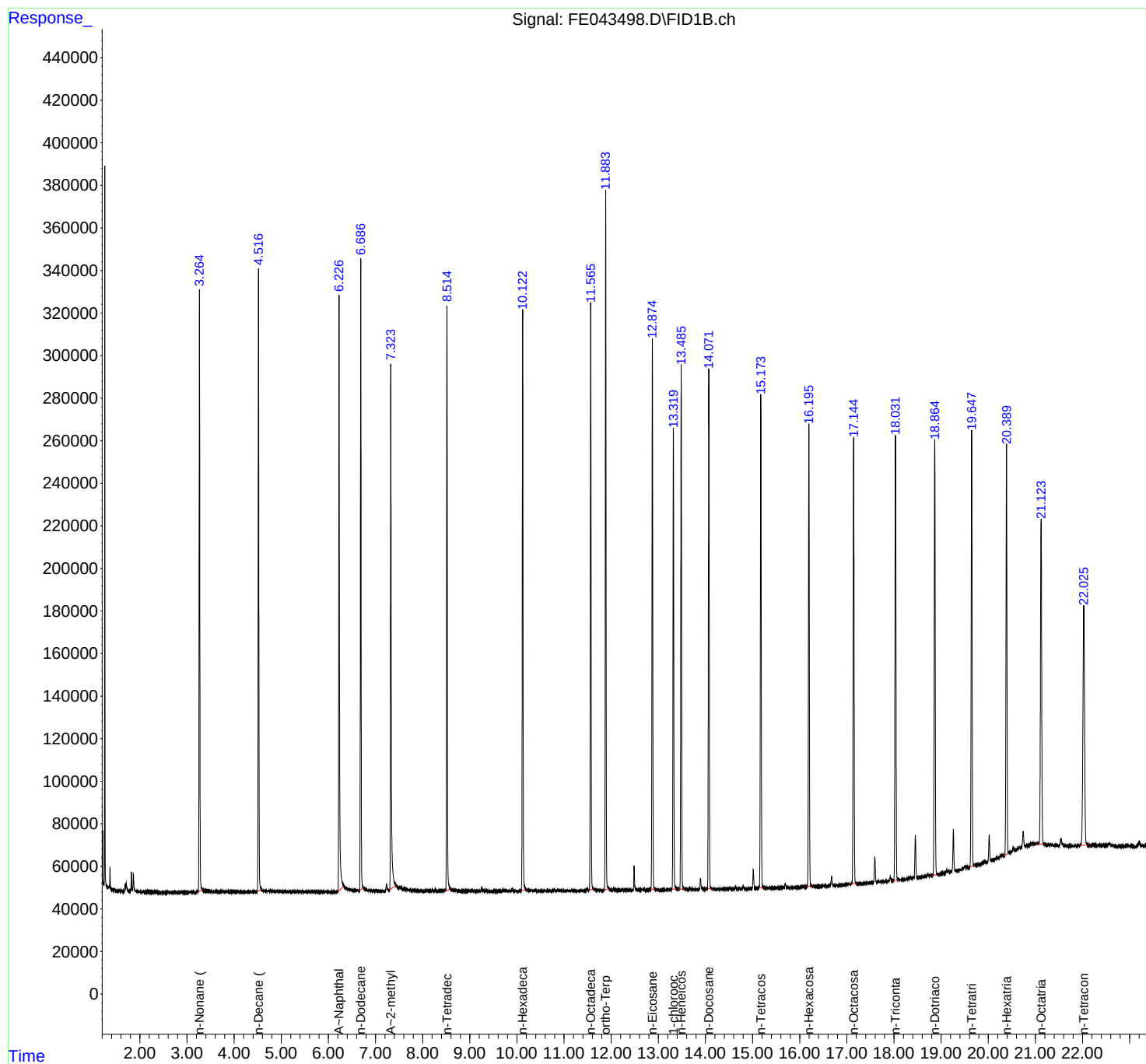
(m)=manual int.

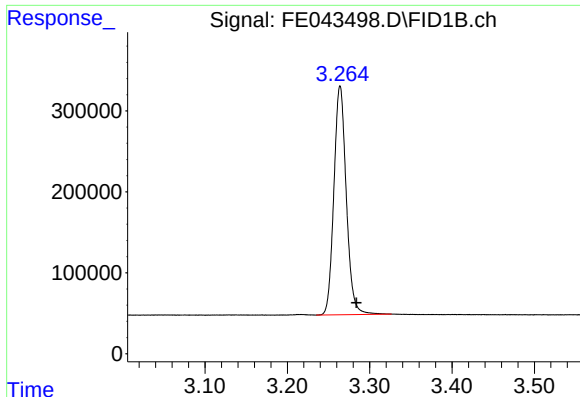
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
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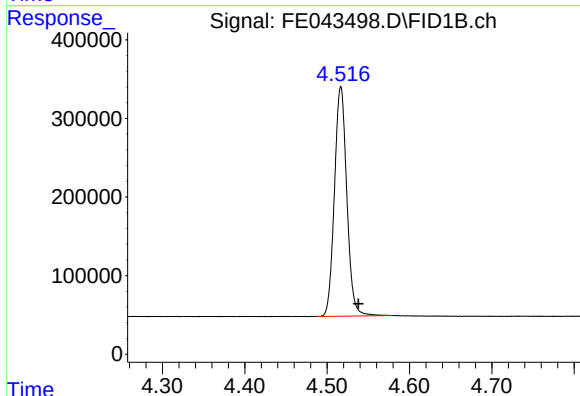




#1 n-Nonane (C9)

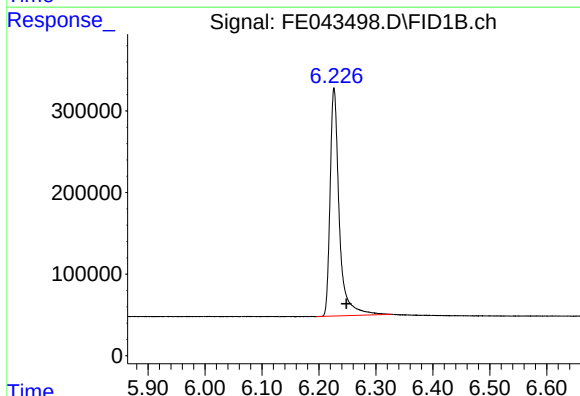
R.T.: 3.264 min
Delta R.T.: -0.020 min
Response: 2954555
Conc: 19.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



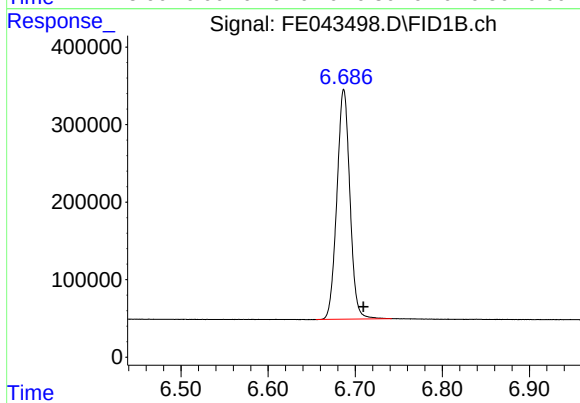
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.021 min
Response: 3050881
Conc: 19.57 ug/ml



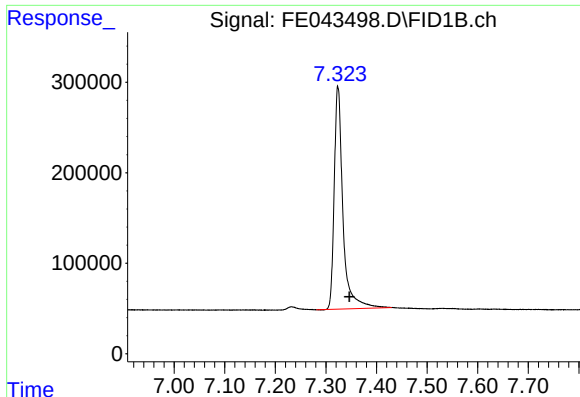
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.021 min
Response: 3135011
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

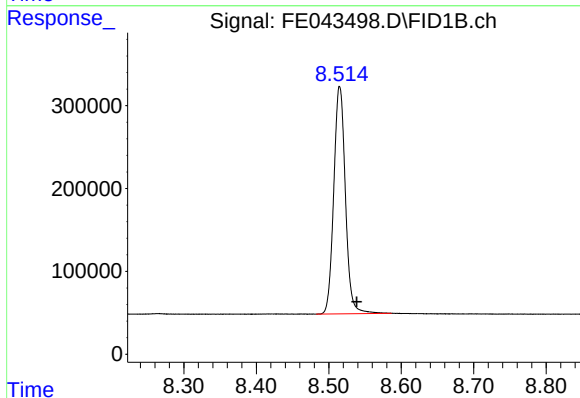
R.T.: 6.687 min
Delta R.T.: -0.023 min
Response: 3073472
Conc: 19.50 ug/ml



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

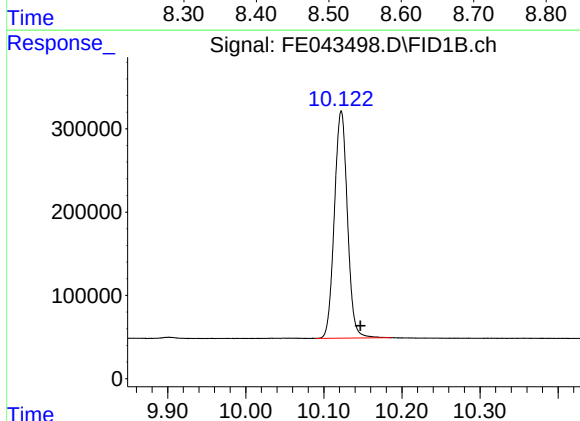
R.T.: 7.324 min
Delta R.T.: -0.023 min
Response: 2956780
Conc: 19.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



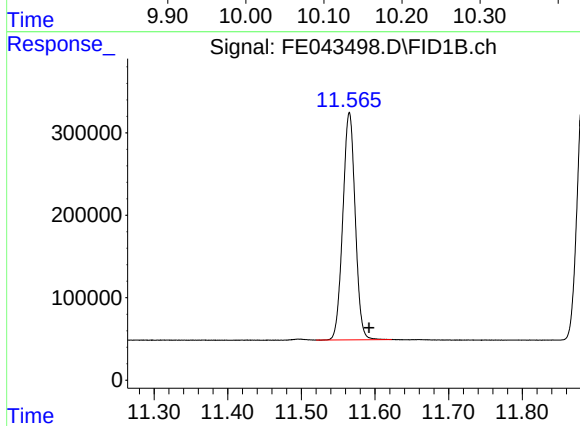
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.023 min
Response: 3067859
Conc: 19.40 ug/ml



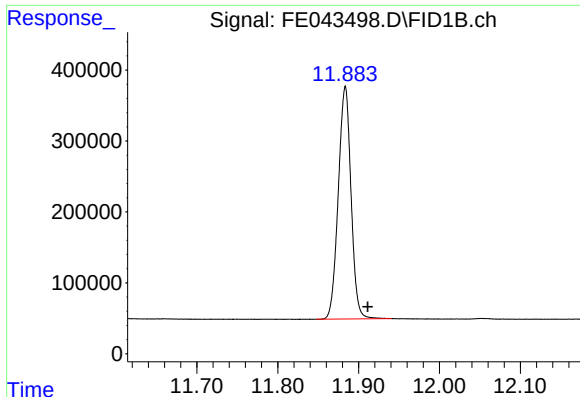
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.024 min
Response: 3174695
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

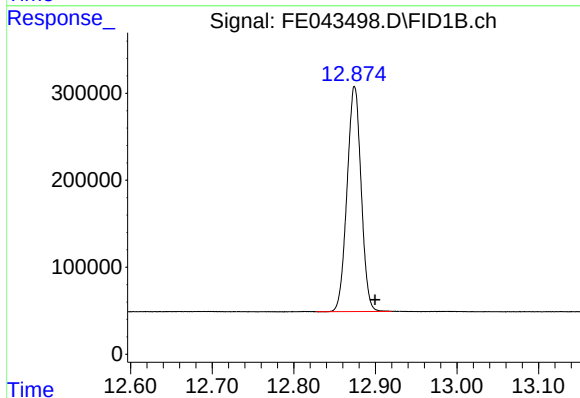
R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 3224739
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

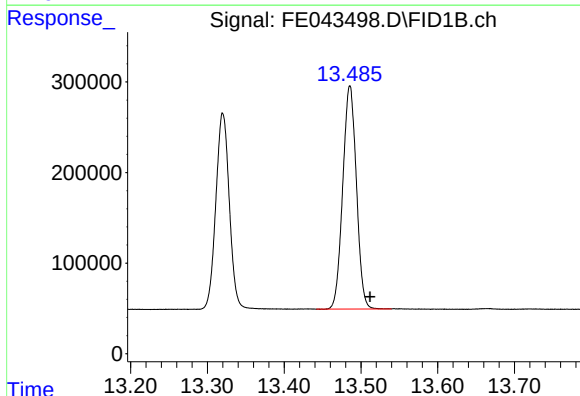
R.T.: 11.884 min
Delta R.T.: -0.028 min
Response: 3593889
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



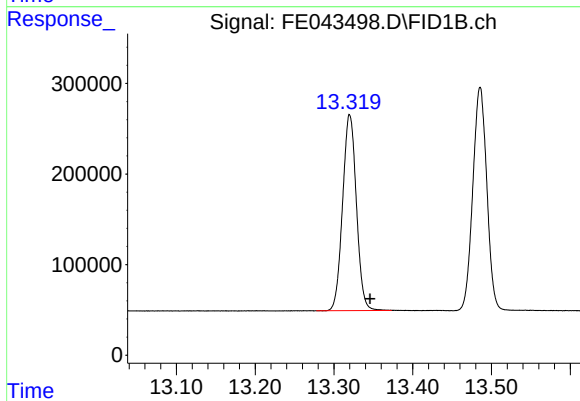
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.025 min
Response: 3107602
Conc: 20.00 ug/ml



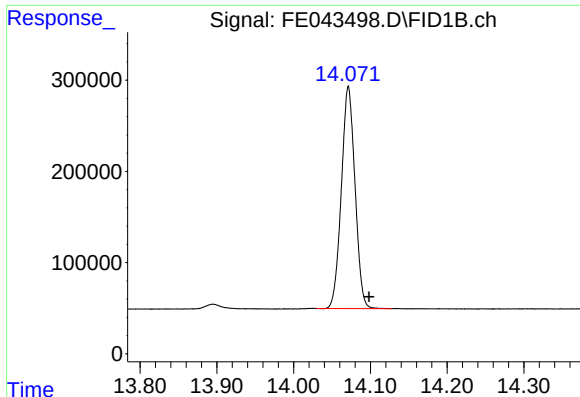
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.026 min
Response: 3039583
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

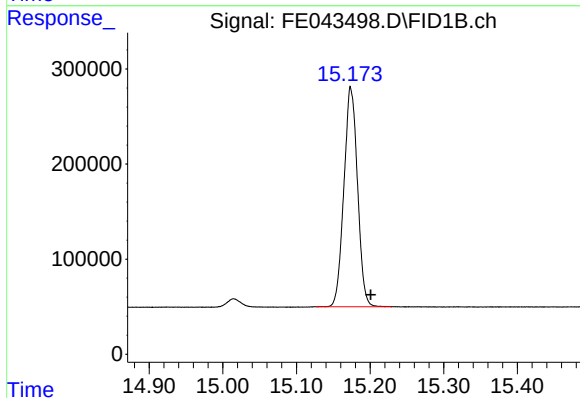
R.T.: 13.320 min
Delta R.T.: -0.026 min
Response: 2629635
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

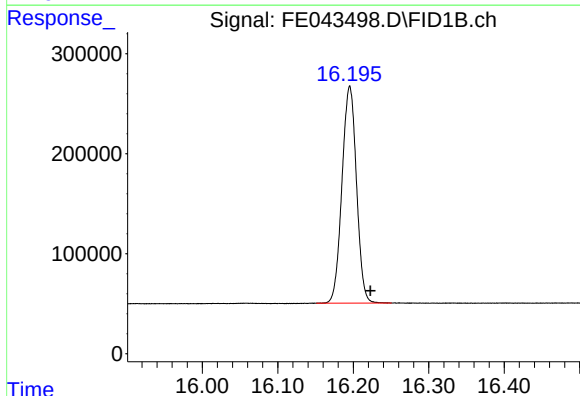
R.T.: 14.071 min
Delta R.T.: -0.027 min
Response: 3008706
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



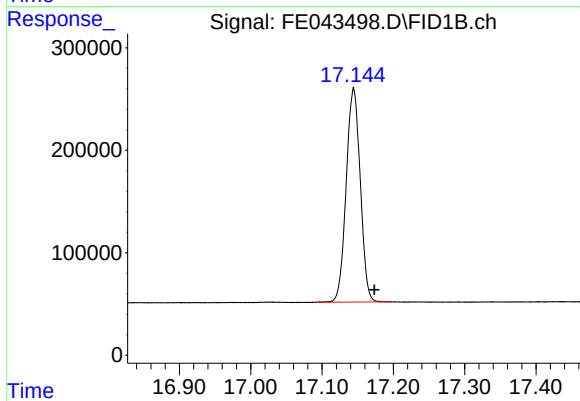
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 2966067
Conc: 20.20 ug/ml



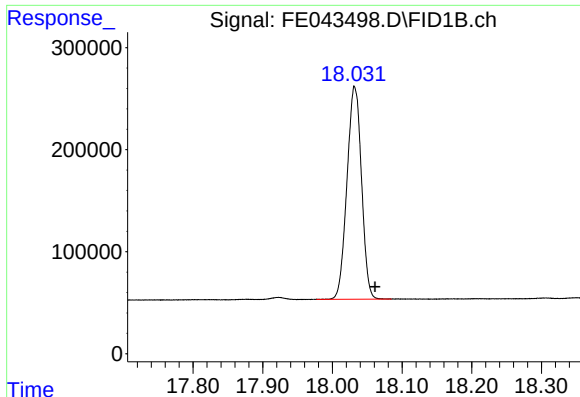
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.027 min
Response: 2895975
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

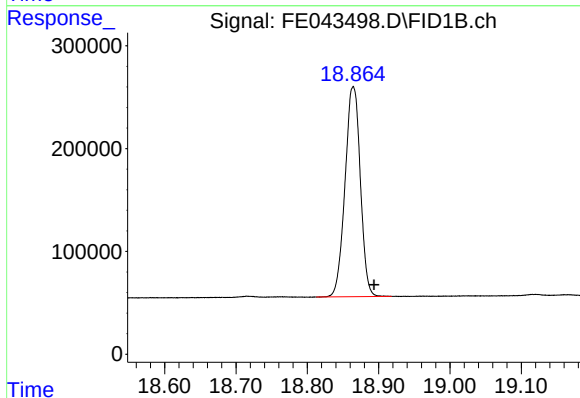
R.T.: 17.144 min
Delta R.T.: -0.029 min
Response: 2860509
Conc: 20.33 ug/ml



#17 n-Tricontane (C30)

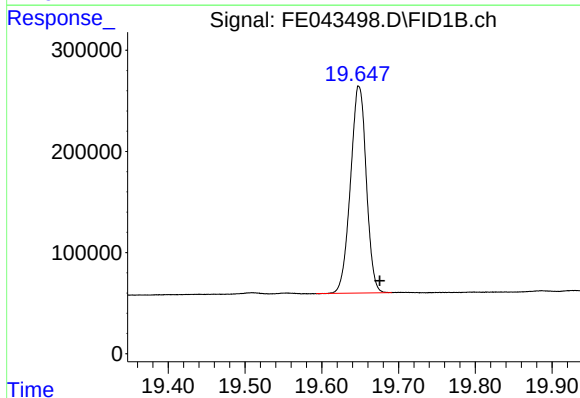
R.T.: 18.032 min
Delta R.T.: -0.029 min
Response: 3020586
Conc: 20.50 ug/ml

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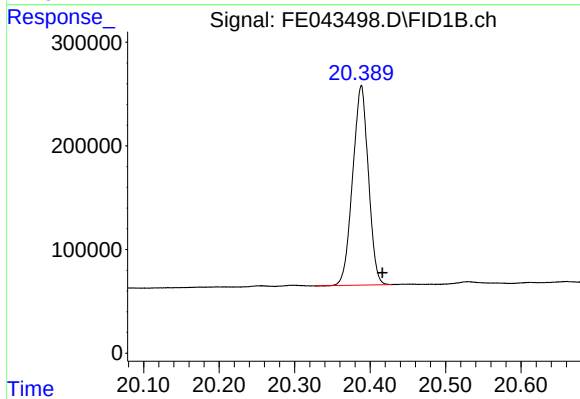
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.029 min
Response: 3046529
Conc: 20.56 ug/ml



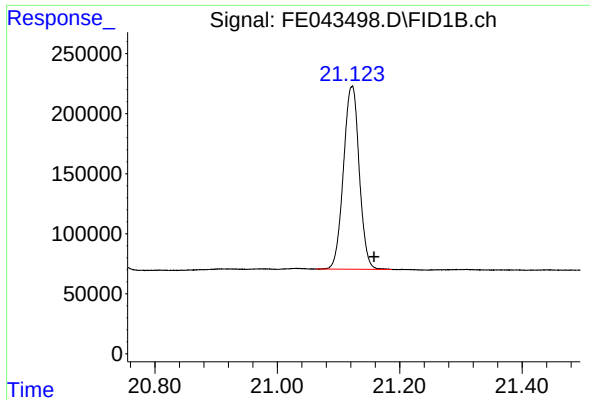
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.027 min
Response: 2930706
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

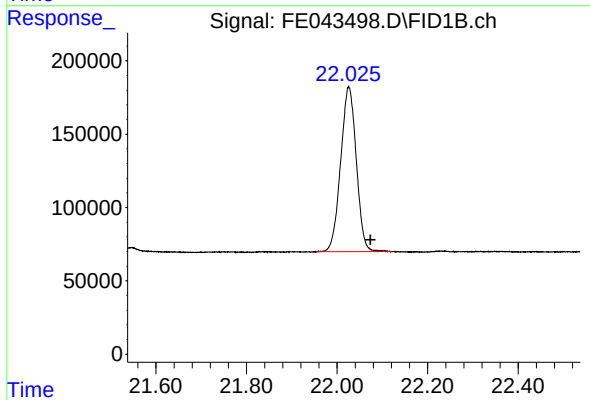
R.T.: 20.388 min
Delta R.T.: -0.028 min
Response: 2779282
Conc: 18.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.036 min
Response: 2730572
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.048 min
Response: 2689928
Conc: 18.23 ug/ml