

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091725AL\
 Data File : FE055866.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2025 07:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 17 10:47:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 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)	12.073	3381791	20.585 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	13.509	2548564	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.411	2501503	19.712 ug/ml
2) T n-Decane (C10)	4.669	2664362	20.799 ug/ml
3) T A~Naphthalene (C11.7)	6.389	3033830	20.881 ug/ml
4) T n-Dodecane (C12)	6.845	2748537	21.108 ug/ml
5) T A~2-methylnaphthalene...	7.490	2950843	20.980 ug/ml
6) T n-Tetradecane (C14)	8.682	2809821	21.336 ug/ml
7) T n-Hexadecane (C16)	10.297	3006598	21.709 ug/ml
8) T n-Octadecane (C18)	11.747	3157855	21.650 ug/ml
10) T n-Eicosane (C20)	13.061	3068560	21.317 ug/ml
11) T n-Heneicosane (C21)	13.676	2971032	20.799 ug/ml
13) T n-Docosane (C22)	14.264	2960218	20.680 ug/ml
14) T n-Tetracosane (C24)	15.371	2938634	20.309 ug/ml
15) T n-Hexacosane (C26)	16.396	2860854	20.025 ug/ml
16) T n-Octacosane (C28)	17.348	2896738	20.366 ug/ml
17) T n-Tricontane (C30)	18.238	3125146	21.142 ug/ml
18) T n-Dotriacontane (C32)	19.073	3243876	22.101 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3018588	21.365 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2732577	20.708 ug/ml
21) T n-Octatriacontane (C38)	21.377	2633720	20.222 ug/ml
22) T n-Tetracontane (C40)	22.362	2314814	18.051 ug/ml

(f)=RT Delta > 1/2 Window

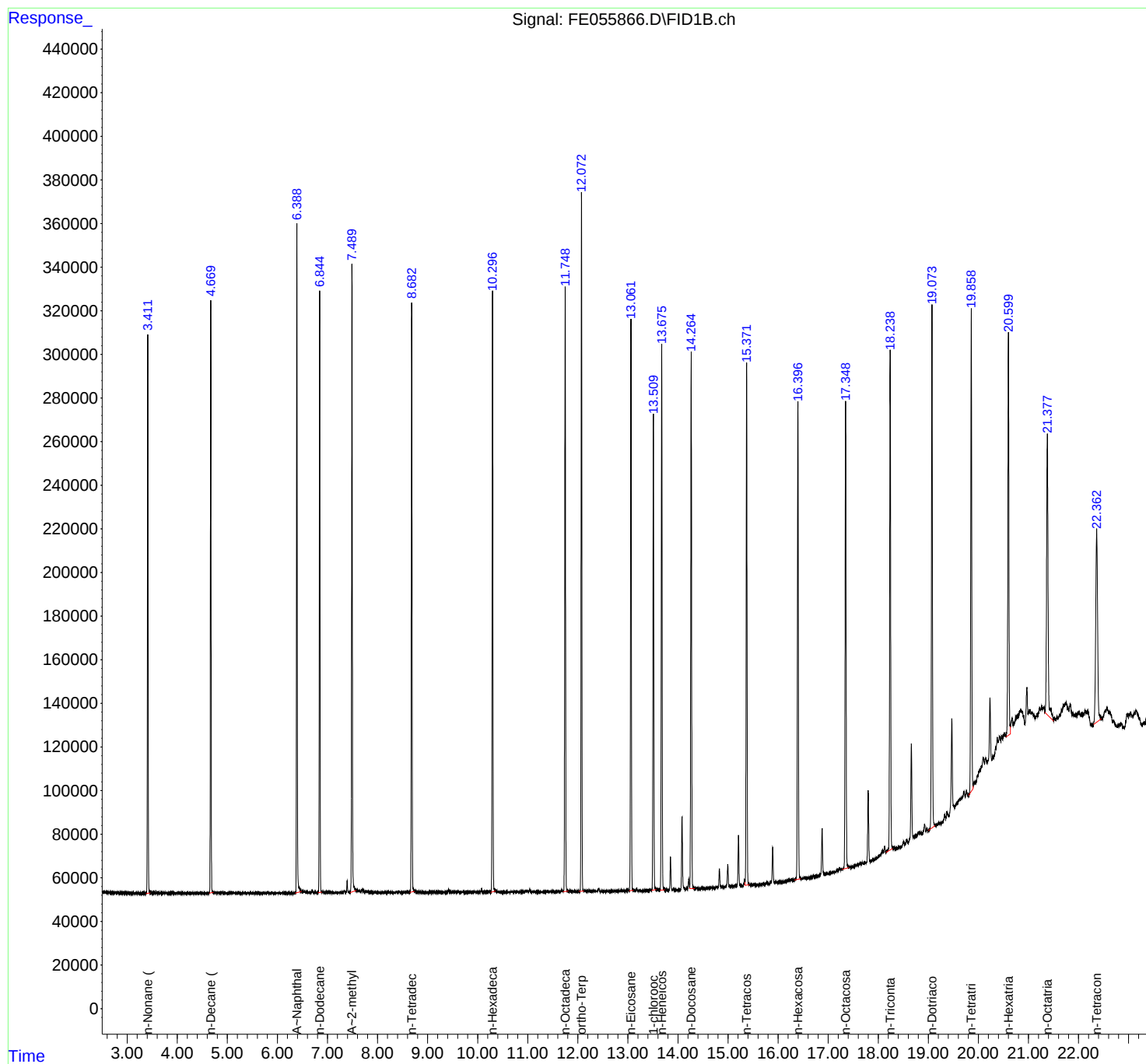
(m)=manual int.

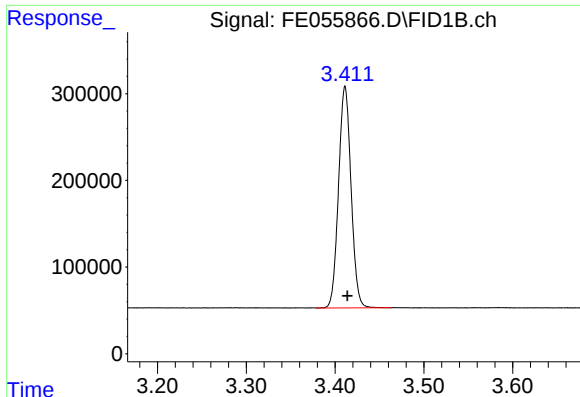
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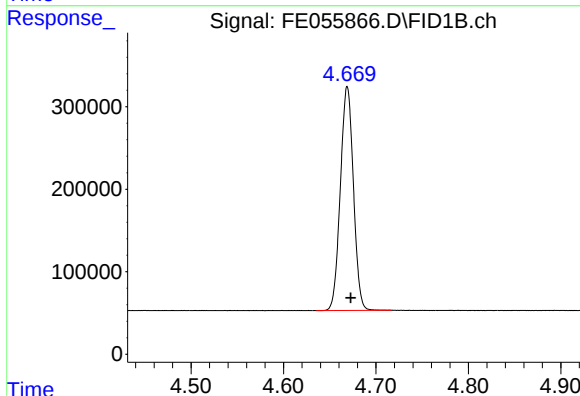




#1 n-Nonane (C9)

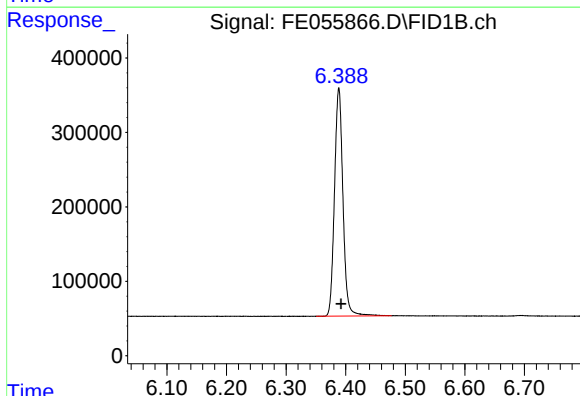
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2501503
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



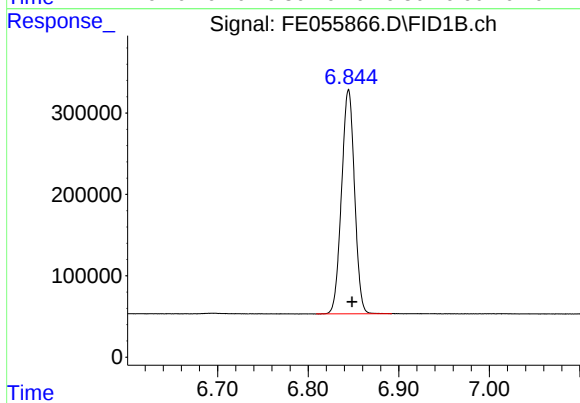
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 2664362
Conc: 20.80 ug/ml



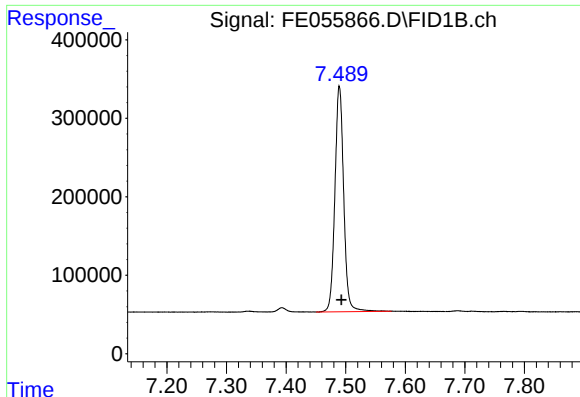
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.004 min
Response: 3033830
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

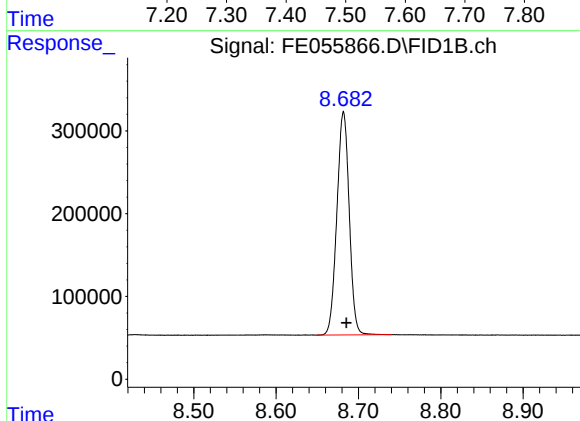
R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 2748537
Conc: 21.11 ug/ml



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

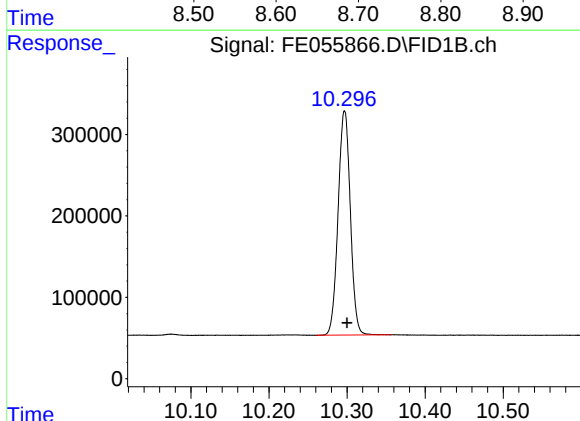
R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 2950843
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



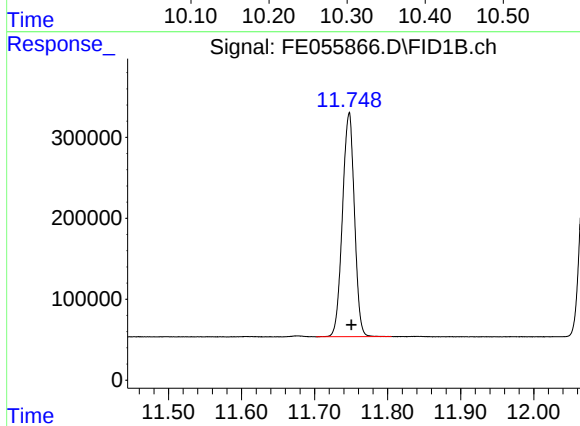
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 2809821
Conc: 21.34 ug/ml



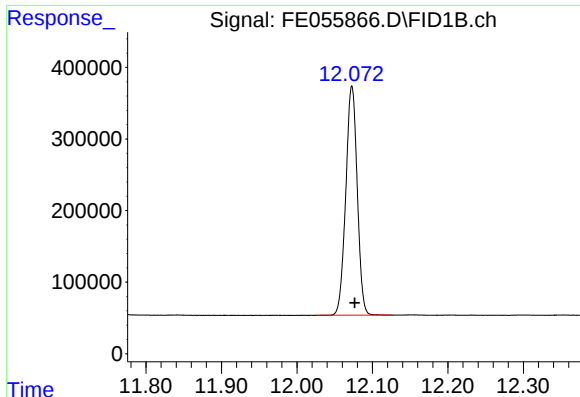
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.003 min
Response: 3006598
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

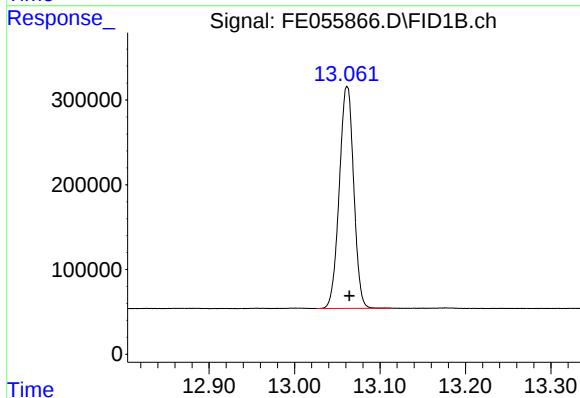
R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 3157855
Conc: 21.65 ug/ml



#9 ortho-Terphenyl (SURR)

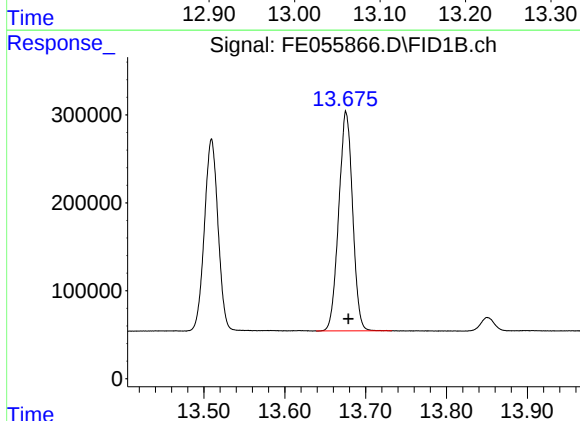
R.T.: 12.073 min
Delta R.T.: -0.004 min
Response: 3381791
Conc: 20.59 ug/ml

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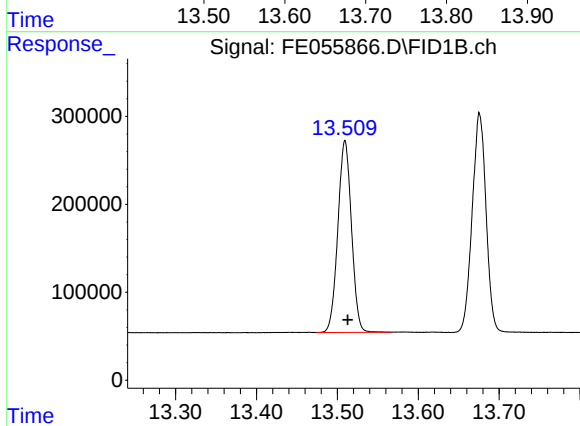
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 3068560
Conc: 21.32 ug/ml



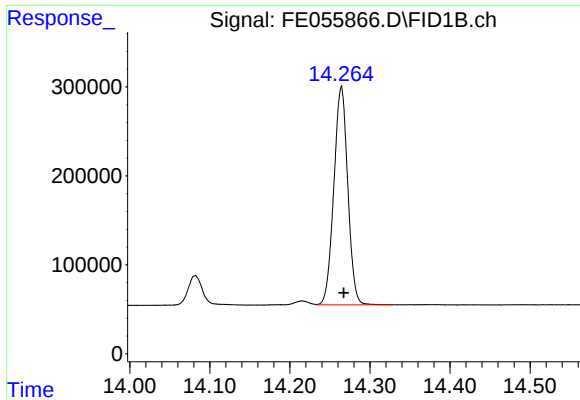
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.003 min
Response: 2971032
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

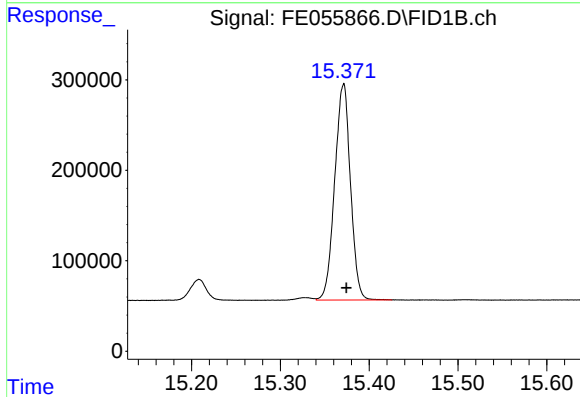
R.T.: 13.509 min
Delta R.T.: -0.003 min
Response: 2548564
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

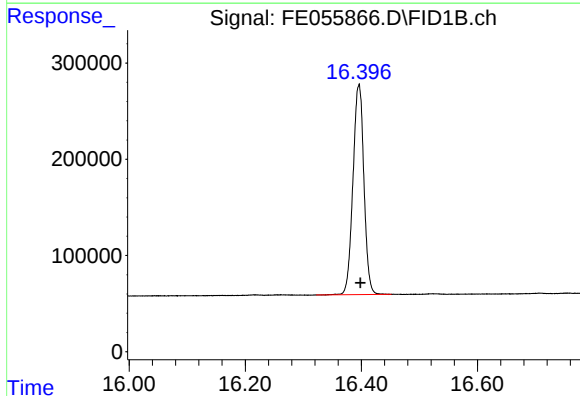
R.T.: 14.264 min
Delta R.T.: -0.003 min
Response: 2960218
Conc: 20.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



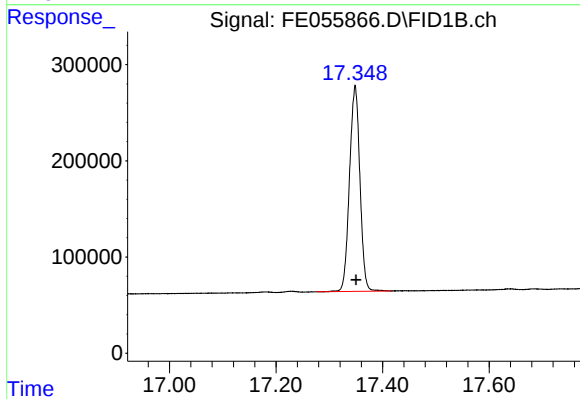
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.004 min
Response: 2938634
Conc: 20.31 ug/ml



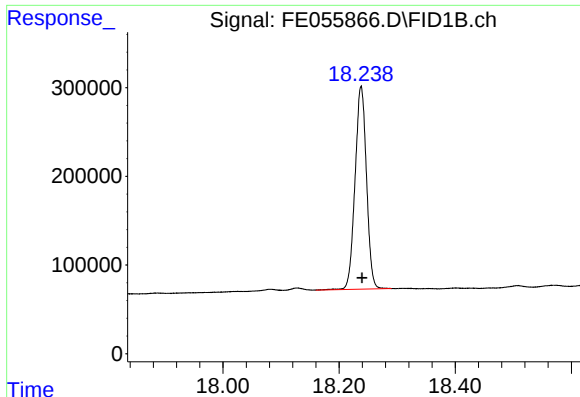
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.003 min
Response: 2860854
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

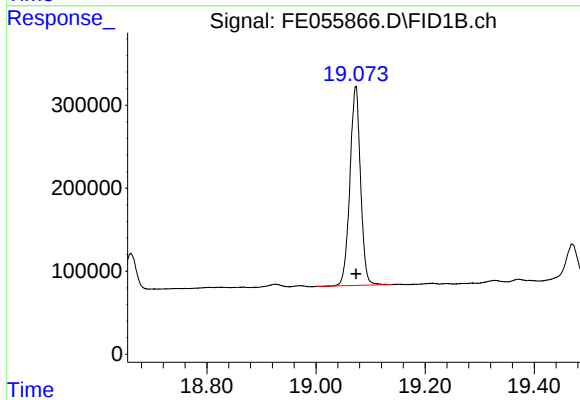
R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2896738
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

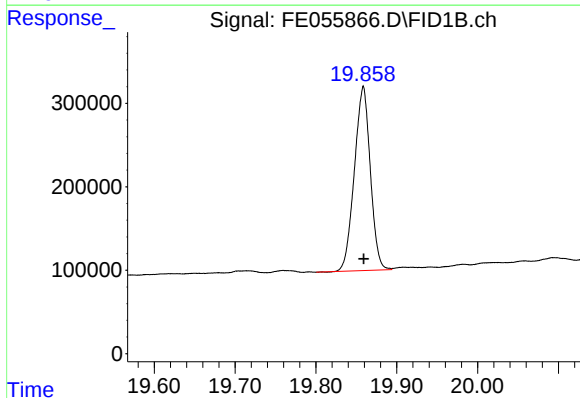
R.T.: 18.238 min
Delta R.T.: -0.002 min
Response: 3125146
Conc: 21.14 ug/ml

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20 PPM ALIPHATIC HC STD



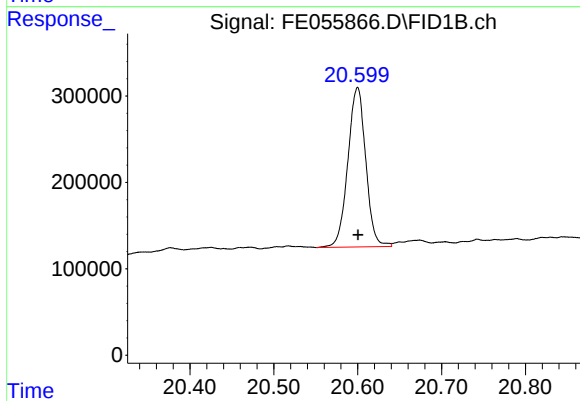
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 3243876
Conc: 22.10 ug/ml



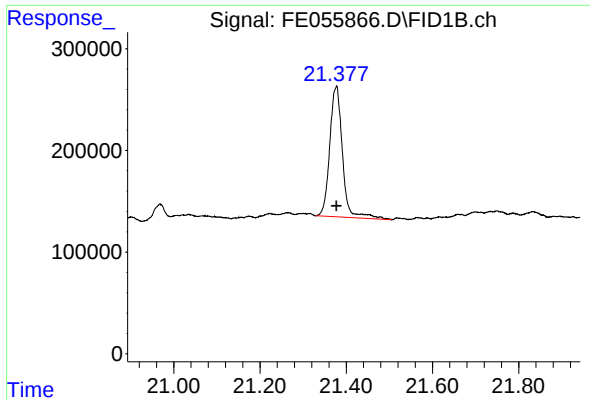
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 3018588
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

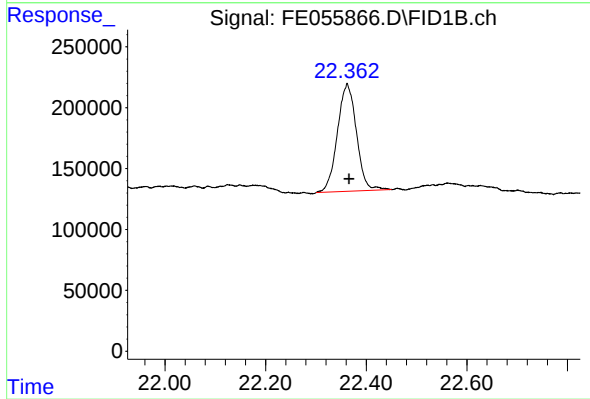
R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 2732577
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 2633720
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.362 min
Delta R.T.: -0.004 min
Response: 2314814
Conc: 18.05 ug/ml