

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055296.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 17:04
 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: sample.E
 Quant Time: Aug 14 01:23:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.085	2492277	17.452 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
12) S 1-chlorooctadecane (S...	13.522	1898063	17.652 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.421	1852883	16.144 ug/ml
2) T n-Decane (C10)	4.679	1965198	16.869 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2250516	16.766 ug/ml
4) T n-Dodecane (C12)	6.855	2030305	17.050 ug/ml
5) T A~2-methylnaphthalene...	7.500	2199856	16.872 ug/ml
6) T n-Tetradecane (C14)	8.693	2094882	17.086 ug/ml
7) T n-Hexadecane (C16)	10.308	2191902	17.145 ug/ml
8) T n-Octadecane (C18)	11.758	2287707	17.534 ug/ml
10) T n-Eicosane (C20)	13.073	2217394	17.672 ug/ml
11) T n-Heneicosane (C21)	13.688	2166748	17.578 ug/ml
13) T n-Docosane (C22)	14.276	2214172	18.131 ug/ml
14) T n-Tetracosane (C24)	15.383	2316669	19.046 ug/ml
15) T n-Hexacosane (C26)	16.408	2353788	19.673 ug/ml
16) T n-Octacosane (C28)	17.360	2470397	20.825 ug/ml
17) T n-Tricontane (C30)	18.249	2753295	22.376 ug/ml
18) T n-Dotriacontane (C32)	19.085	2886443	23.657 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2628553	22.482 ug/ml
20) T n-Hexatriacontane (C36)	20.611	2303934	21.079 ug/ml
21) T n-Octatriacontane (C38)	21.392	2096600	19.400 ug/ml
22) T n-Tetracontane (C40)	22.385	1942511	18.575 ug/ml

(f)=RT Delta > 1/2 Window

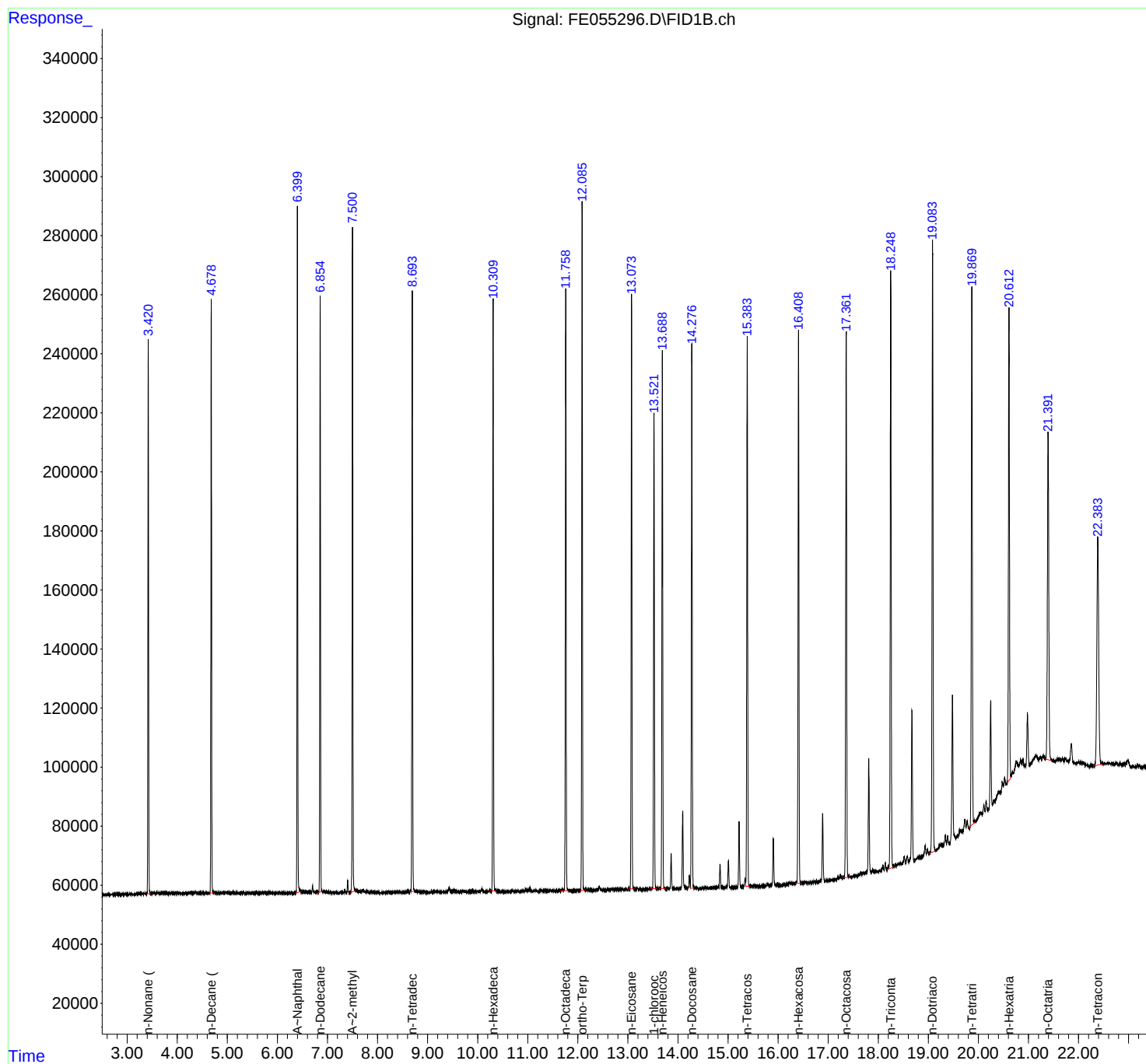
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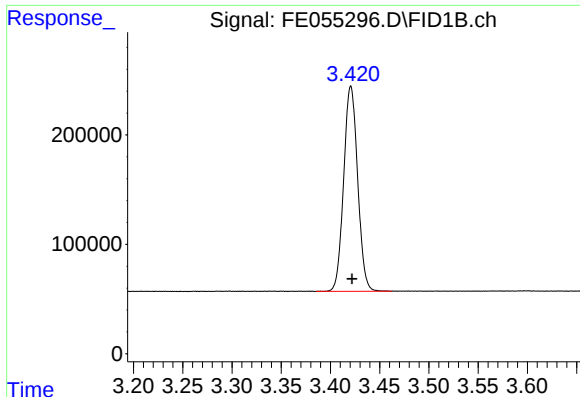
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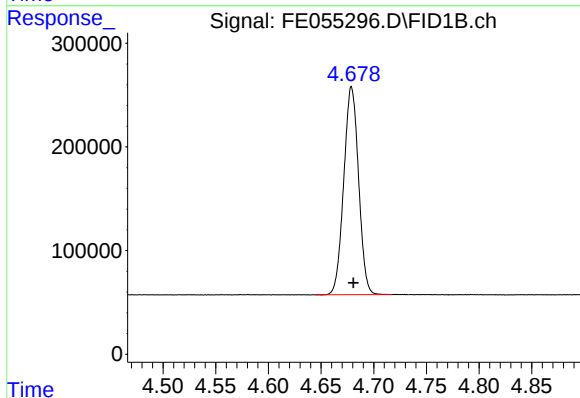




#1 n-Nonane (C9)

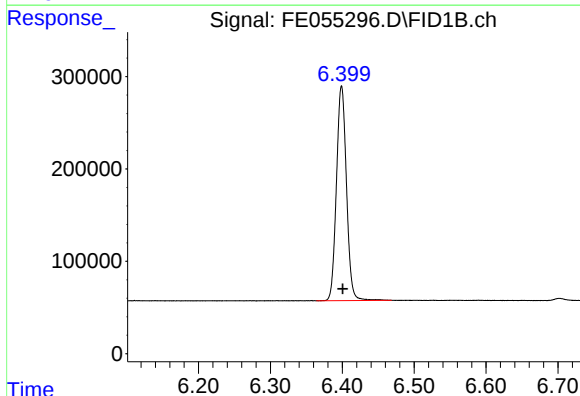
R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 1852883
Conc: 16.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



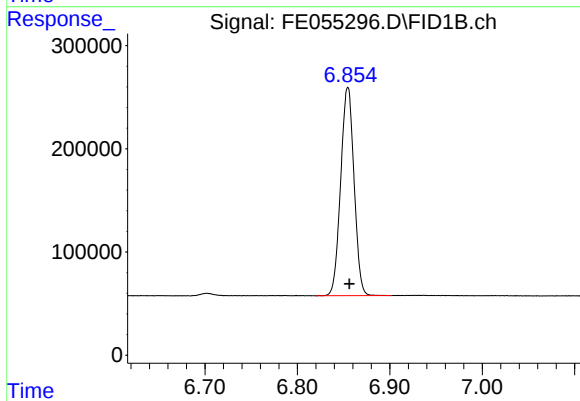
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 1965198
Conc: 16.87 ug/ml



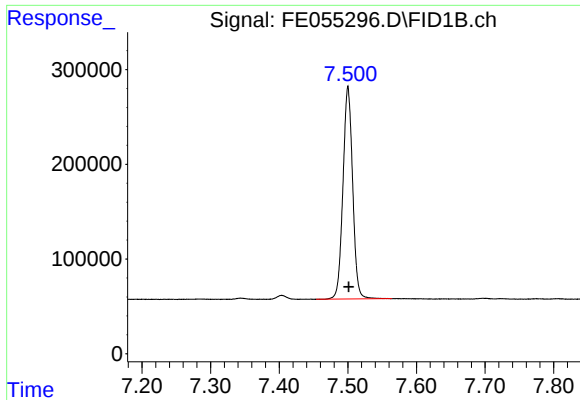
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 2250516
Conc: 16.77 ug/ml



#4 n-Dodecane (C12)

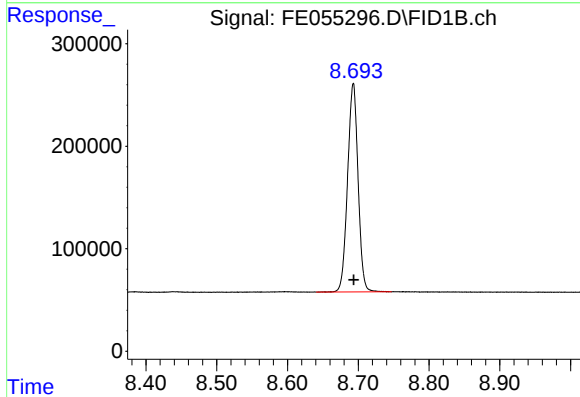
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 2030305
Conc: 17.05 ug/ml



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

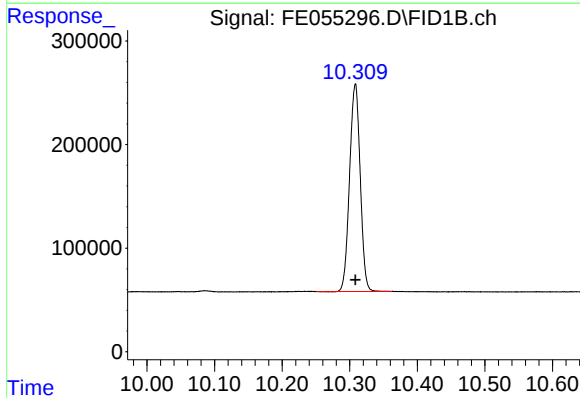
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 2199856
Conc: 16.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



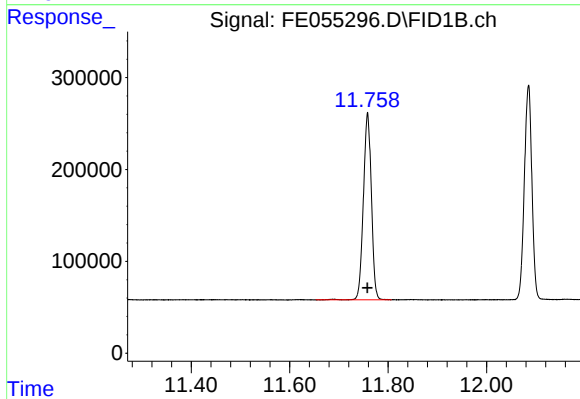
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2094882
Conc: 17.09 ug/ml



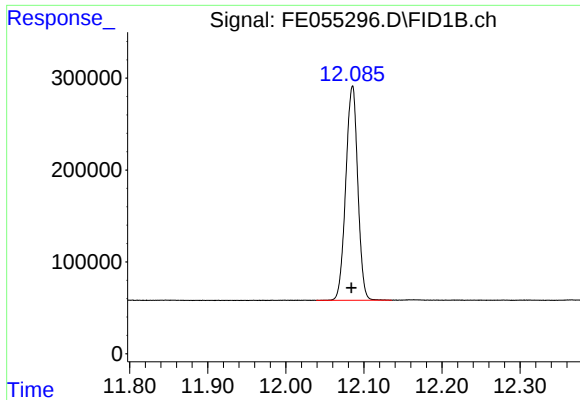
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 2191902
Conc: 17.15 ug/ml



#8 n-Octadecane (C18)

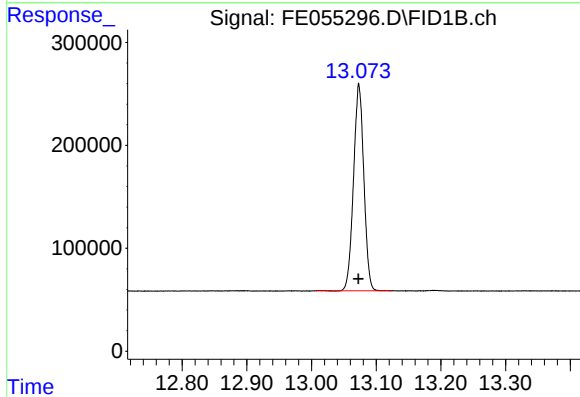
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 2287707
Conc: 17.53 ug/ml



#9 ortho-Terphenyl (SURR)

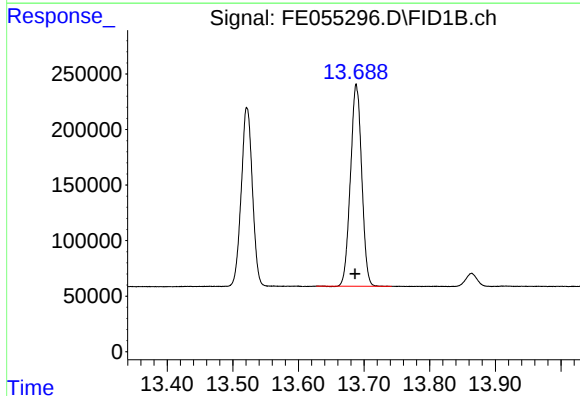
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2492277
Conc: 17.45 ug/ml

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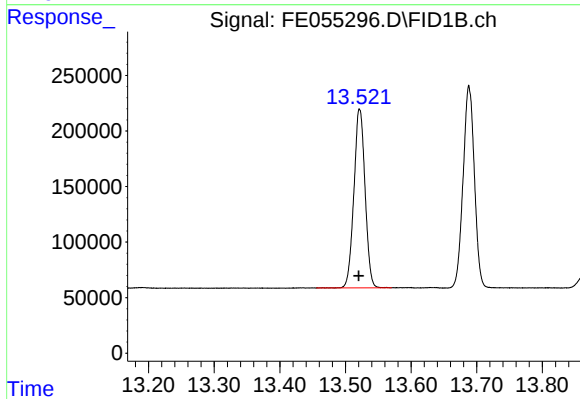
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2217394
Conc: 17.67 ug/ml



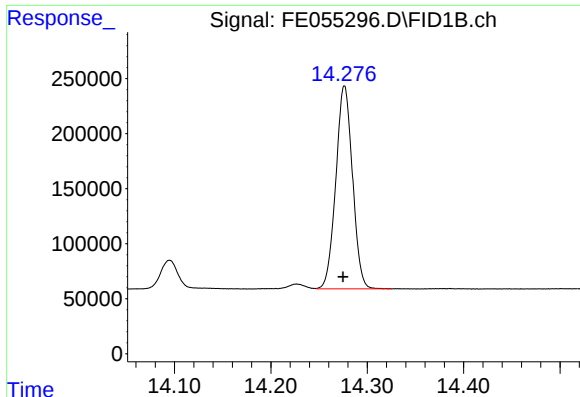
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 2166748
Conc: 17.58 ug/ml



#12 1-chlorooctadecane (SURR)

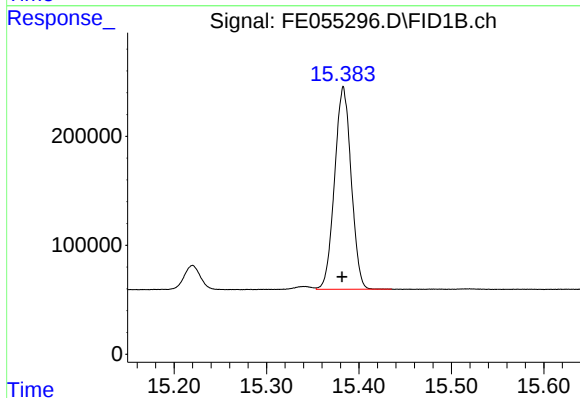
R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 1898063
Conc: 17.65 ug/ml



#13 n-Docosane (C22)

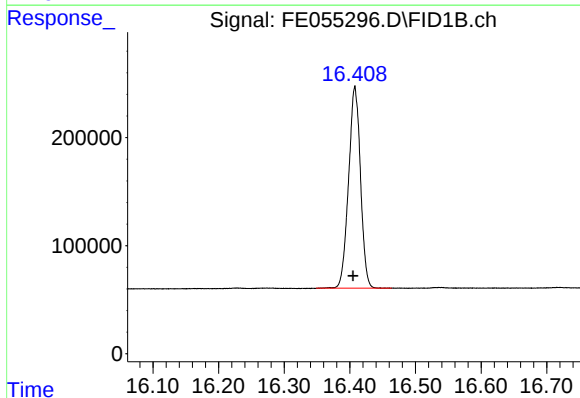
R.T.: 14.276 min
Delta R.T.: 0.002 min
Response: 2214172
Conc: 18.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



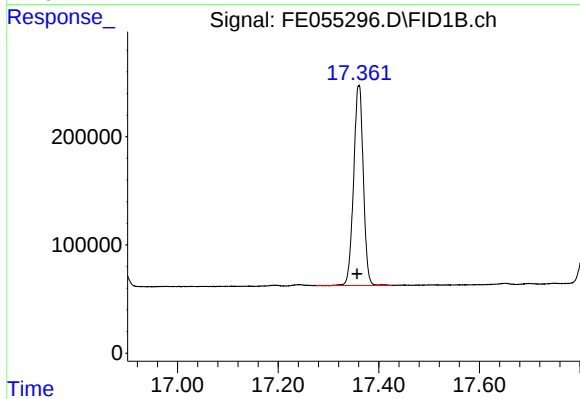
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 2316669
Conc: 19.05 ug/ml



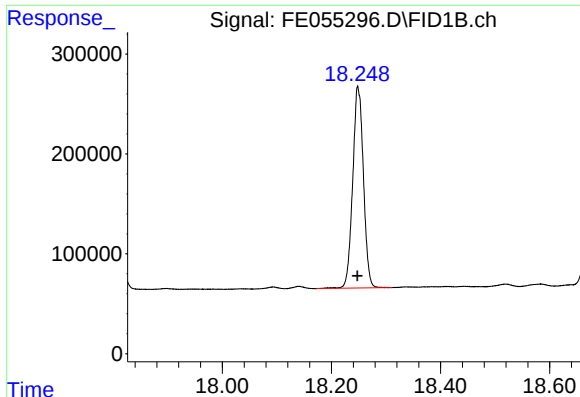
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 2353788
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

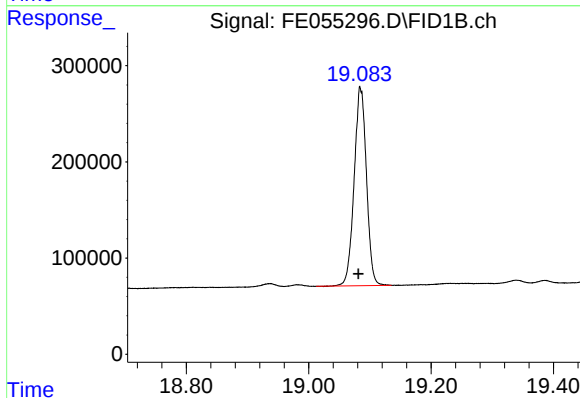
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 2470397
Conc: 20.83 ug/ml



#17 n-Tricontane (C30)

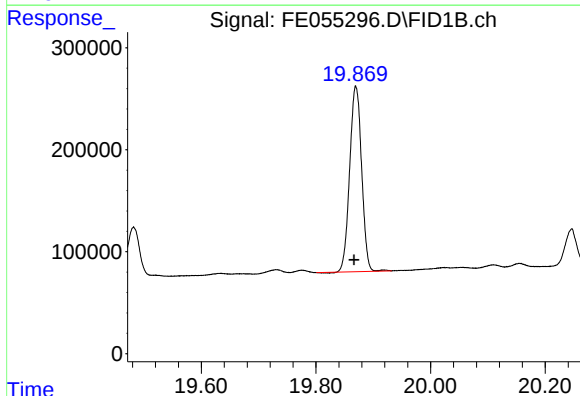
R.T.: 18.249 min
Delta R.T.: 0.001 min
Response: 2753295
Conc: 22.38 ug/ml

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20 PPM ALIPHATIC HC STD



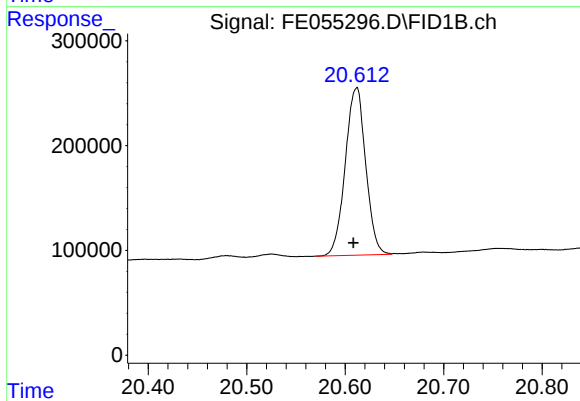
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.003 min
Response: 2886443
Conc: 23.66 ug/ml



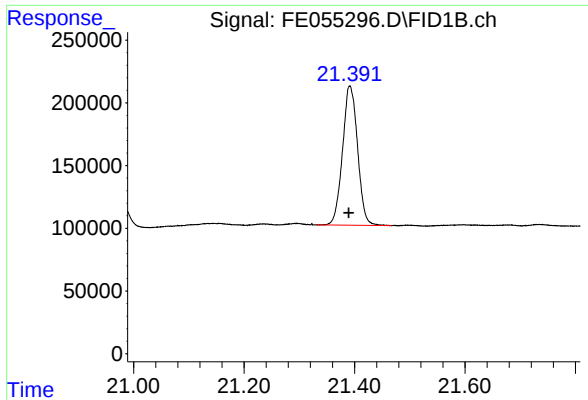
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 2628553
Conc: 22.48 ug/ml



#20 n-Hexatriacontane (C36)

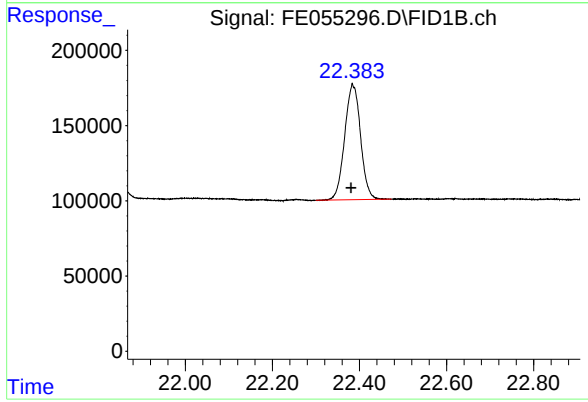
R.T.: 20.611 min
Delta R.T.: 0.003 min
Response: 2303934
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.002 min
Response: 2096600
Conc: 19.40 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.385 min
Delta R.T.: 0.004 min
Response: 1942511
Conc: 18.58 ug/ml