

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055195.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 00:30
 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: Aug 08 01:12:56 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)	12.087	2534236	17.746 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	13.524	1929761	17.947 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.424	2026598	17.658 ug/ml
2) T n-Decane (C10)	4.683	2102512	18.048 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2400077	17.880 ug/ml
4) T n-Dodecane (C12)	6.859	2169731	18.220 ug/ml
5) T A~2-methylnaphthalene...	7.504	2341905	17.962 ug/ml
6) T n-Tetradecane (C14)	8.696	2212121	18.042 ug/ml
7) T n-Hexadecane (C16)	10.311	2319274	18.141 ug/ml
8) T n-Octadecane (C18)	11.761	2352338	18.029 ug/ml
10) T n-Eicosane (C20)	13.076	2268576	18.080 ug/ml
11) T n-Heneicosane (C21)	13.690	2201474	17.859 ug/ml
13) T n-Docosane (C22)	14.278	2262161	18.524 ug/ml
14) T n-Tetracosane (C24)	15.384	2409744	19.811 ug/ml
15) T n-Hexacosane (C26)	16.408	2477793	20.709 ug/ml
16) T n-Octacosane (C28)	17.361	2540214	21.414 ug/ml
17) T n-Tricontane (C30)	18.250	2825803	22.965 ug/ml
18) T n-Dotriacontane (C32)	19.085	2775747	22.750 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2459959	21.040 ug/ml
20) T n-Hexatriacontane (C36)	20.612	2182180	19.965 ug/ml
21) T n-Octatriacontane (C38)	21.392	2362573	21.861 ug/ml
22) T n-Tetracontane (C40)	22.384	1907309	18.239 ug/ml

(f)=RT Delta > 1/2 Window

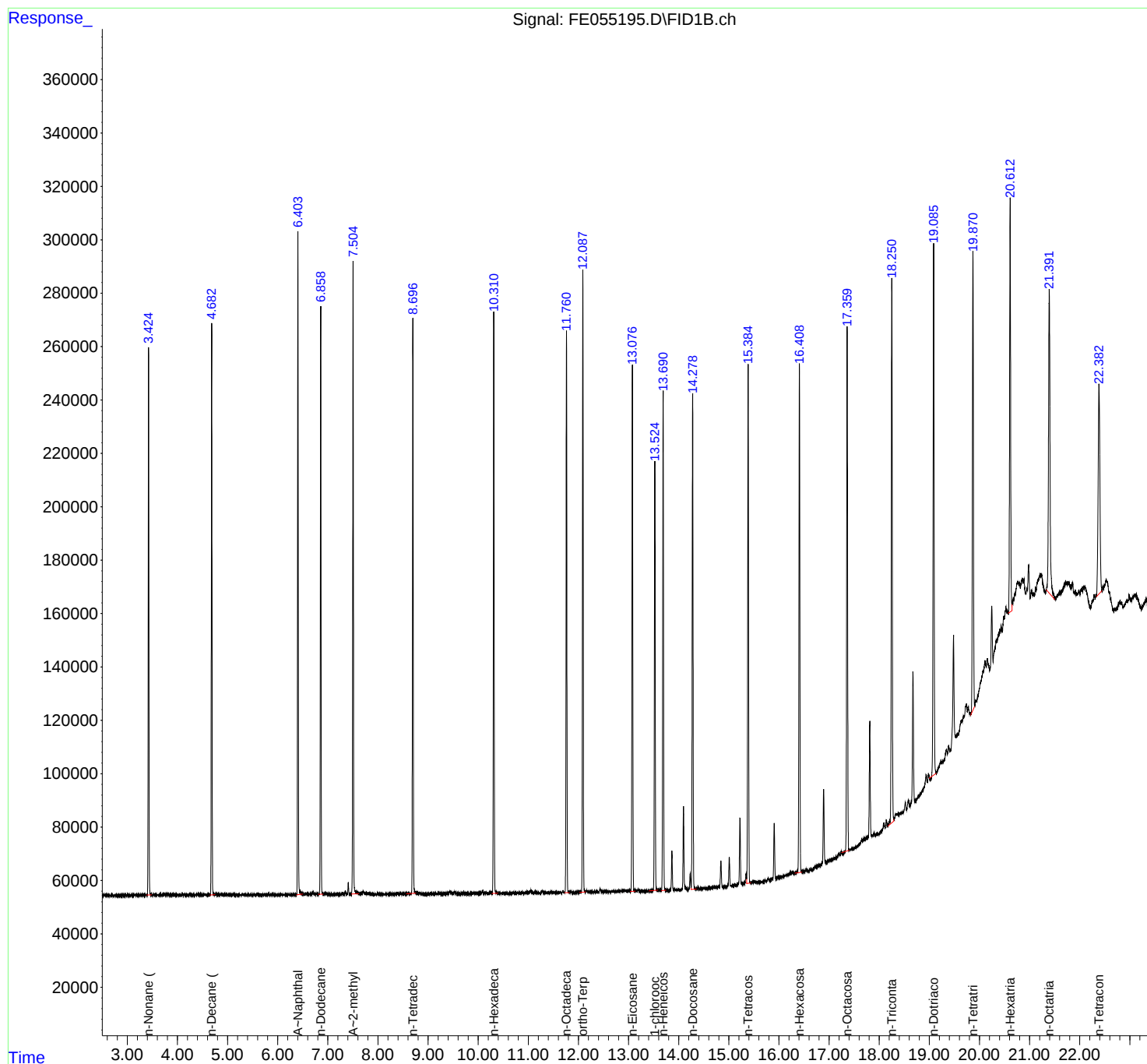
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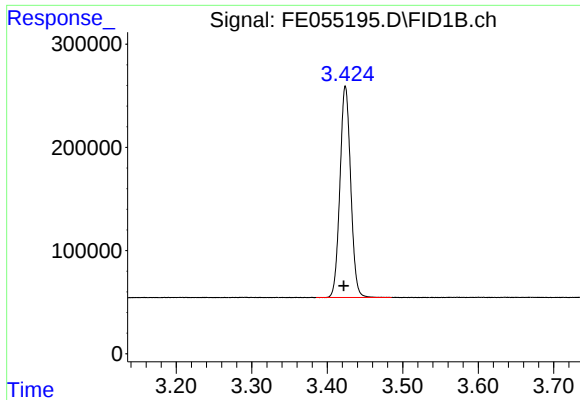
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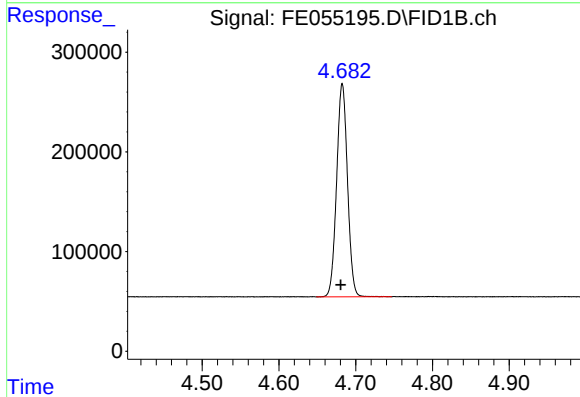




#1 n-Nonane (C9)

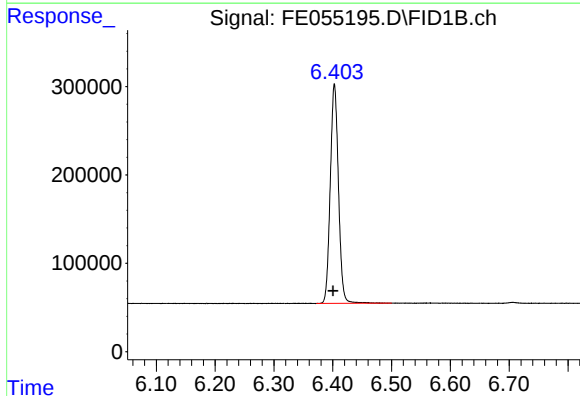
R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 2026598
Conc: 17.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



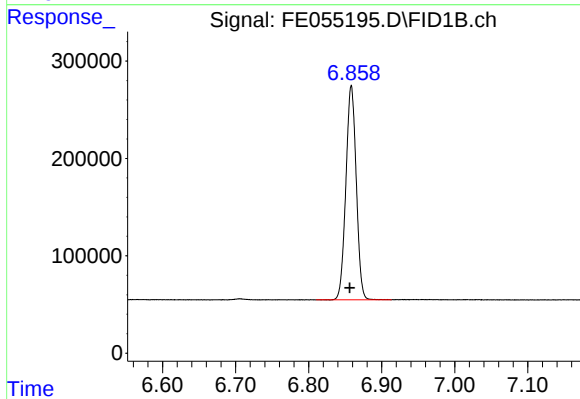
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.002 min
Response: 2102512
Conc: 18.05 ug/ml



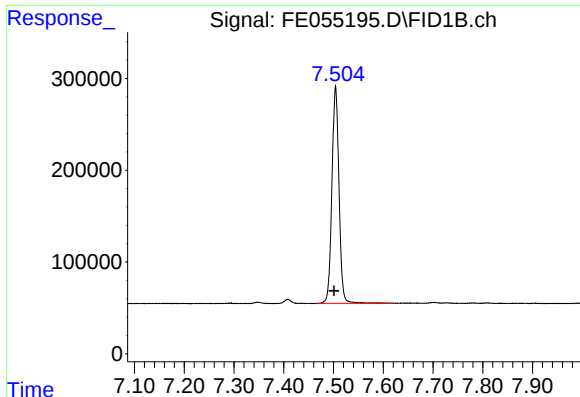
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 2400077
Conc: 17.88 ug/ml



#4 n-Dodecane (C12)

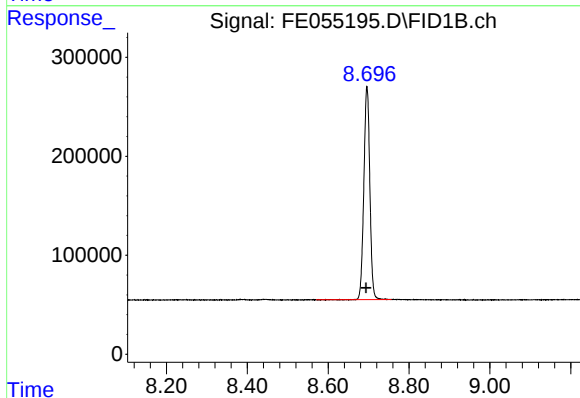
R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 2169731
Conc: 18.22 ug/ml



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

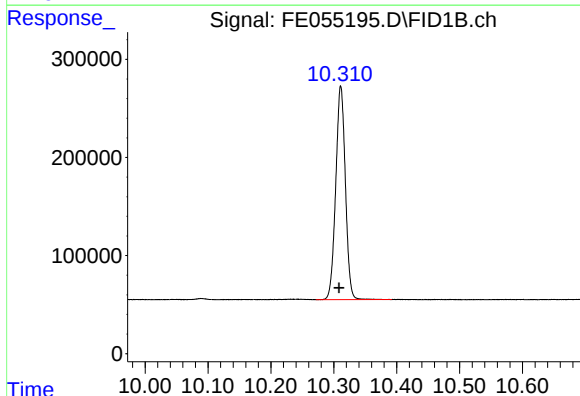
R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 2341905
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



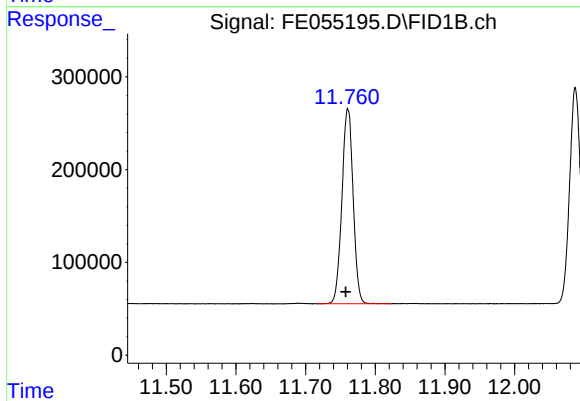
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 2212121
Conc: 18.04 ug/ml



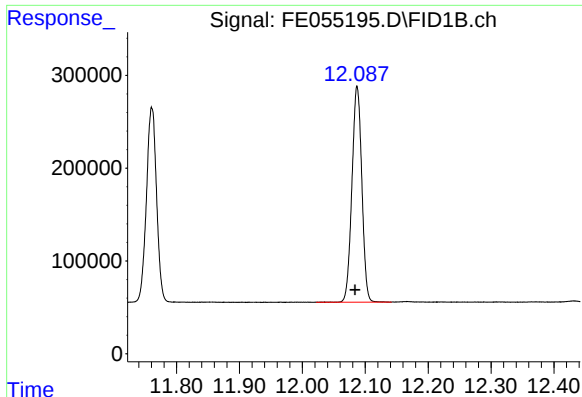
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.003 min
Response: 2319274
Conc: 18.14 ug/ml



#8 n-Octadecane (C18)

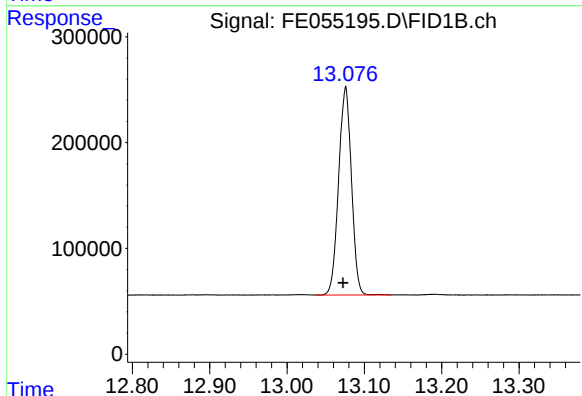
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 2352338
Conc: 18.03 ug/ml



#9 ortho-Terphenyl (SURR)

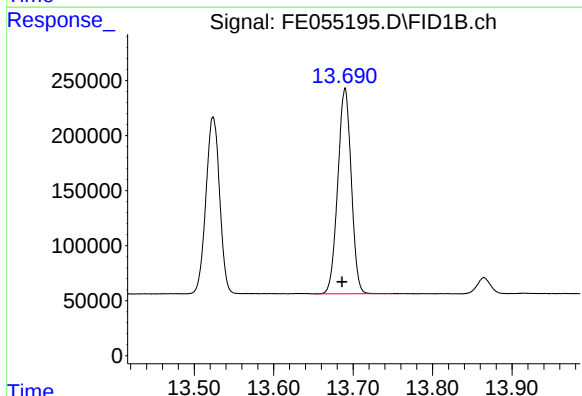
R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 2534236
Conc: 17.75 ug/ml

Instrument :
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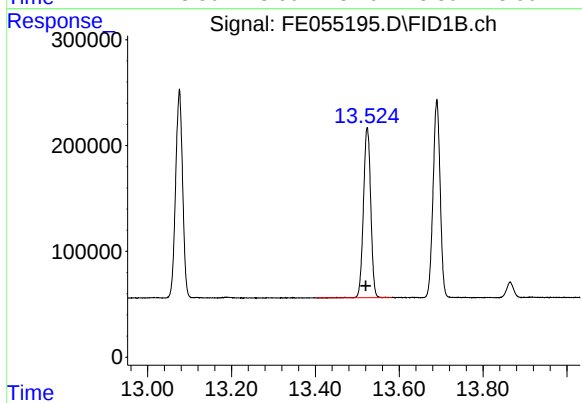
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 2268576
Conc: 18.08 ug/ml



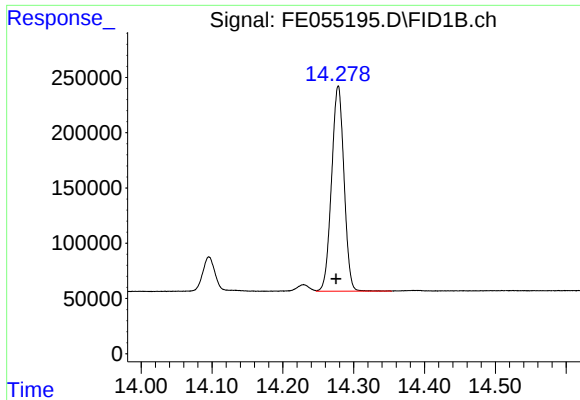
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.003 min
Response: 2201474
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

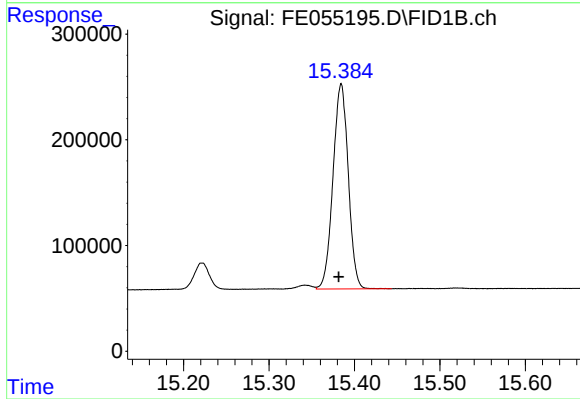
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 1929761
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

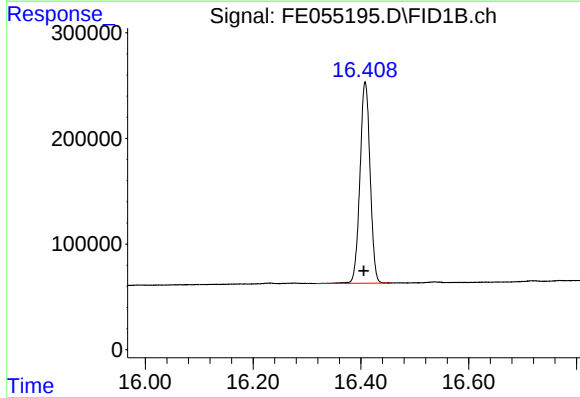
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 2262161
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



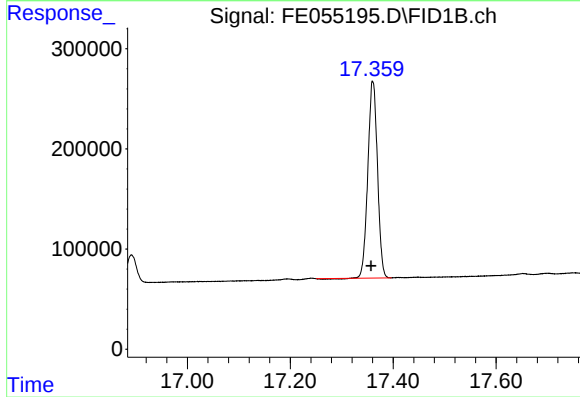
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.003 min
Response: 2409744
Conc: 19.81 ug/ml



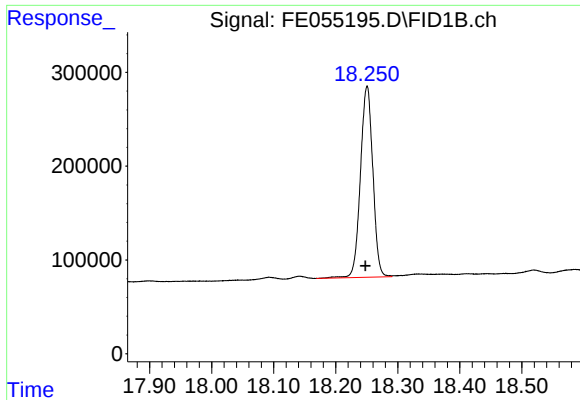
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 2477793
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

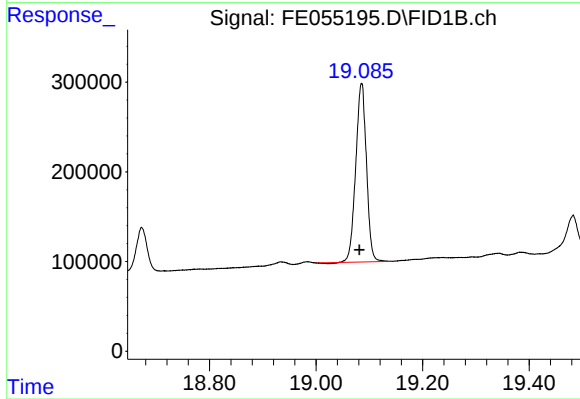
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 2540214
Conc: 21.41 ug/ml



#17 n-Tricontane (C30)

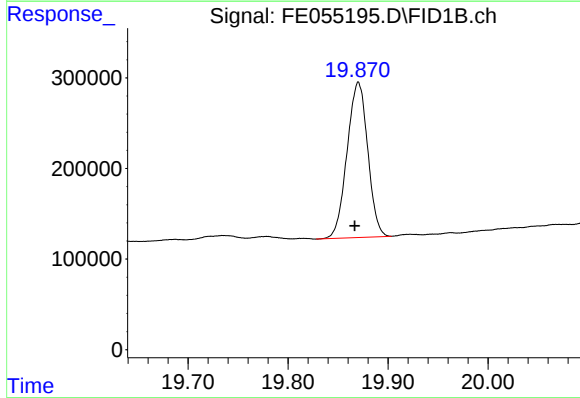
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 2825803
Conc: 22.96 ug/ml

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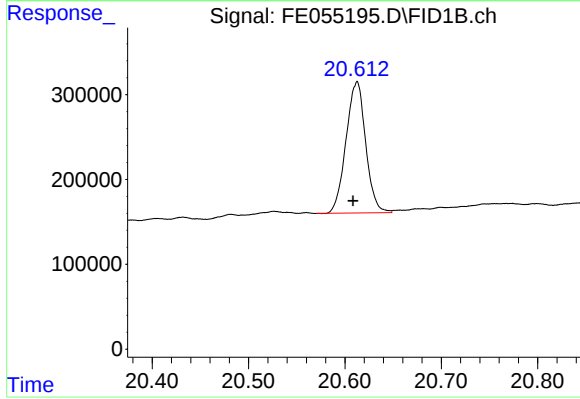
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 2775747
Conc: 22.75 ug/ml



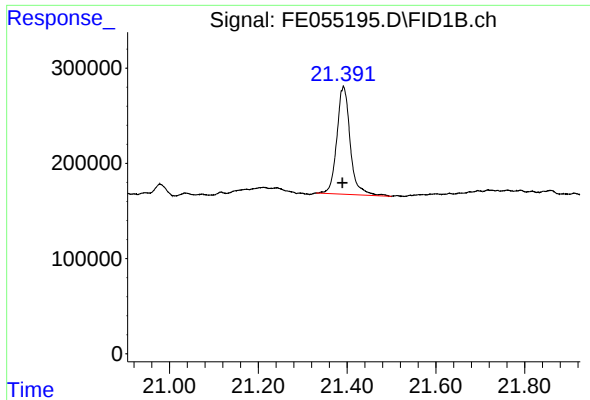
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 2459959
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

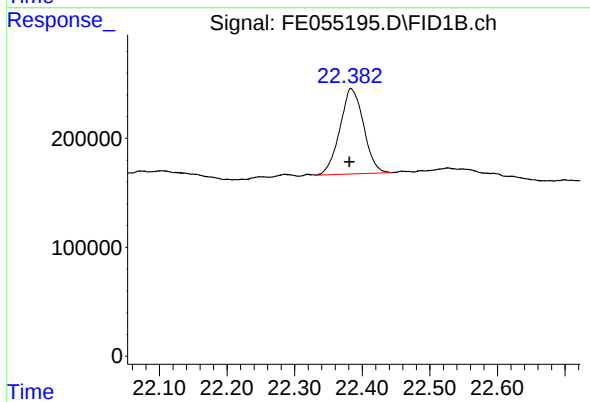
R.T.: 20.612 min
Delta R.T.: 0.004 min
Response: 2182180
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.002 min
Response: 2362573
Conc: 21.86 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.003 min
Response: 1907309
Conc: 18.24 ug/ml