

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054264.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 01:42
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 10 07:13:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:11:27 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)	11.838	7485416	45.982 ug/ml
Spiked Amount 50.000		Recovery =	91.96%
12) S 1-chlorooctadecane (S...	13.282	5580848	46.453 ug/ml
Spiked Amount 50.000		Recovery =	92.91%
Target Compounds			
1) T n-Nonane (C9)	3.182	5720205	46.571 ug/ml
2) T n-Decane (C10)	4.446	5761474	46.734 ug/ml
3) T A~Naphthalene (C11.7)	6.160	6465961	48.672 ug/ml
4) T n-Dodecane (C12)	6.628	5912351	46.686 ug/ml
5) T A~2-methylnaphthalene...	7.263	6389306	48.425 ug/ml
6) T n-Tetradecane (C14)	8.463	5960244	46.637 ug/ml
7) T n-Hexadecane (C16)	10.076	6073108	46.357 ug/ml
8) T n-Octadecane (C18)	11.524	6130197	46.065 ug/ml
10) T n-Eicosane (C20)	12.837	6049864	45.905 ug/ml
11) T n-Heneicosane (C21)	13.450	6012672	45.894 ug/ml
13) T n-Docosane (C22)	14.037	5936179	45.996 ug/ml
14) T n-Tetracosane (C24)	15.143	5834261	45.936 ug/ml
15) T n-Hexacosane (C26)	16.167	5700392	46.122 ug/ml
16) T n-Octacosane (C28)	17.118	5579544	46.234 ug/ml
17) T n-Tricontane (C30)	18.007	5638487	46.403 ug/ml
18) T n-Dotriacontane (C32)	18.842	5697628	46.289 ug/ml
19) T n-Tetratriacontane (C34)	19.627	5659481	46.217 ug/ml
20) T n-Hexatriacontane (C36)	20.369	5889120	46.207 ug/ml
21) T n-Octatriacontane (C38)	21.097	6048842	46.214 ug/ml
22) T n-Tetracontane (C40)	21.991	6086352	45.729 ug/ml

(f)=RT Delta > 1/2 Window

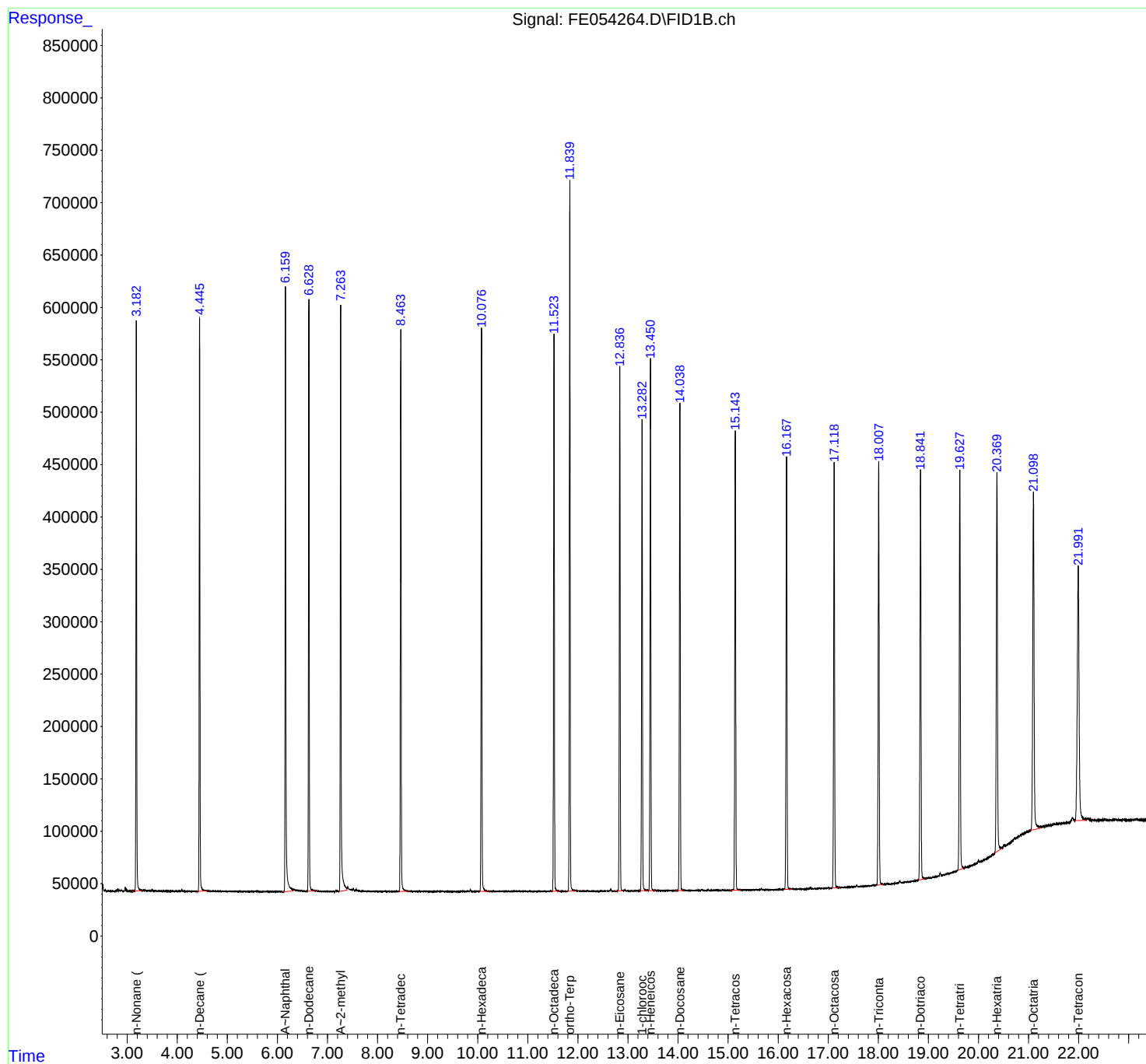
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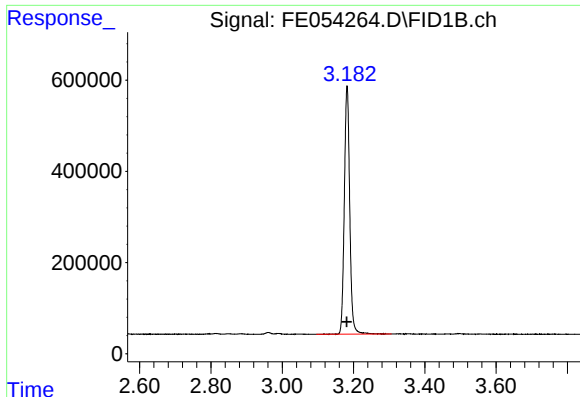
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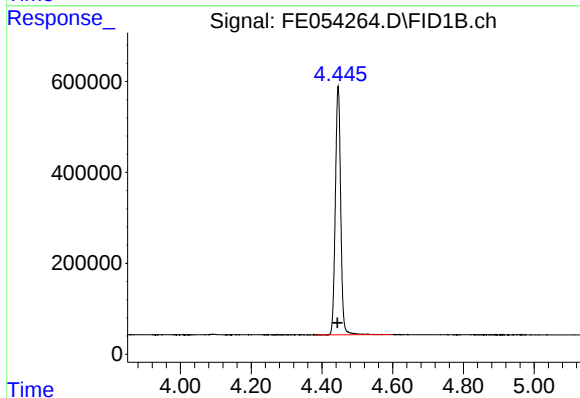




#1 n-Nonane (C9)

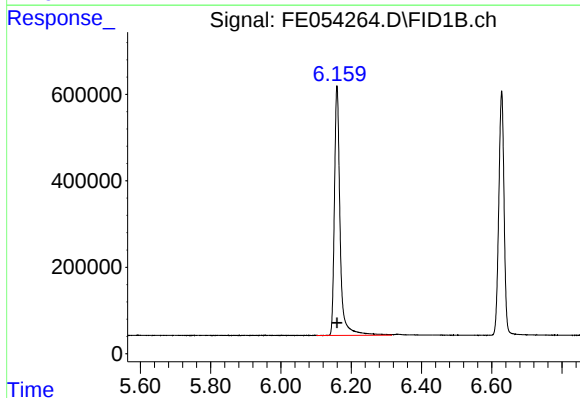
R.T.: 3.182 min
Delta R.T.: 0.000 min
Response: 5720205
Conc: 46.57 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



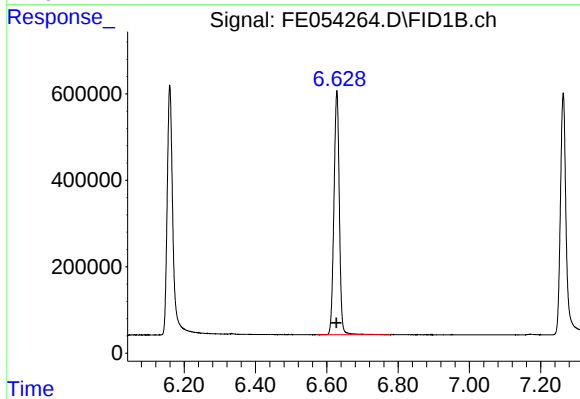
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: 0.001 min
Response: 5761474
Conc: 46.73 ug/ml



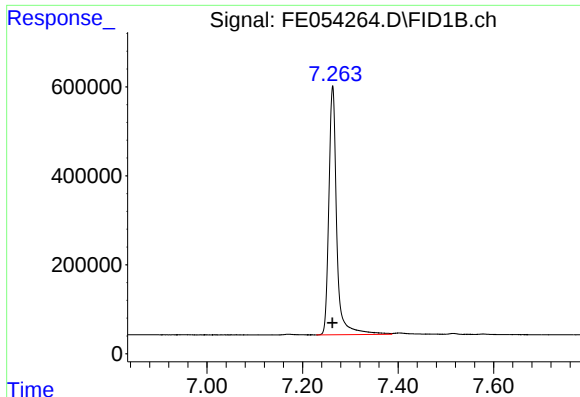
#3 A~Naphthalene (C11.7)

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 6465961
Conc: 48.67 ug/ml



#4 n-Dodecane (C12)

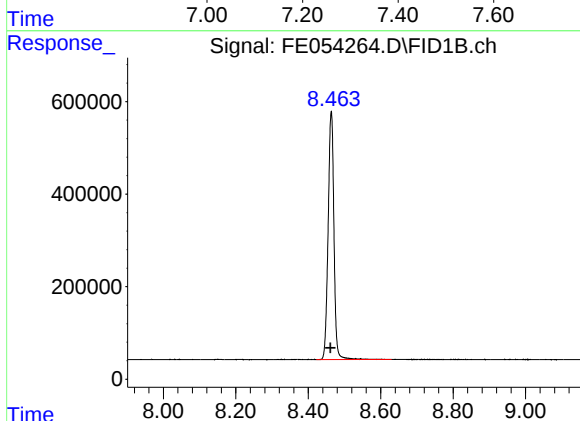
R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 5912351
Conc: 46.69 ug/ml



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

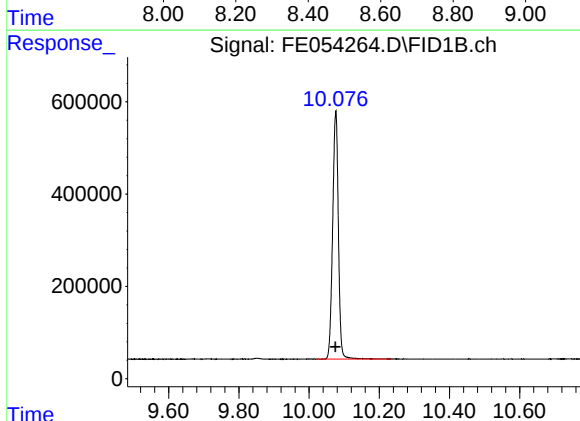
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 6389306
Conc: 48.42 ug/ml

Instrument :
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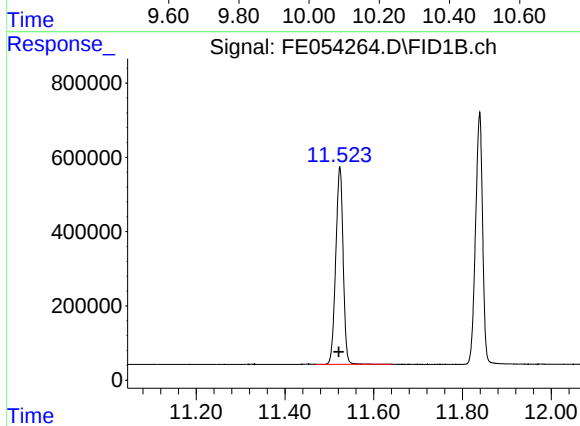
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 5960244
Conc: 46.64 ug/ml



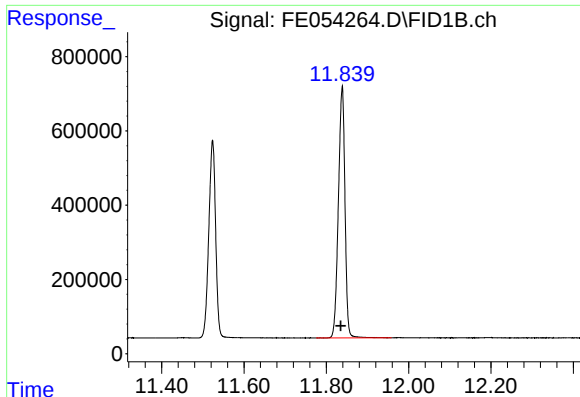
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: 0.001 min
Response: 6073108
Conc: 46.36 ug/ml



#8 n-Octadecane (C18)

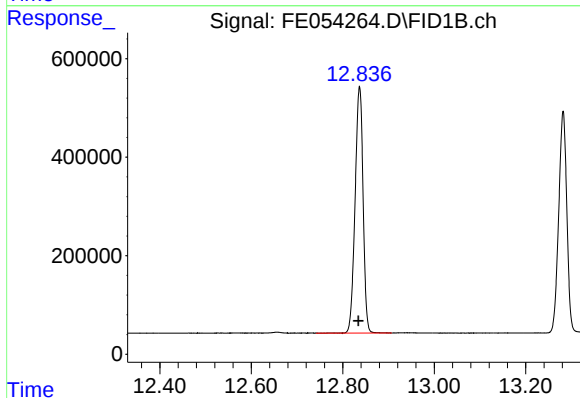
R.T.: 11.524 min
Delta R.T.: 0.003 min
Response: 6130197
Conc: 46.06 ug/ml



#9 ortho-Terphenyl (SURR)

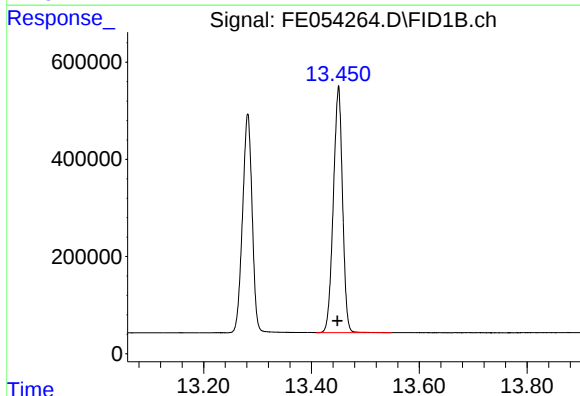
R.T.: 11.838 min
Delta R.T.: 0.003 min
Response: 7485416
Conc: 45.98 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



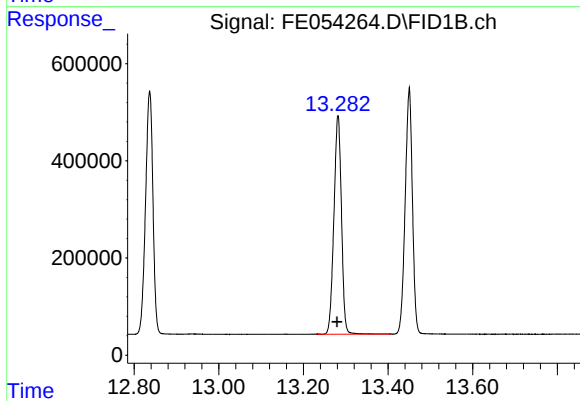
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.002 min
Response: 6049864
Conc: 45.91 ug/ml



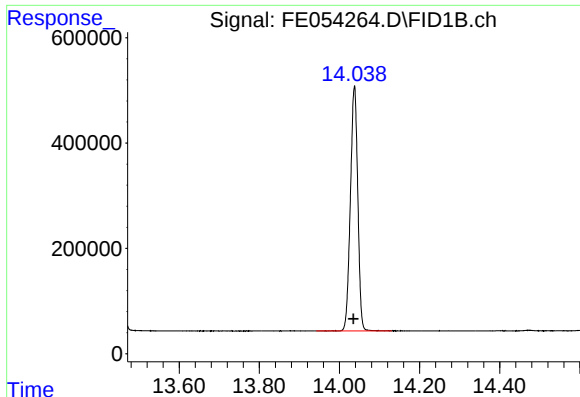
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: 0.002 min
Response: 6012672
Conc: 45.89 ug/ml



#12 1-chlorooctadecane (SURR)

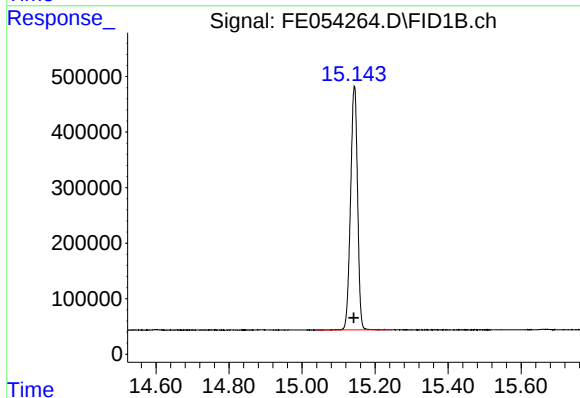
R.T.: 13.282 min
Delta R.T.: 0.002 min
Response: 5580848
Conc: 46.45 ug/ml



#13 n-Docosane (C22)

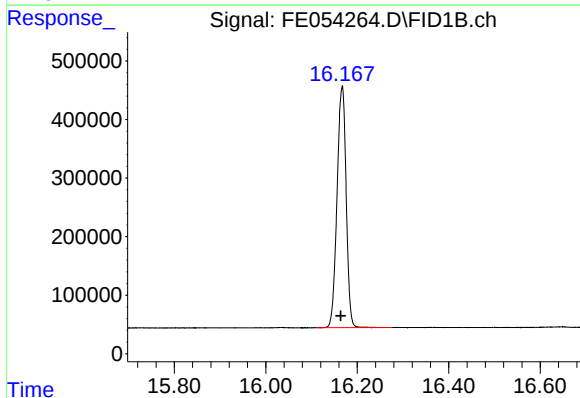
R.T.: 14.037 min
Delta R.T.: 0.002 min
Response: 5936179
Conc: 46.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



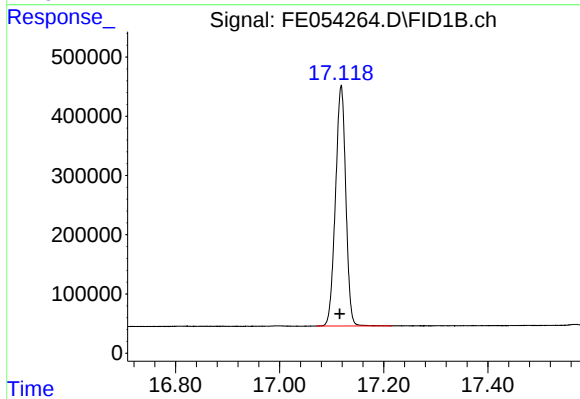
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: 0.002 min
Response: 5834261
Conc: 45.94 ug/ml



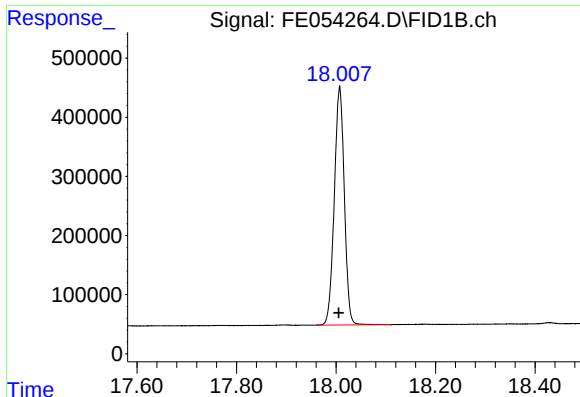
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 5700392
Conc: 46.12 ug/ml



#16 n-Octacosane (C28)

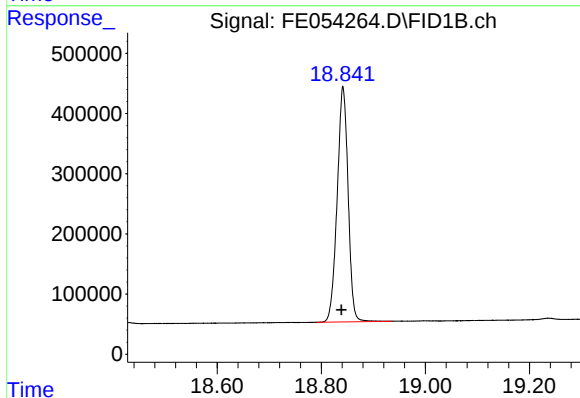
R.T.: 17.118 min
Delta R.T.: 0.003 min
Response: 5579544
Conc: 46.23 ug/ml



#17 n-Tricontane (C30)

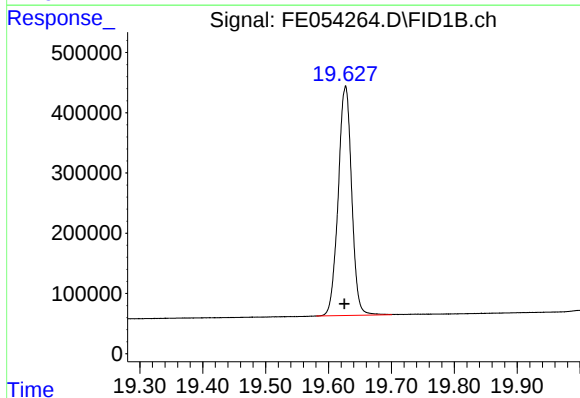
R.T.: 18.007 min
Delta R.T.: 0.002 min
Response: 5638487
Conc: 46.40 ug/ml

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50 PPM ALIPHATIC HC STD2



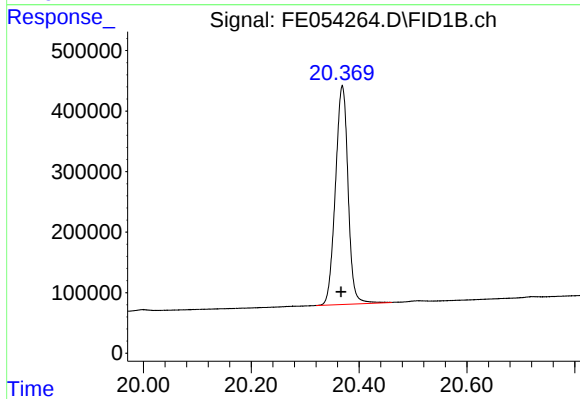
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: 0.003 min
Response: 5697628
Conc: 46.29 ug/ml



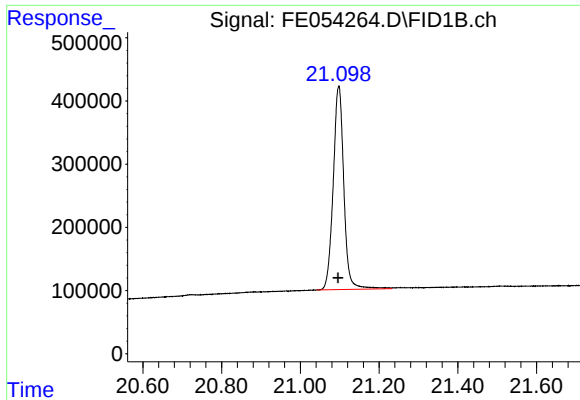
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: 0.002 min
Response: 5659481
Conc: 46.22 ug/ml



#20 n-Hexatriacontane (C36)

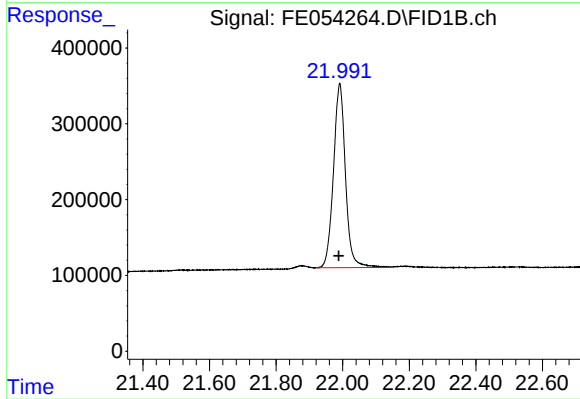
R.T.: 20.369 min
Delta R.T.: 0.003 min
Response: 5889120
Conc: 46.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: 0.002 min
Response: 6048842
Conc: 46.21 ug/ml

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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.003 min
Response: 6086352
Conc: 45.73 ug/ml