

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047750.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 06:05
 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: Apr 24 09:07:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.975	3703041	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
12) S 1-chlorooctadecane (S...	13.410	2875606	21.381 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
Target Compounds			
1) T n-Nonane (C9)	3.354	3245336	20.744 ug/ml
2) T n-Decane (C10)	4.607	3370584	20.972 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3549185	20.932 ug/ml
4) T n-Dodecane (C12)	6.773	3397980	20.935 ug/ml
5) T A~2-methylnaphthalene...	7.411	3430226	20.888 ug/ml
6) T n-Tetradecane (C14)	8.602	3395379	21.106 ug/ml
7) T n-Hexadecane (C16)	10.210	3529189	21.250 ug/ml
8) T n-Octadecane (C18)	11.654	3585973	21.383 ug/ml
10) T n-Eicosane (C20)	12.963	3459612	21.355 ug/ml
11) T n-Heneicosane (C21)	13.575	3394177	21.391 ug/ml
13) T n-Docosane (C22)	14.161	3434779	21.403 ug/ml
14) T n-Tetracosane (C24)	15.265	3510234	21.266 ug/ml
15) T n-Hexacosane (C26)	16.285	3541295	21.424 ug/ml
16) T n-Octacosane (C28)	17.234	3638151	21.954 ug/ml
17) T n-Tricontane (C30)	18.121	3905657	23.005 ug/ml
18) T n-Dotriacontane (C32)	18.953	3931745	23.579 ug/ml
19) T n-Tetratriacontane (C34)	19.738	3727865	23.243 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3584697	22.475 ug/ml
21) T n-Octatriacontane (C38)	21.222	3535682	21.755 ug/ml
22) T n-Tetracontane (C40)	22.151	3454962	21.102 ug/ml

(f)=RT Delta > 1/2 Window

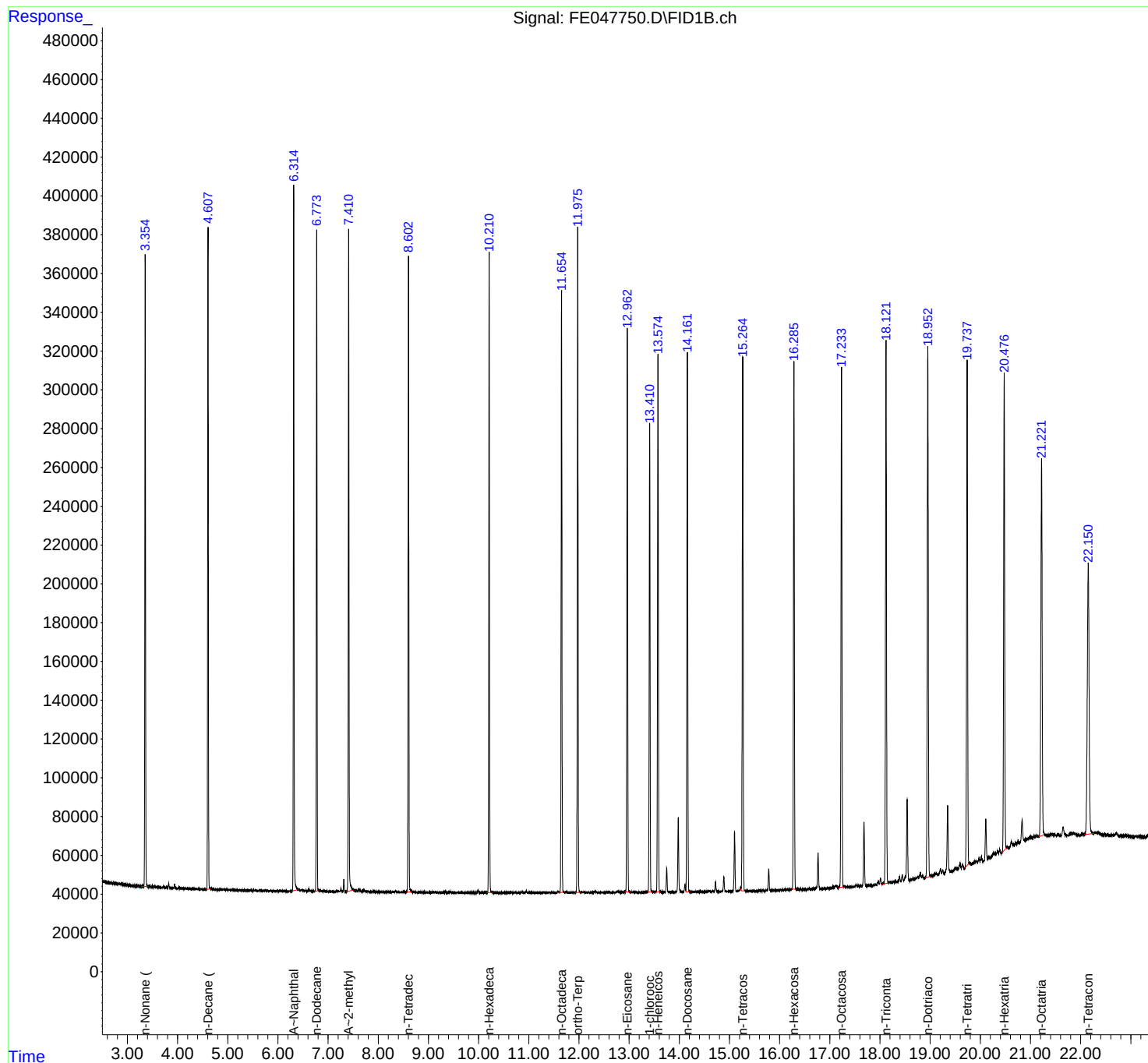
(m)=manual int.

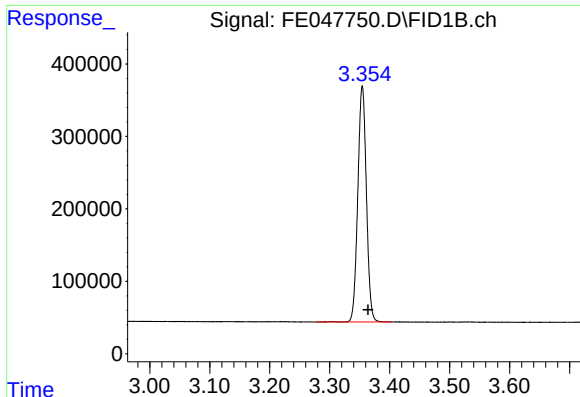
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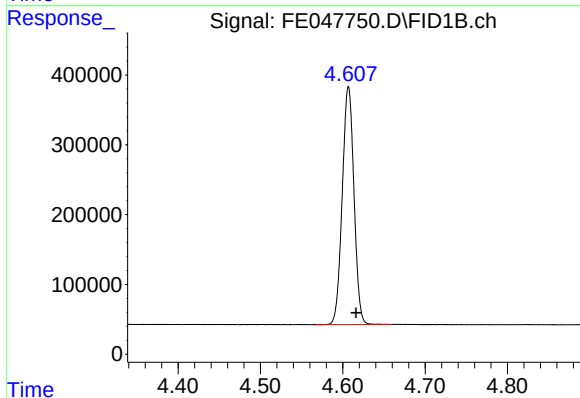




#1 n-Nonane (C9)

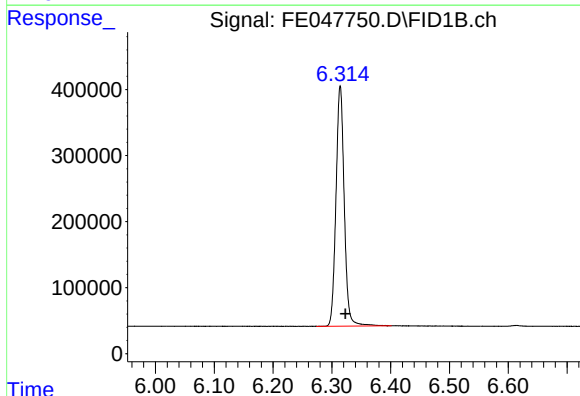
R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 3245336
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



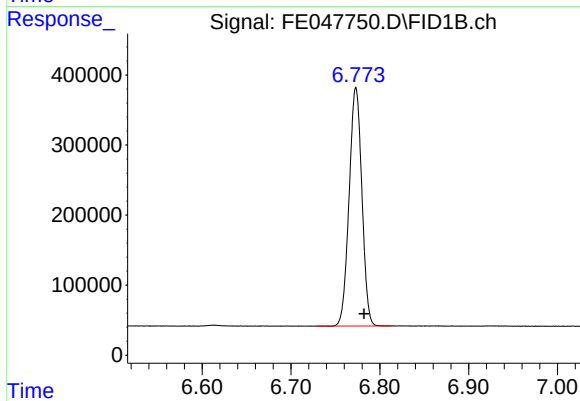
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.009 min
Response: 3370584
Conc: 20.97 ug/ml



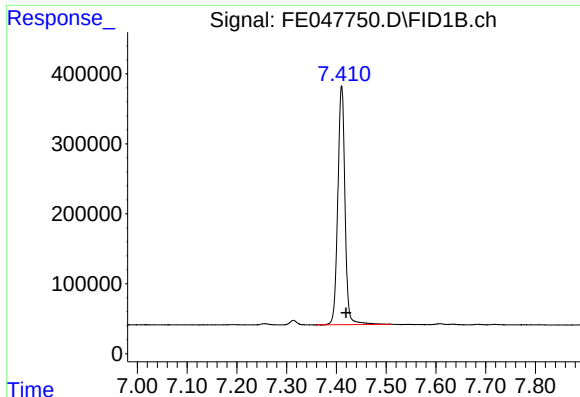
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.009 min
Response: 3549185
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

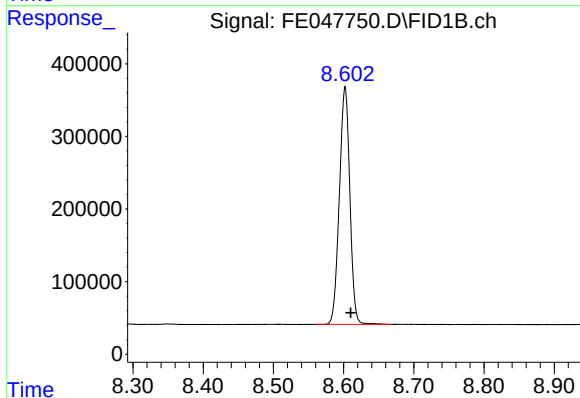
R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 3397980
Conc: 20.94 ug/ml



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

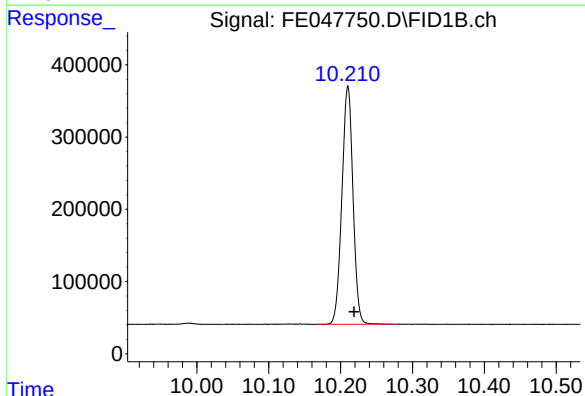
R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 3430226
Conc: 20.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



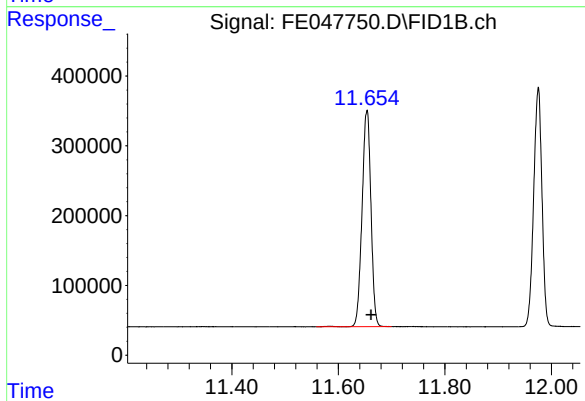
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.008 min
Response: 3395379
Conc: 21.11 ug/ml



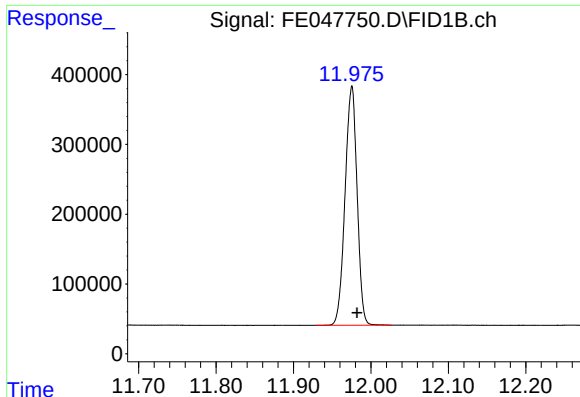
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.008 min
Response: 3529189
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

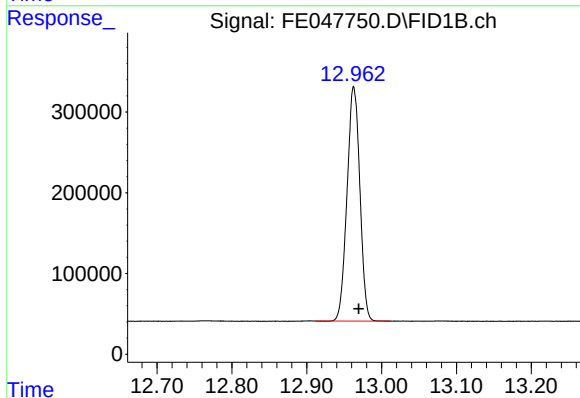
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 3585973
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

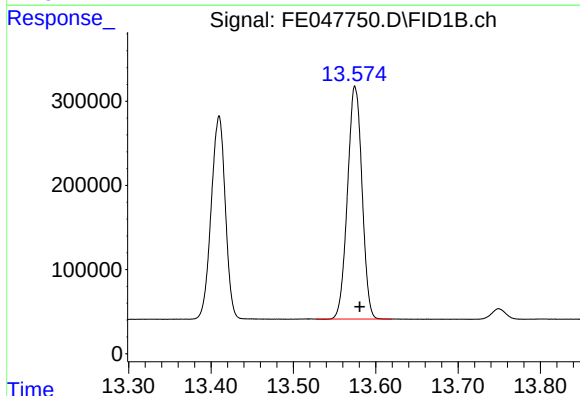
R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 3703041
Conc: 21.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



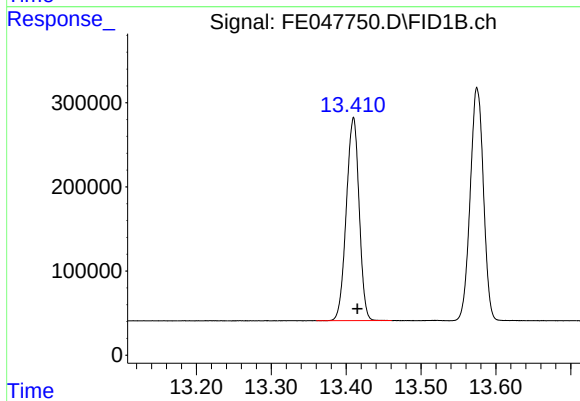
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 3459612
Conc: 21.36 ug/ml



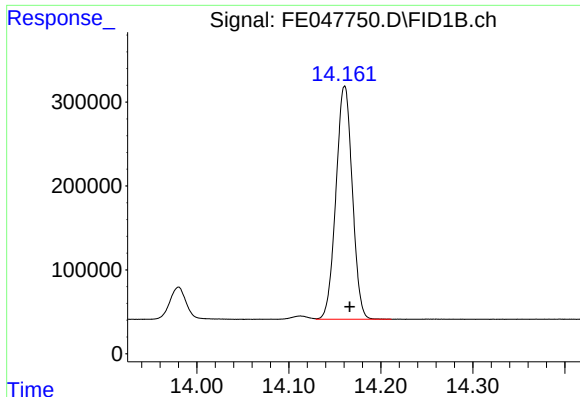
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.006 min
Response: 3394177
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

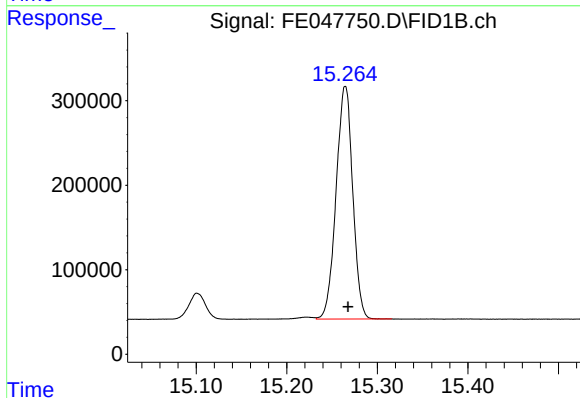
R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 2875606
Conc: 21.38 ug/ml



#13 n-Docosane (C22)

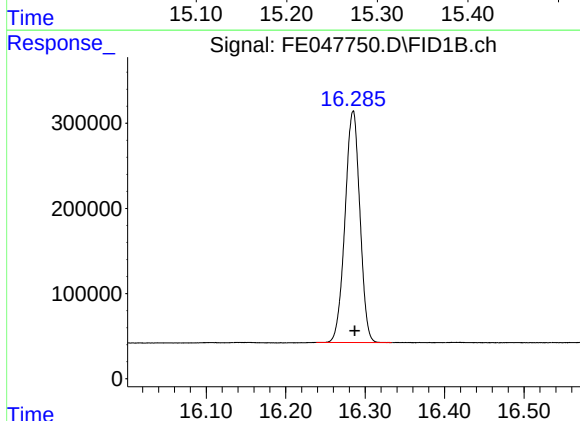
R.T.: 14.161 min
Delta R.T.: -0.006 min
Response: 3434779
Conc: 21.40 ug/ml

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20 PPM ALIPHATIC HC STD



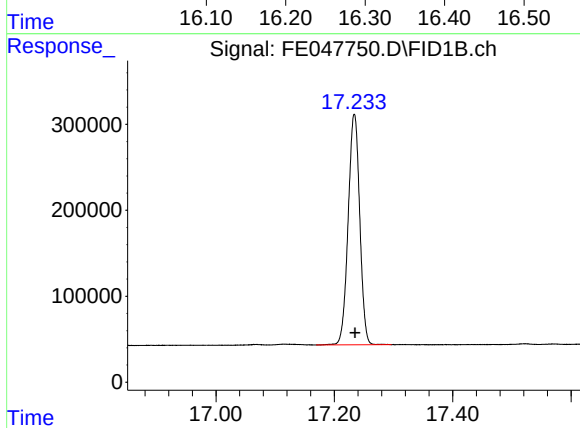
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.003 min
Response: 3510234
Conc: 21.27 ug/ml



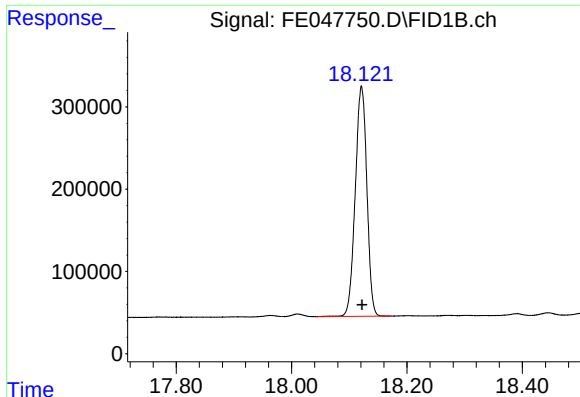
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 3541295
Conc: 21.42 ug/ml



#16 n-Octacosane (C28)

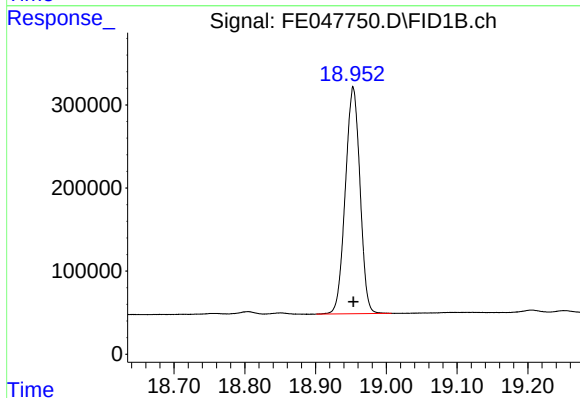
R.T.: 17.234 min
Delta R.T.: -0.001 min
Response: 3638151
Conc: 21.95 ug/ml



#17 n-Tricontane (C30)

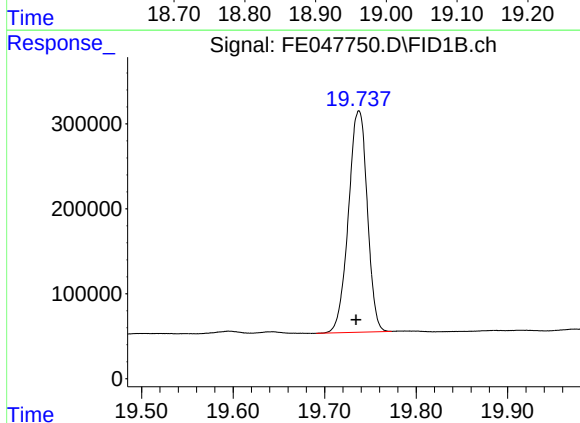
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 3905657
Conc: 23.00 ug/ml

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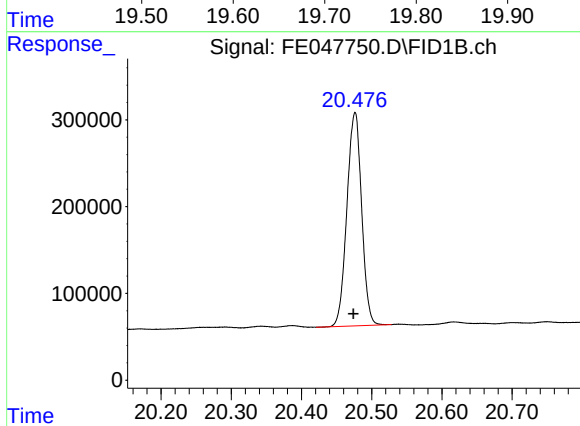
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 3931745
Conc: 23.58 ug/ml



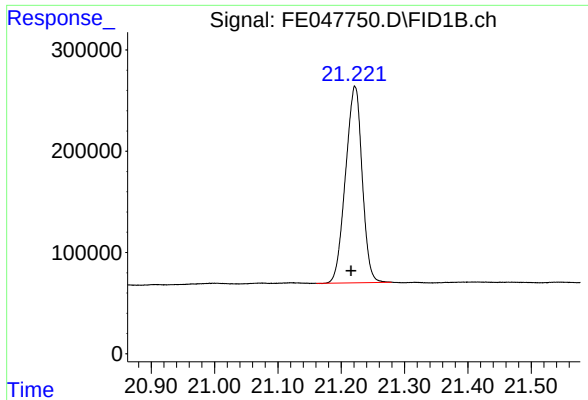
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.003 min
Response: 3727865
Conc: 23.24 ug/ml



#20 n-Hexatriacontane (C36)

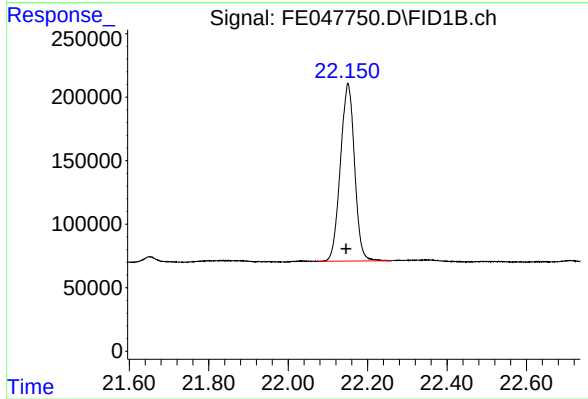
R.T.: 20.476 min
Delta R.T.: 0.003 min
Response: 3584697
Conc: 22.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.006 min
Response: 3535682
Conc: 21.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 3454962
Conc: 21.10 ug/ml