

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102224AL\
 Data File : FE050760.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2024 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 01:31:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.862	2653015	16.828 ug/ml
Spiked Amount 50.000		Recovery =	33.66%
12) S 1-chlorooctadecane (S...	13.296	2019246	17.070 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T n-Nonane (C9)	3.250	2261046	16.003 ug/ml
2) T n-Decane (C10)	4.500	2386092	16.631 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2356371	16.479 ug/ml
4) T n-Dodecane (C12)	6.668	2405247	16.711 ug/ml
5) T A~2-methylnaphthalene...	7.309	2225935	16.802 ug/ml
6) T n-Tetradecane (C14)	8.495	2401668	16.787 ug/ml
7) T n-Hexadecane (C16)	10.101	2495718	16.958 ug/ml
8) T n-Octadecane (C18)	11.542	2528972	16.931 ug/ml
10) T n-Eicosane (C20)	12.851	2431313	16.955 ug/ml
11) T n-Heneicosane (C21)	13.461	2370336	16.879 ug/ml
13) T n-Docosane (C22)	14.047	2394632	17.069 ug/ml
14) T n-Tetracosane (C24)	15.149	2458216	17.400 ug/ml
15) T n-Hexacosane (C26)	16.168	2494128	17.724 ug/ml
16) T n-Octacosane (C28)	17.117	2636624	18.018 ug/ml
17) T n-Tricontane (C30)	18.004	2998124	18.856 ug/ml
18) T n-Dotriacontane (C32)	18.835	3144288	19.396 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2820717	19.203 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2359326	18.605 ug/ml
21) T n-Octatriacontane (C38)	21.084	2097970	16.967 ug/ml
22) T n-Tetracontane (C40)	21.971	1734504	15.577 ug/ml

(f)=RT Delta > 1/2 Window

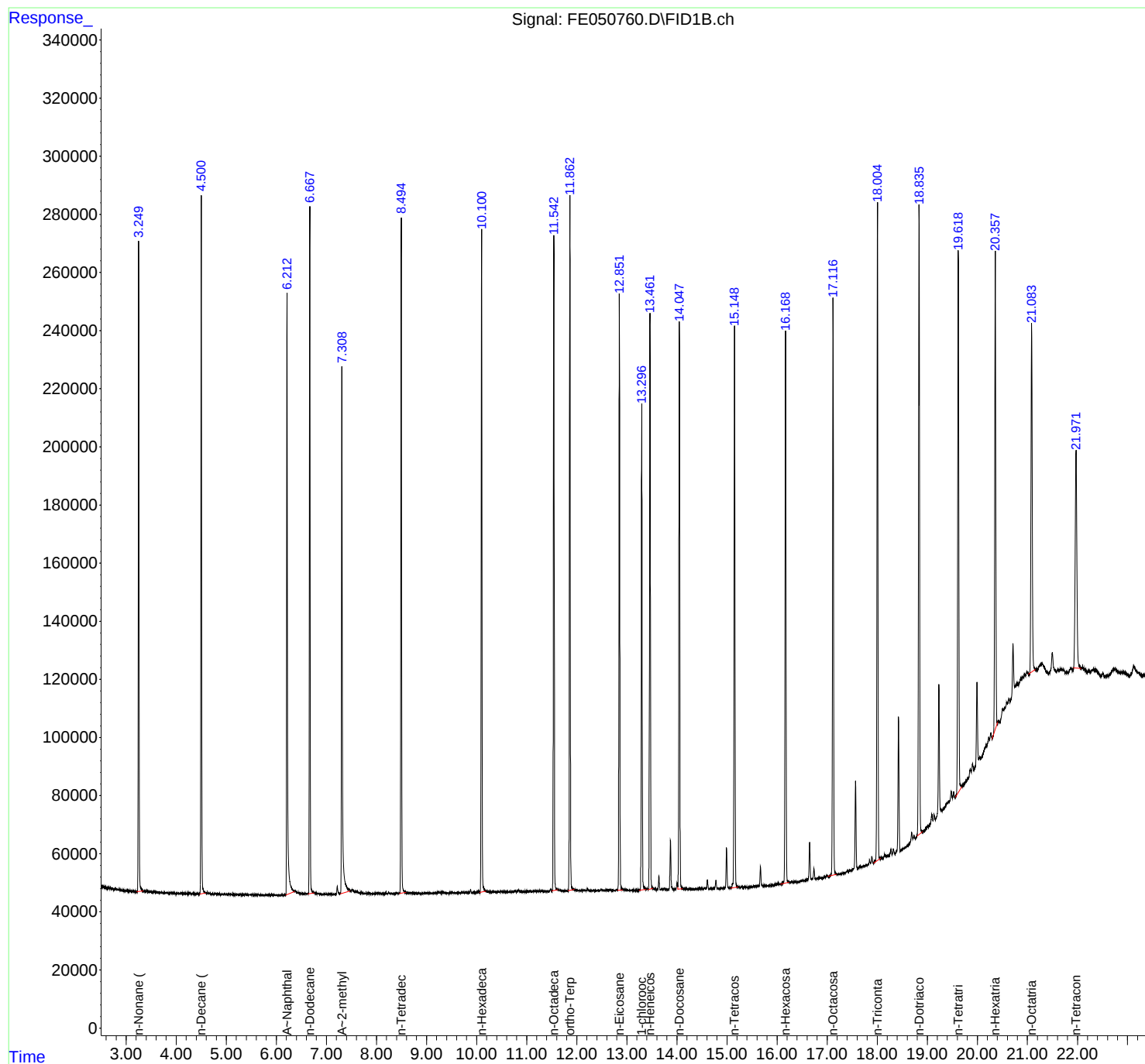
(m)=manual int.

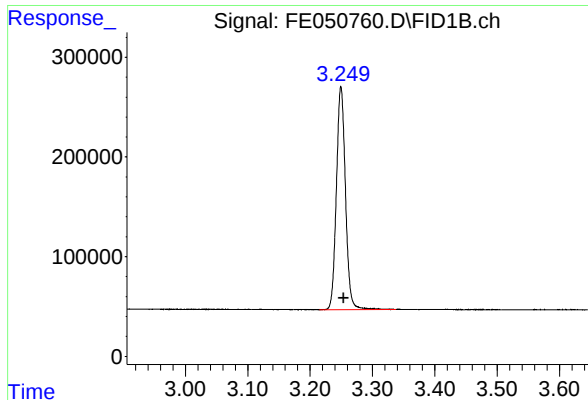
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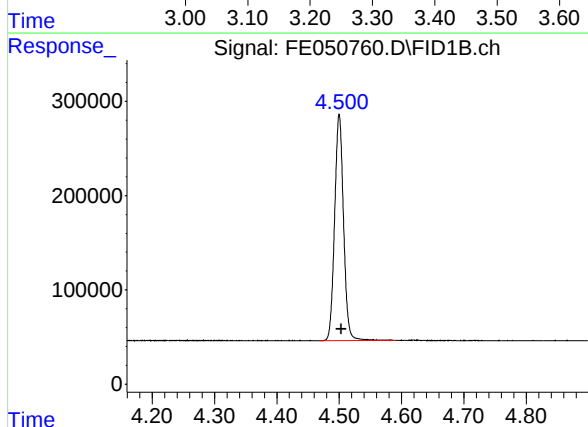




#1 n-Nonane (C9)

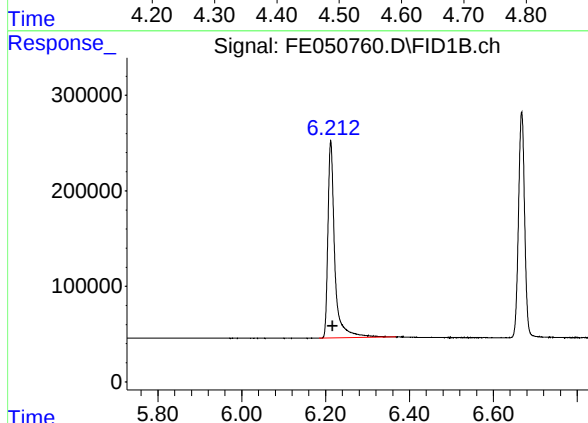
R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 2261046
Conc: 16.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



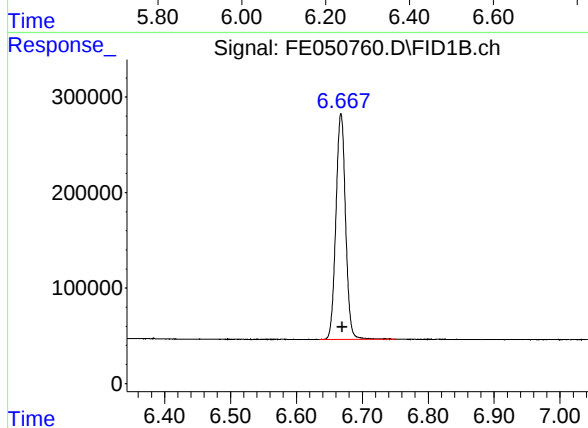
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 2386092
Conc: 16.63 ug/ml



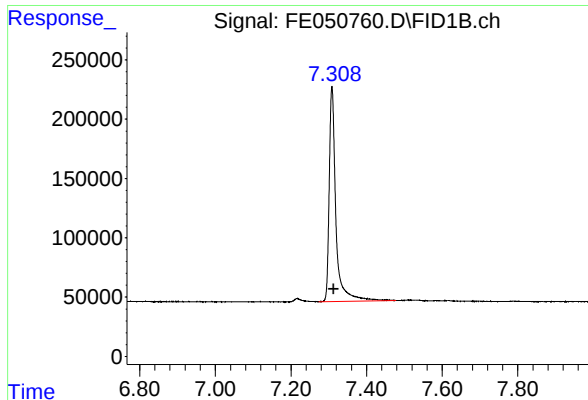
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.004 min
Response: 2356371
Conc: 16.48 ug/ml



#4 n-Dodecane (C12)

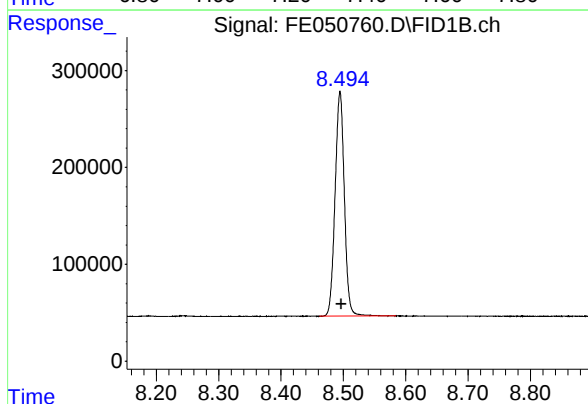
R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2405247
Conc: 16.71 ug/ml



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

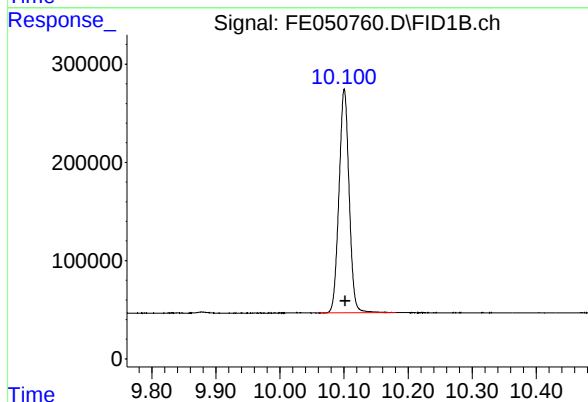
R.T.: 7.309 min
Delta R.T.: -0.004 min
Response: 2225935
Conc: 16.80 ug/ml

Instrument :
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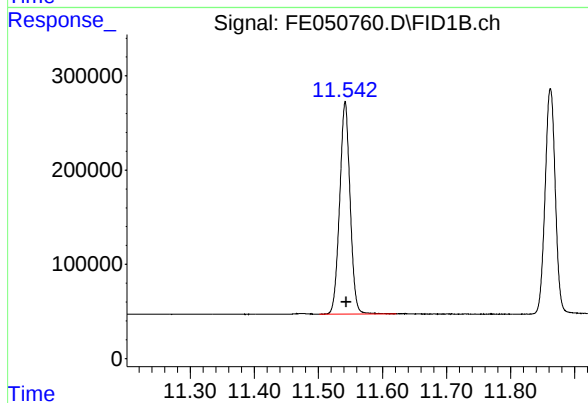
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 2401668
Conc: 16.79 ug/ml



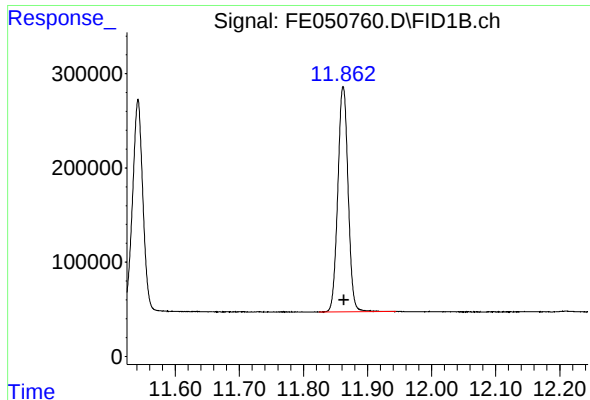
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.002 min
Response: 2495718
Conc: 16.96 ug/ml



#8 n-Octadecane (C18)

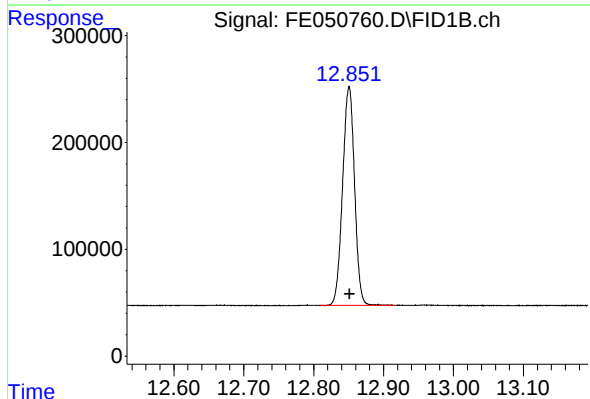
R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 2528972
Conc: 16.93 ug/ml



#9 ortho-Terphenyl (SURR)

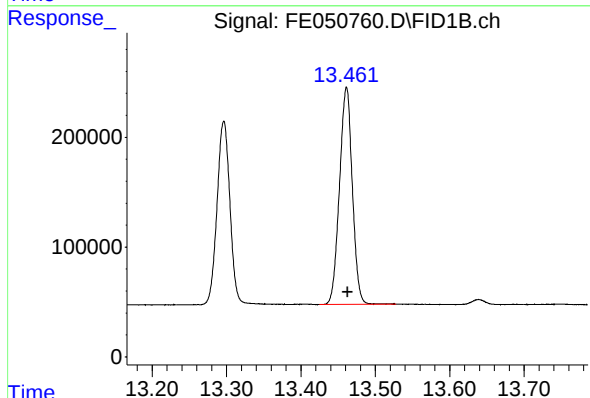
R.T.: 11.862 min
Delta R.T.: -0.001 min
Response: 2653015
Conc: 16.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



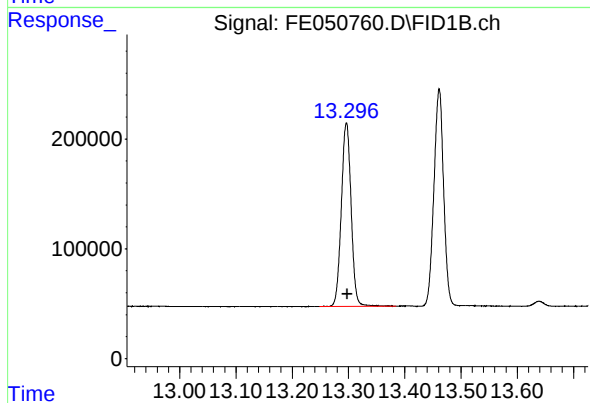
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.000 min
Response: 2431313
Conc: 16.95 ug/ml



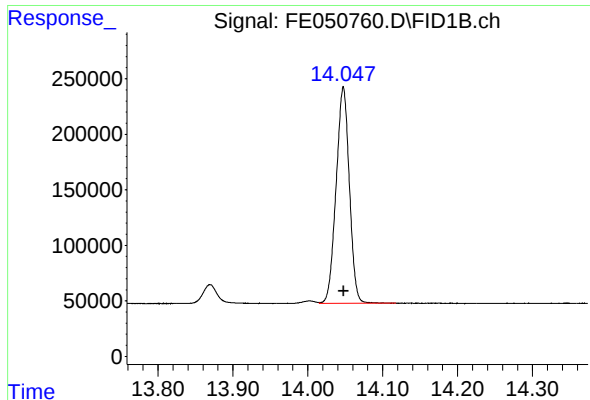
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 2370336
Conc: 16.88 ug/ml



#12 1-chlorooctadecane (SURR)

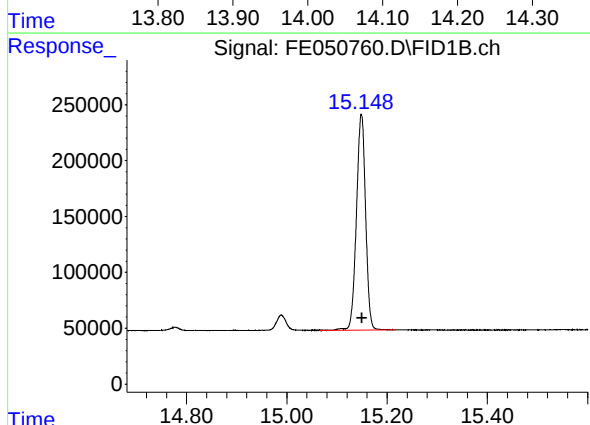
R.T.: 13.296 min
Delta R.T.: -0.001 min
Response: 2019246
Conc: 17.07 ug/ml



#13 n-Docosane (C22)

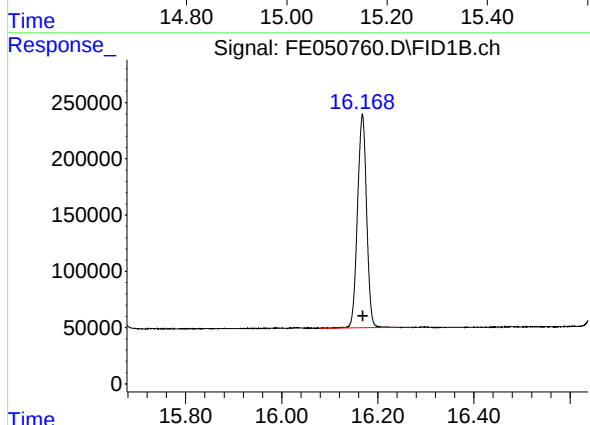
R.T.: 14.047 min
Delta R.T.: 0.000 min
Response: 2394632
Conc: 17.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



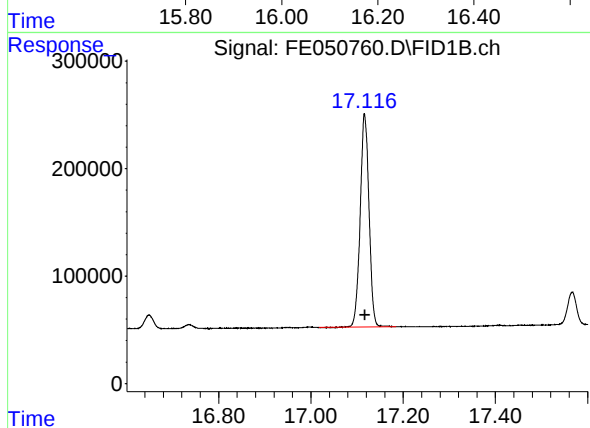
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.001 min
Response: 2458216
Conc: 17.40 ug/ml



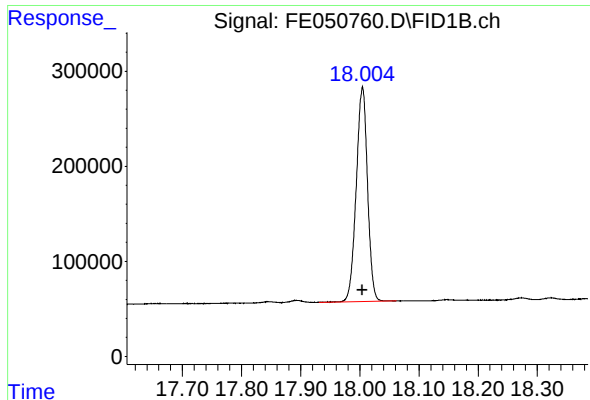
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 2494128
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

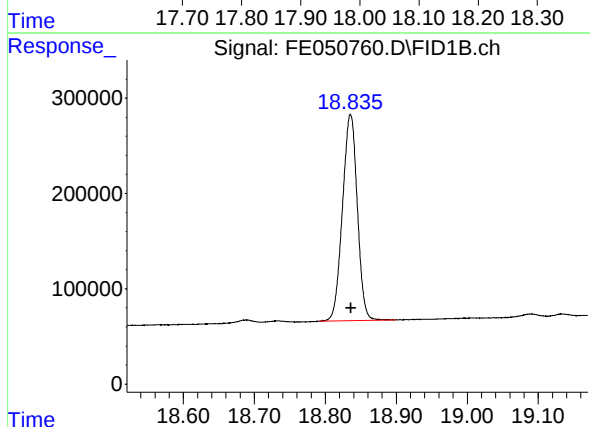
R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 2636624
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

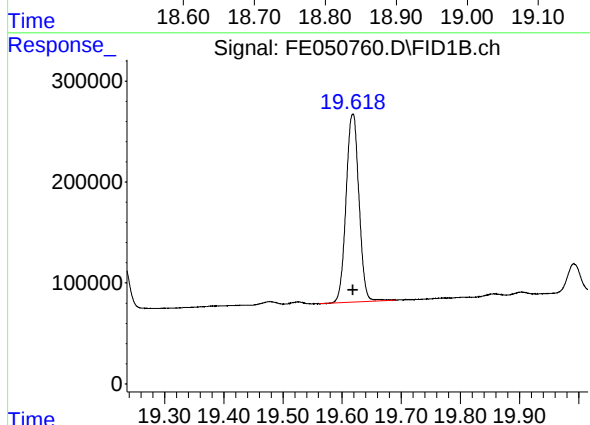
R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 2998124
Conc: 18.86 ug/ml

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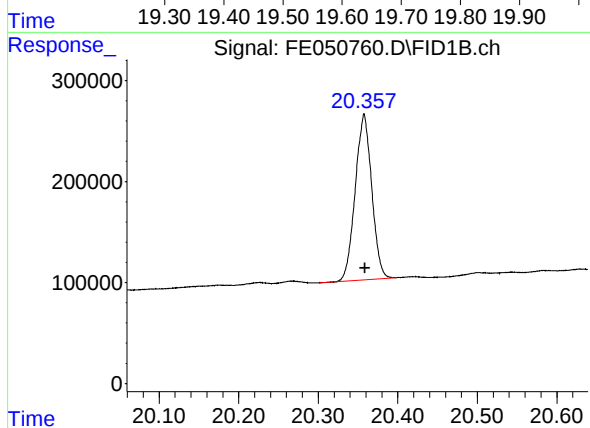
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 3144288
Conc: 19.40 ug/ml



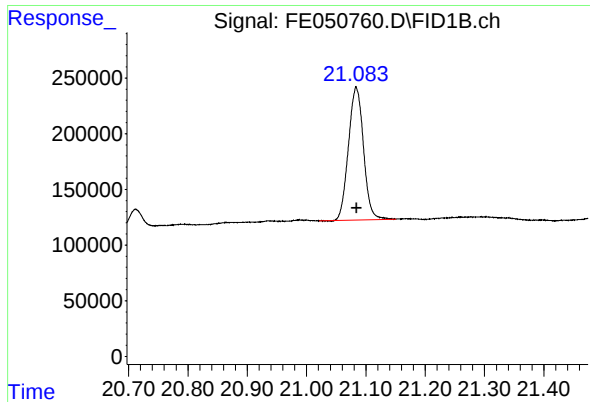
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 2820717
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

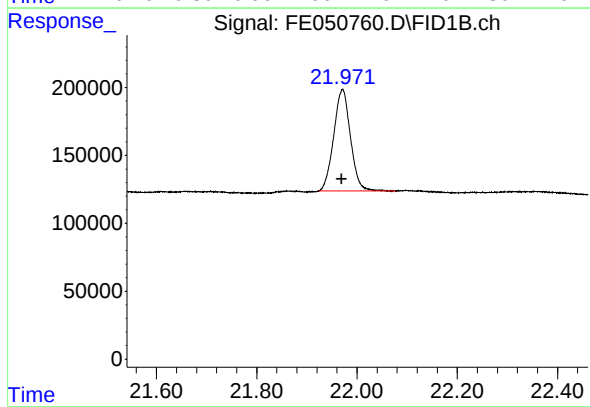
R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 2359326
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 2097970
Conc: 16.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.002 min
Response: 1734504
Conc: 15.58 ug/ml