

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050465.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 07:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 02 11:05:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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	2534002	17.032 ug/ml
Spiked Amount 50.000		Recovery =	34.06%
12) S 1-chlorooctadecane (S...	13.297	1907138	16.978 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
Target Compounds			
1) T n-Nonane (C9)	3.254	2234943	16.488 ug/ml
2) T n-Decane (C10)	4.503	2342348	16.972 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2357622	16.844 ug/ml
4) T n-Dodecane (C12)	6.670	2350540	16.998 ug/ml
5) T A~2-methylnaphthalene...	7.309	2190418	16.665 ug/ml
6) T n-Tetradecane (C14)	8.497	2317999	17.023 ug/ml
7) T n-Hexadecane (C16)	10.102	2416262	17.395 ug/ml
8) T n-Octadecane (C18)	11.543	2455237	17.525 ug/ml
10) T n-Eicosane (C20)	12.851	2354097	17.549 ug/ml
11) T n-Heneicosane (C21)	13.462	2318569	17.646 ug/ml
13) T n-Docosane (C22)	14.047	2316724	17.791 ug/ml
14) T n-Tetracosane (C24)	15.149	2361077	18.080 ug/ml
15) T n-Hexacosane (C26)	16.168	2351438	18.379 ug/ml
16) T n-Octacosane (C28)	17.117	2485826	19.299 ug/ml
17) T n-Tricontane (C30)	18.004	2759077	20.633 ug/ml
18) T n-Dotriacontane (C32)	18.835	2880397	21.615 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2819226	22.816 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2620607	23.620 ug/ml
21) T n-Octatriacontane (C38)	21.081	2491785	22.595 ug/ml
22) T n-Tetracontane (C40)	21.968	2249769	20.675 ug/ml

(f)=RT Delta > 1/2 Window

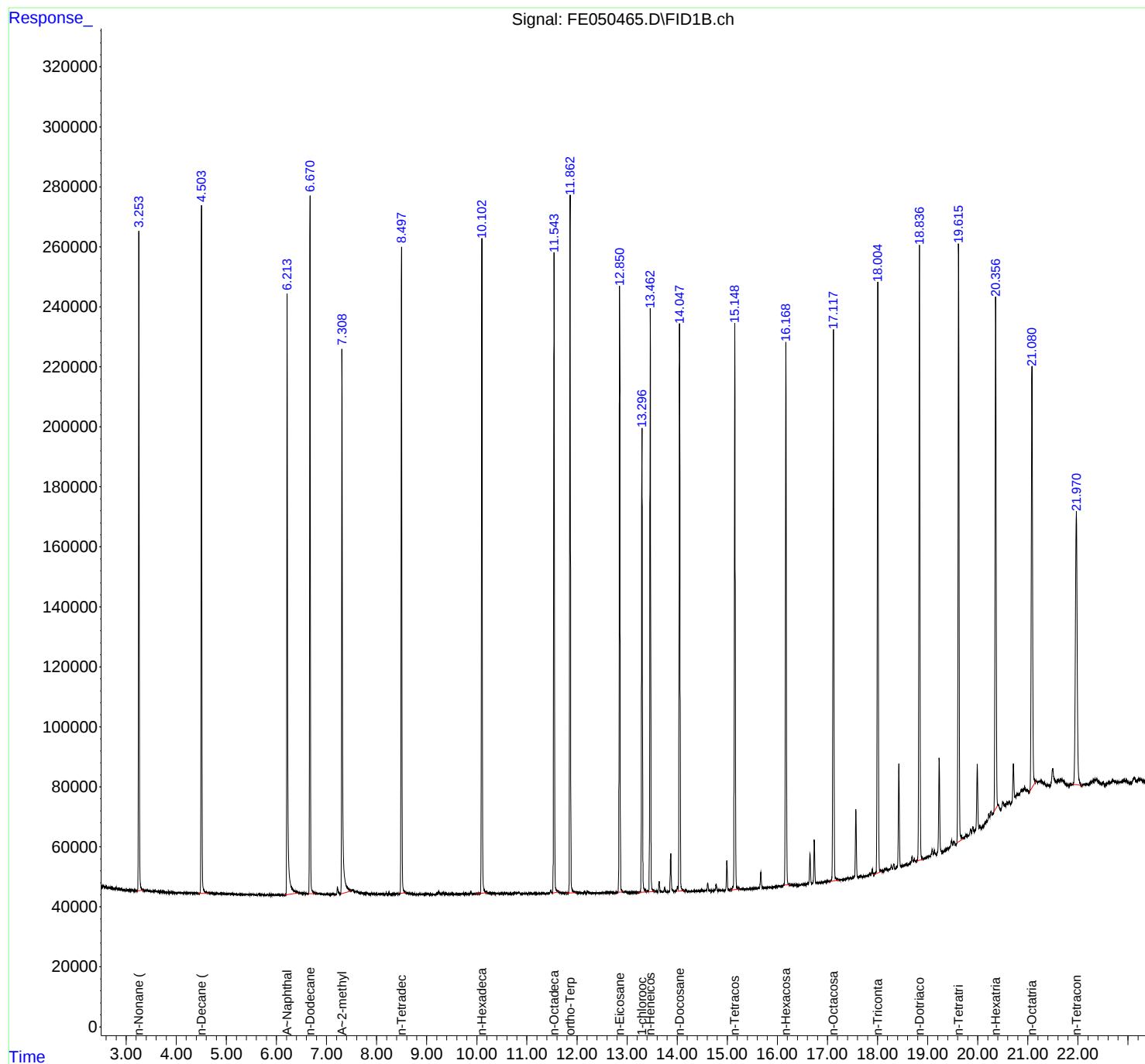
(m)=manual int.

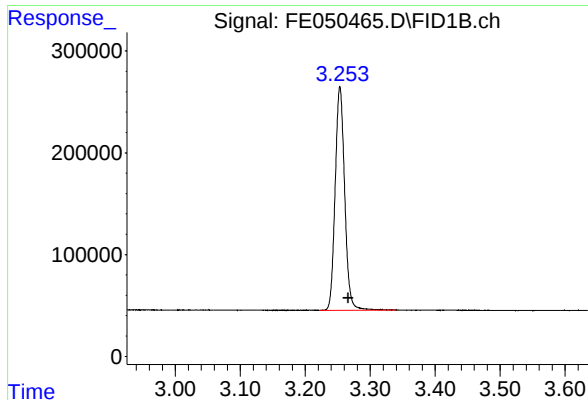
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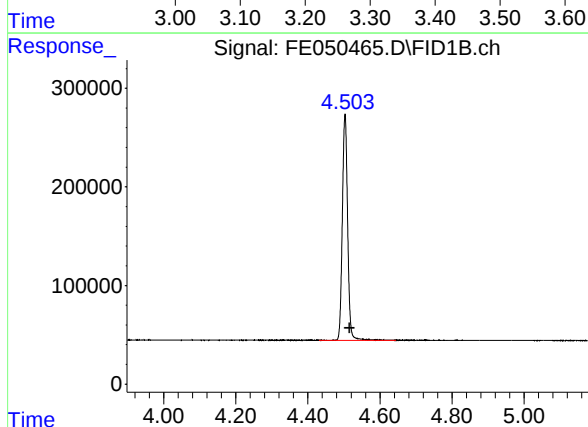




#1 n-Nonane (C9)

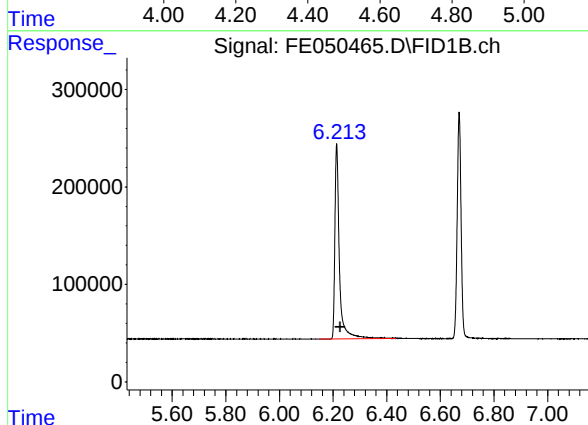
R.T.: 3.254 min
Delta R.T.: -0.012 min
Response: 2234943
Conc: 16.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



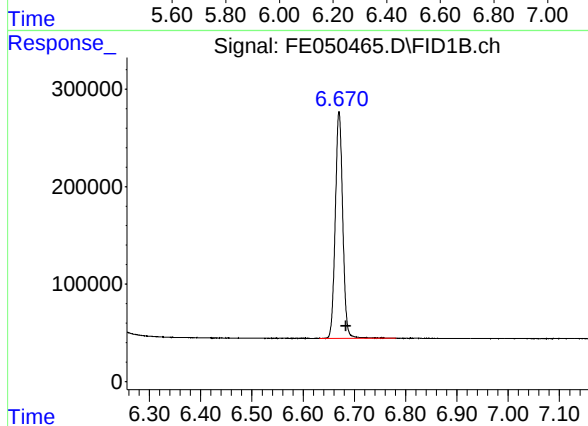
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.013 min
Response: 2342348
Conc: 16.97 ug/ml



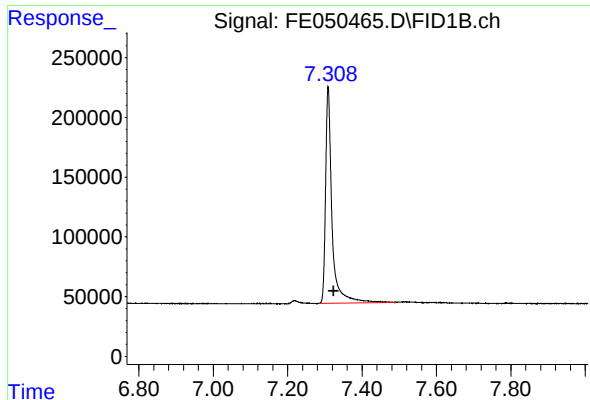
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.013 min
Response: 2357622
Conc: 16.84 ug/ml



#4 n-Dodecane (C12)

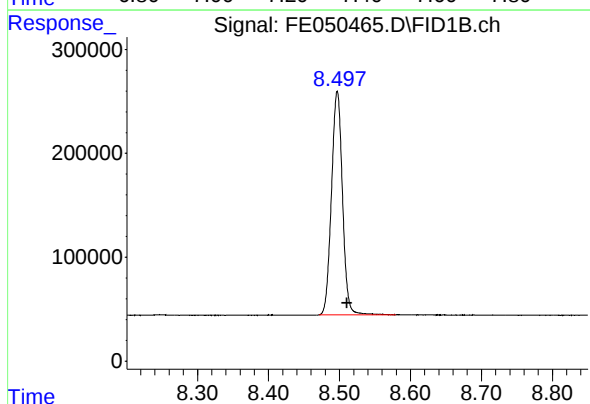
R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 2350540
Conc: 17.00 ug/ml



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

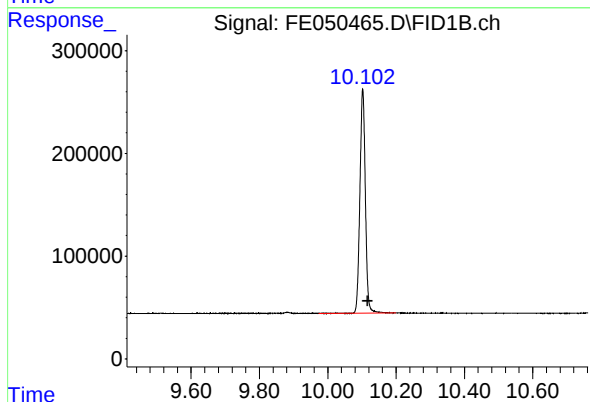
R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 2190418
Conc: 16.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



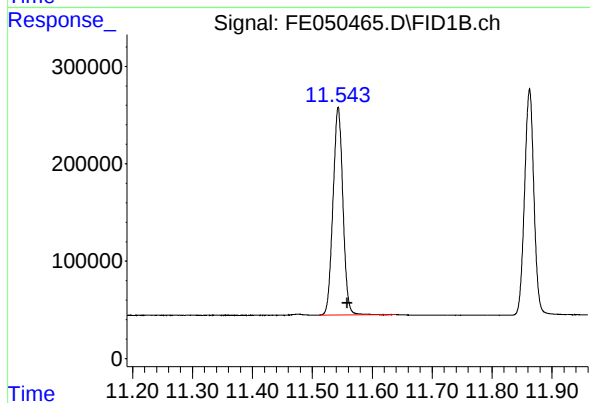
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 2317999
Conc: 17.02 ug/ml



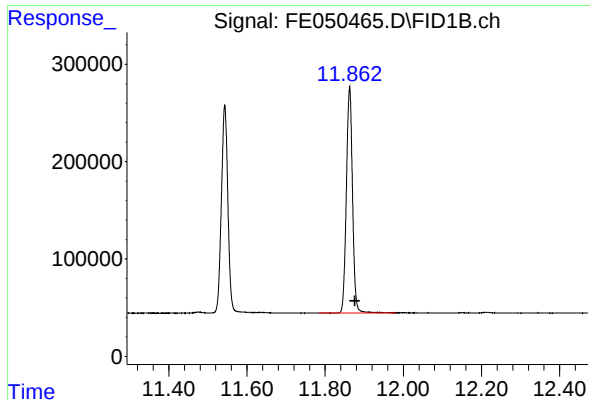
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.014 min
Response: 2416262
Conc: 17.40 ug/ml



#8 n-Octadecane (C18)

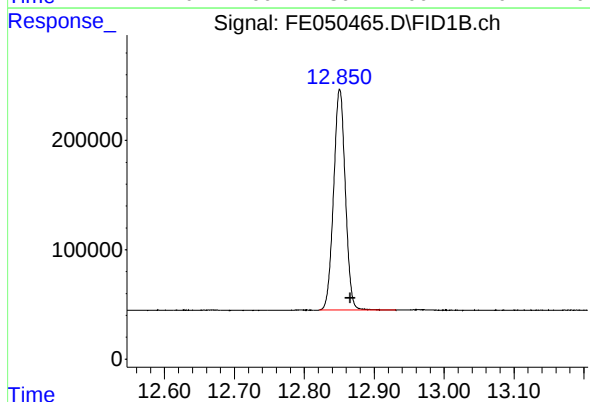
R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 2455237
Conc: 17.52 ug/ml



#9 ortho-Terphenyl (SURR)

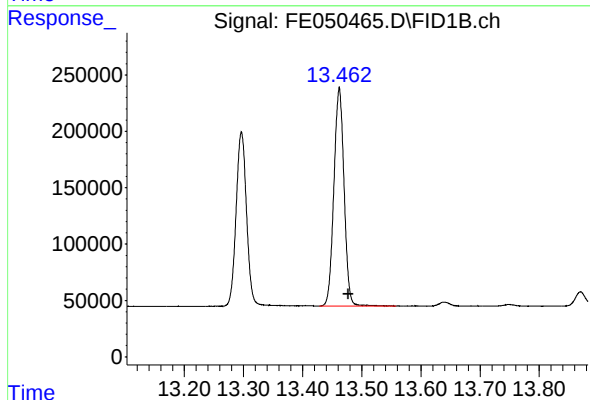
R.T.: 11.862 min
Delta R.T.: -0.014 min
Response: 2534002
Conc: 17.03 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



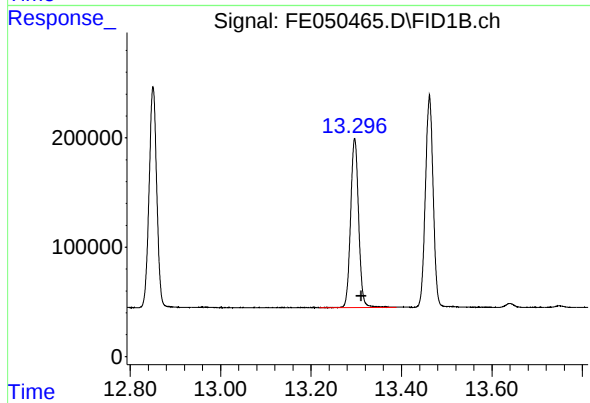
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.015 min
Response: 2354097
Conc: 17.55 ug/ml



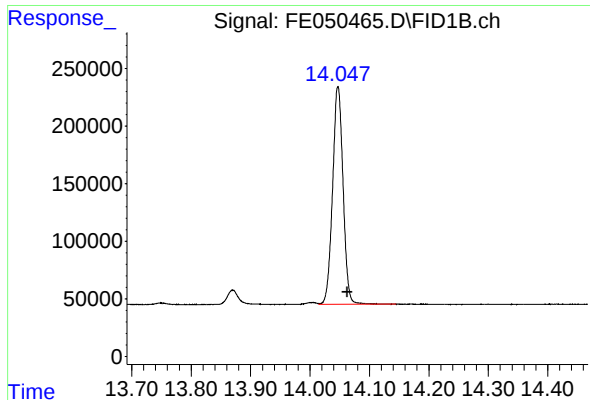
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.015 min
Response: 2318569
Conc: 17.65 ug/ml



#12 1-chlorooctadecane (SURR)

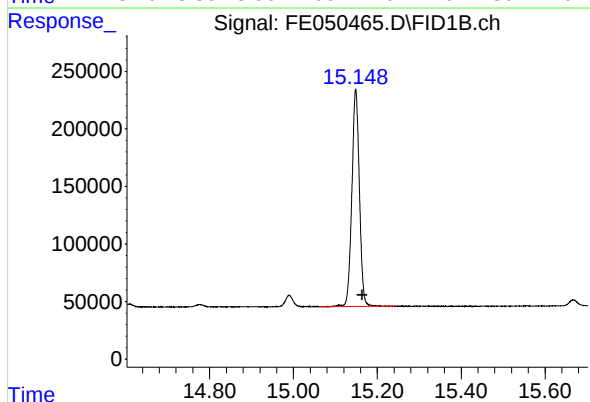
R.T.: 13.297 min
Delta R.T.: -0.015 min
Response: 1907138
Conc: 16.98 ug/ml



#13 n-Docosane (C22)

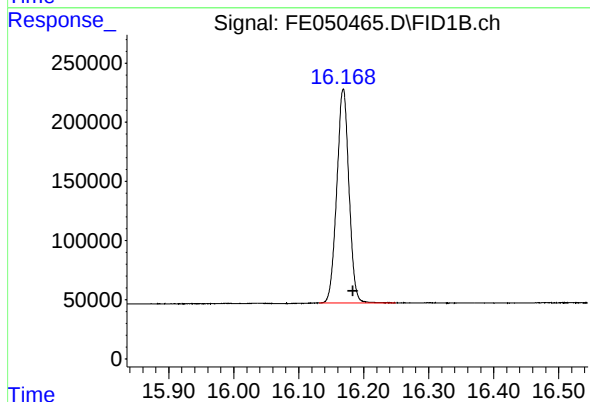
R.T.: 14.047 min
Delta R.T.: -0.016 min
Response: 2316724
Conc: 17.79 ug/ml

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20 PPM ALIPHATIC HC STD



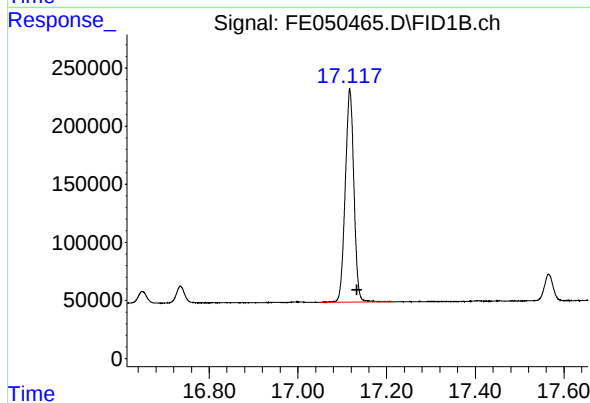
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 2361077
Conc: 18.08 ug/ml



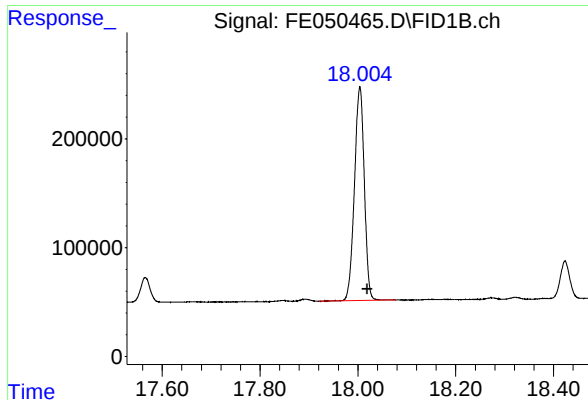
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.015 min
Response: 2351438
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

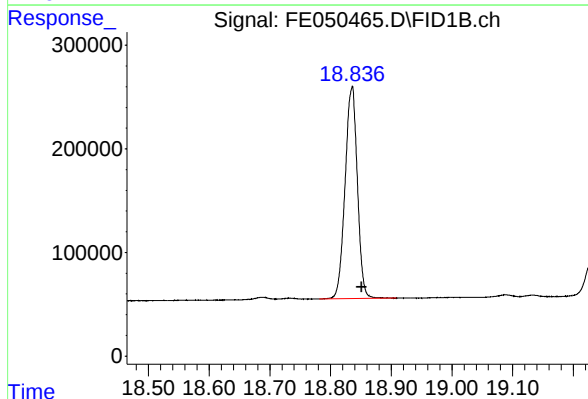
R.T.: 17.117 min
Delta R.T.: -0.016 min
Response: 2485826
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

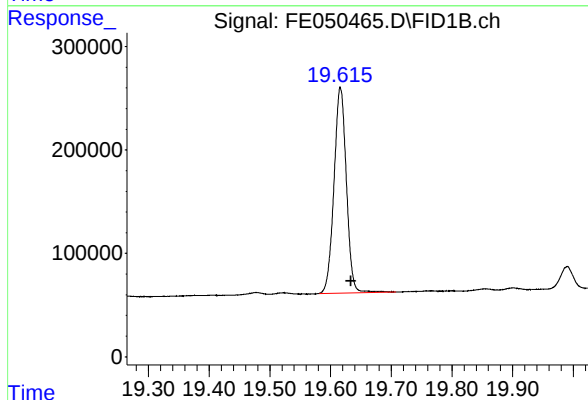
R.T.: 18.004 min
Delta R.T.: -0.016 min
Response: 2759077
Conc: 20.63 ug/ml

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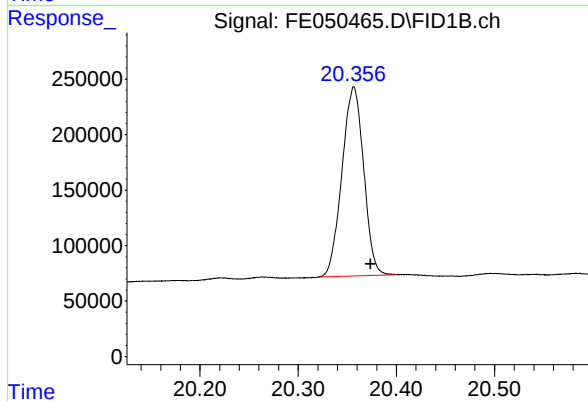
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.016 min
Response: 2880397
Conc: 21.62 ug/ml



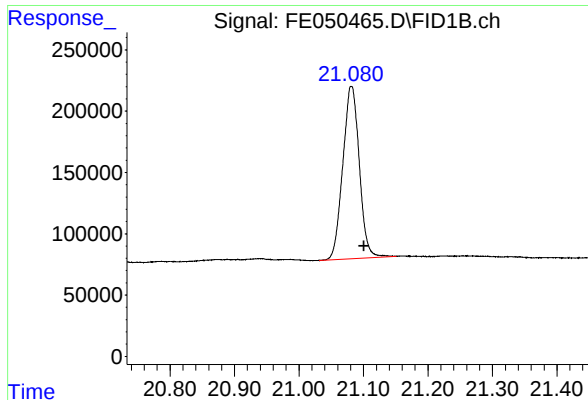
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.017 min
Response: 2819226
Conc: 22.82 ug/ml



#20 n-Hexatriacontane (C36)

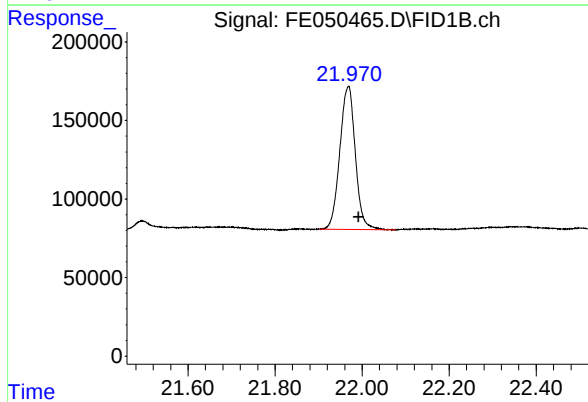
R.T.: 20.357 min
Delta R.T.: -0.017 min
Response: 2620607
Conc: 23.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.019 min
Response: 2491785
Conc: 22.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.024 min
Response: 2249769
Conc: 20.68 ug/ml