

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050469.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 13:05
 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 03 01:36:11 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)	11.863	2512881	16.890 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
12) S 1-chlorooctadecane (S...	13.297	1890861	16.834 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
Target Compounds			
1) T n-Nonane (C9)	3.253	2219048	16.371 ug/ml
2) T n-Decane (C10)	4.503	2313646	16.764 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2335324	16.685 ug/ml
4) T n-Dodecane (C12)	6.670	2314168	16.735 ug/ml
5) T A~2-methylnaphthalene...	7.309	2177502	16.567 ug/ml
6) T n-Tetradecane (C14)	8.497	2307528	16.946 ug/ml
7) T n-Hexadecane (C16)	10.102	2407039	17.329 ug/ml
8) T n-Octadecane (C18)	11.543	2441918	17.430 ug/ml
10) T n-Eicosane (C20)	12.850	2343148	17.467 ug/ml
11) T n-Heneicosane (C21)	13.462	2298943	17.496 ug/ml
13) T n-Docosane (C22)	14.048	2297552	17.644 ug/ml
14) T n-Tetracosane (C24)	15.148	2335651	17.885 ug/ml
15) T n-Hexacosane (C26)	16.169	2326154	18.182 ug/ml
16) T n-Octacosane (C28)	17.117	2457542	19.079 ug/ml
17) T n-Tricontane (C30)	18.003	2730712	20.421 ug/ml
18) T n-Dotriacontane (C32)	18.834	2853838	21.416 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2780976	22.507 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2586701	23.314 ug/ml
21) T n-Octatriacontane (C38)	21.081	2478011	22.470 ug/ml
22) T n-Tetracontane (C40)	21.966	2217293	20.377 ug/ml

(f)=RT Delta > 1/2 Window

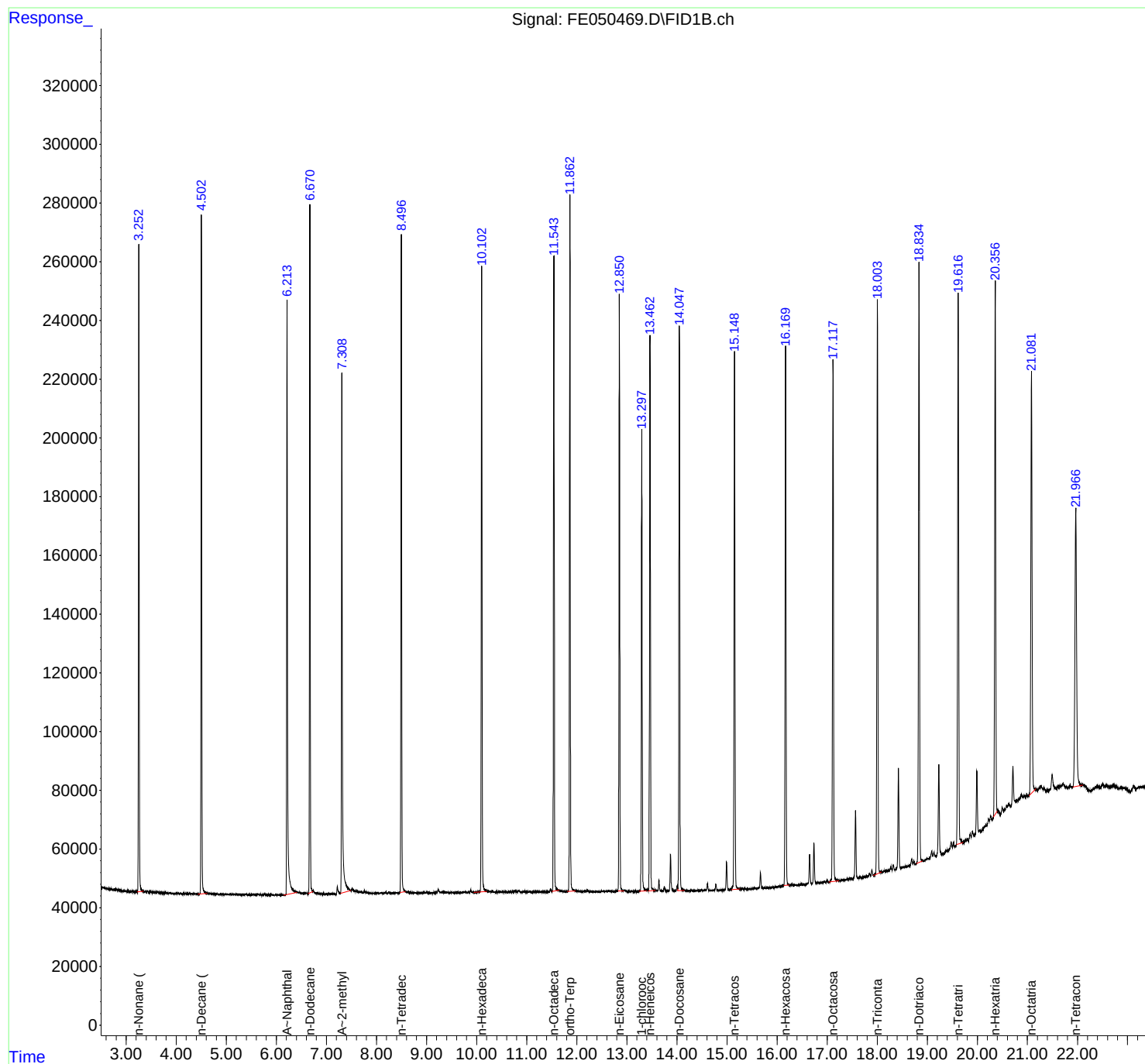
(m)=manual int.

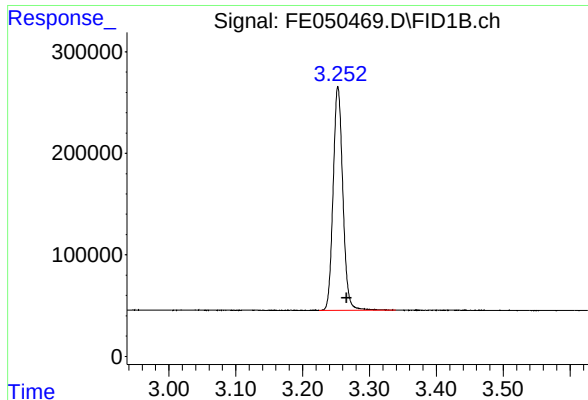
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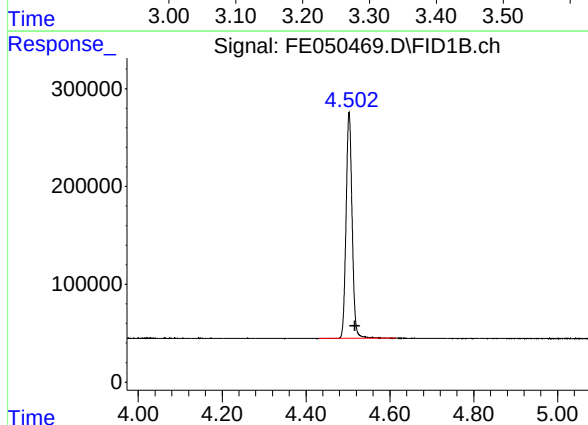




#1 n-Nonane (C9)

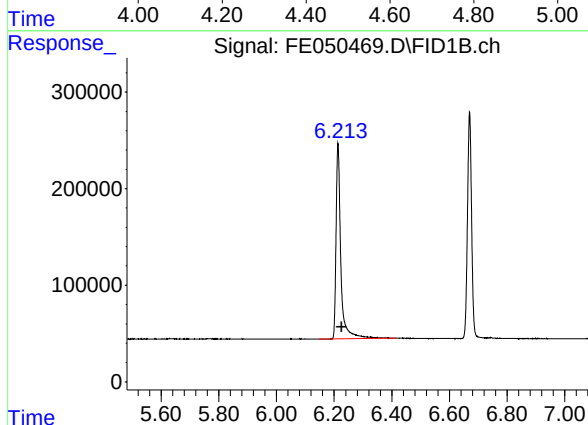
R.T.: 3.253 min
Delta R.T.: -0.013 min
Response: 2219048
Conc: 16.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



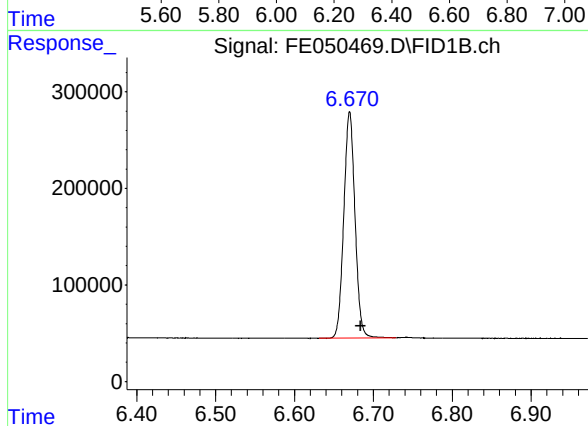
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.014 min
Response: 2313646
Conc: 16.76 ug/ml



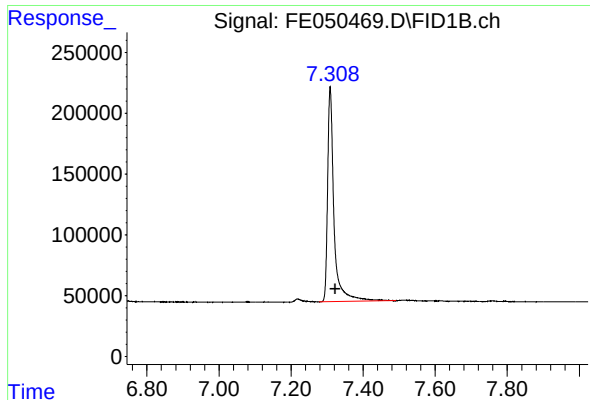
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.013 min
Response: 2335324
Conc: 16.68 ug/ml



#4 n-Dodecane (C12)

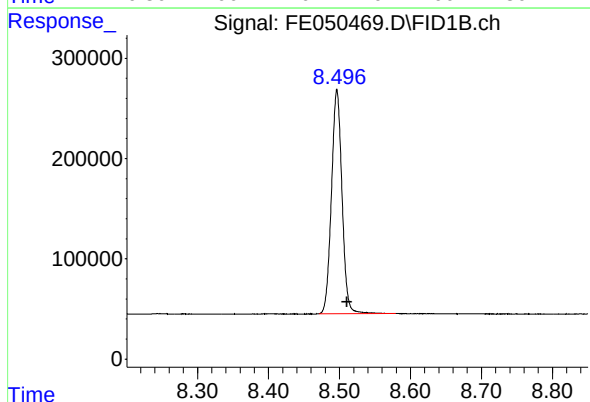
R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 2314168
Conc: 16.73 ug/ml



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

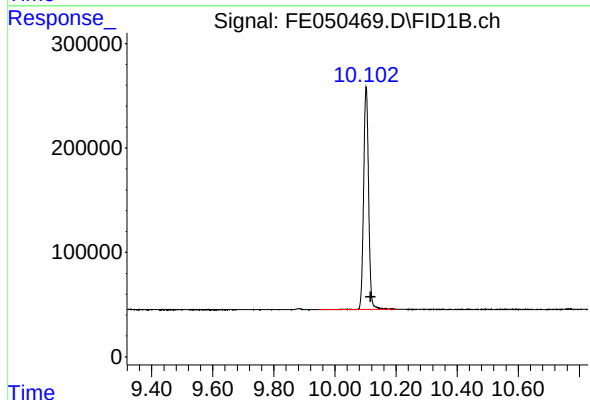
R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 2177502
Conc: 16.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



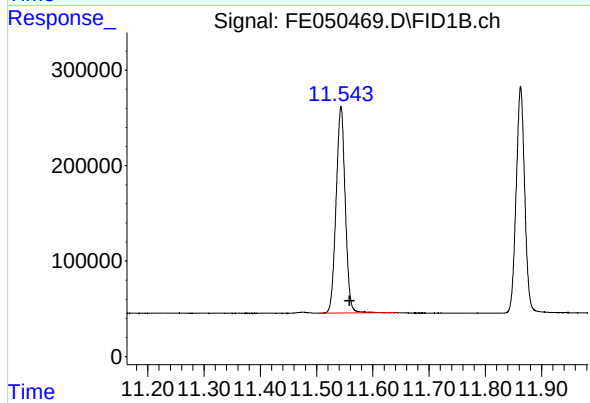
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 2307528
Conc: 16.95 ug/ml



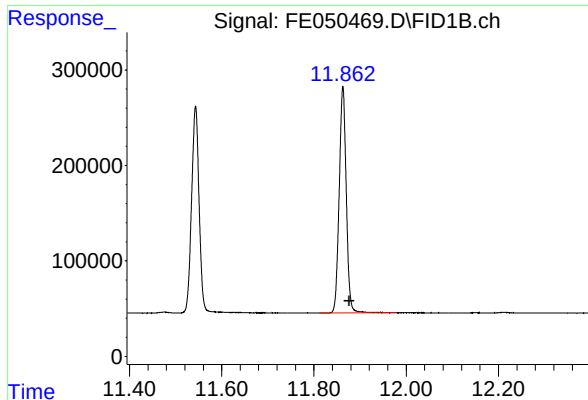
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.015 min
Response: 2407039
Conc: 17.33 ug/ml



#8 n-Octadecane (C18)

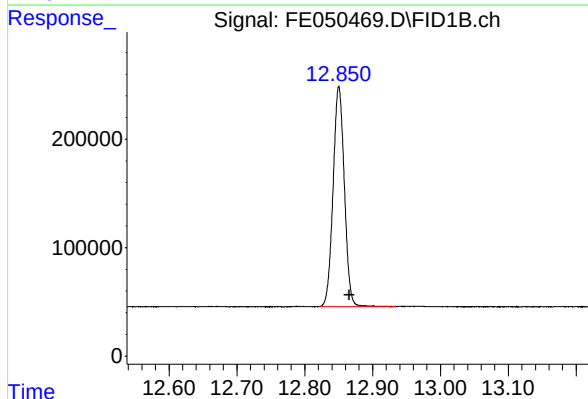
R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 2441918
Conc: 17.43 ug/ml



#9 ortho-Terphenyl (SURR)

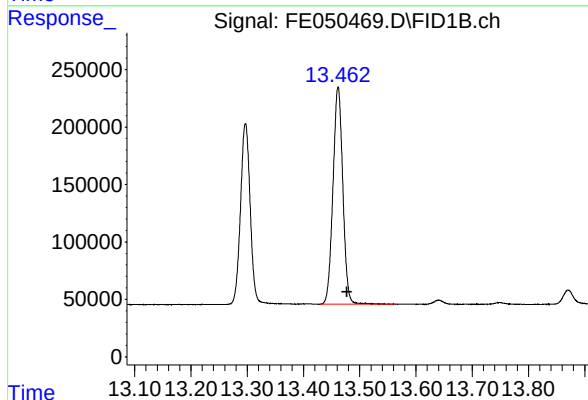
R.T.: 11.863 min
Delta R.T.: -0.014 min
Response: 2512881
Conc: 16.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



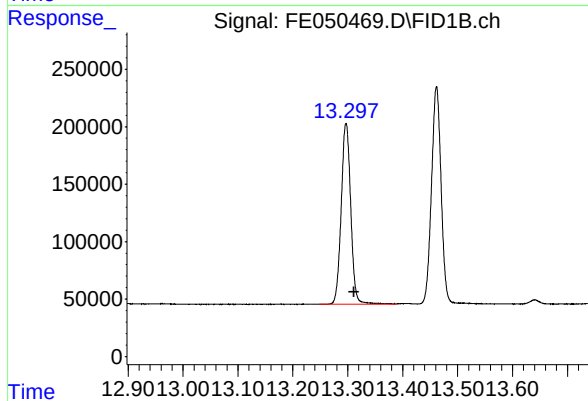
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.016 min
Response: 2343148
Conc: 17.47 ug/ml



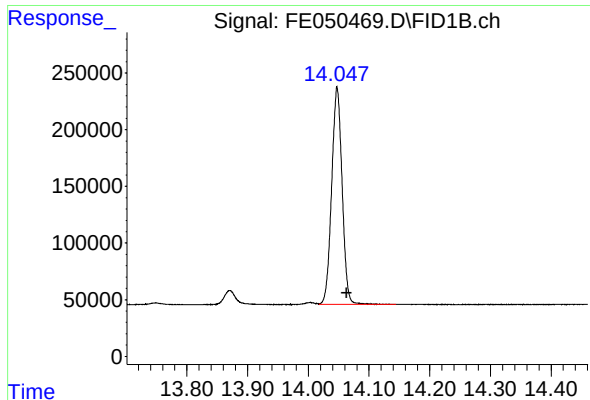
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.016 min
Response: 2298943
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

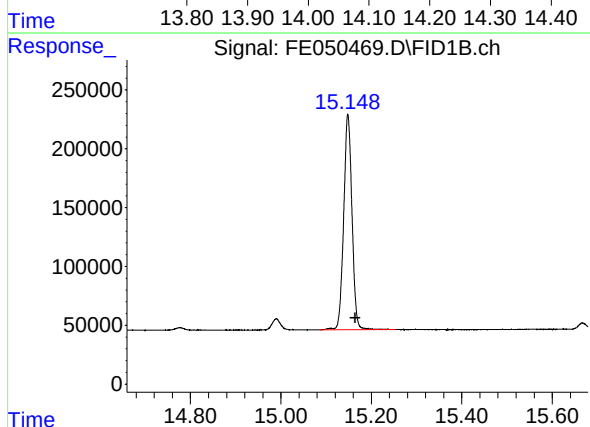
R.T.: 13.297 min
Delta R.T.: -0.014 min
Response: 1890861
Conc: 16.83 ug/ml



#13 n-Docosane (C22)

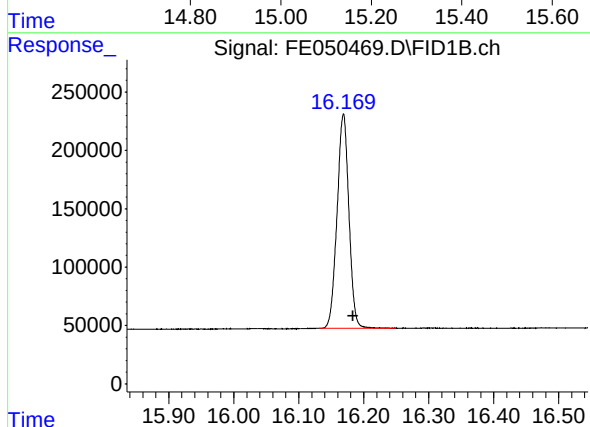
R.T.: 14.048 min
Delta R.T.: -0.015 min
Response: 2297552
Conc: 17.64 ug/ml

Instrument :
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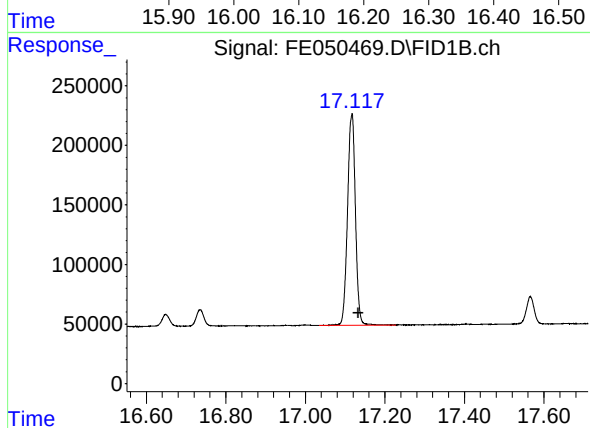
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.016 min
Response: 2335651
Conc: 17.89 ug/ml



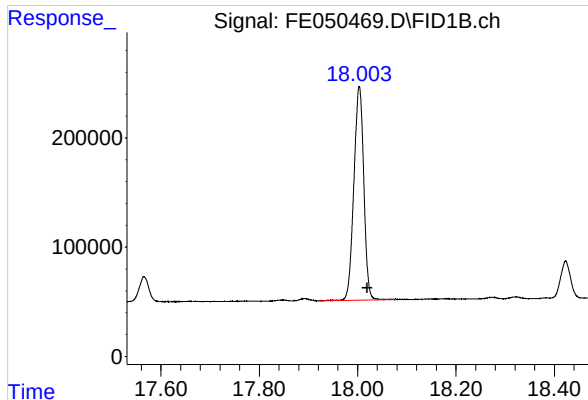
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.015 min
Response: 2326154
Conc: 18.18 ug/ml



#16 n-Octacosane (C28)

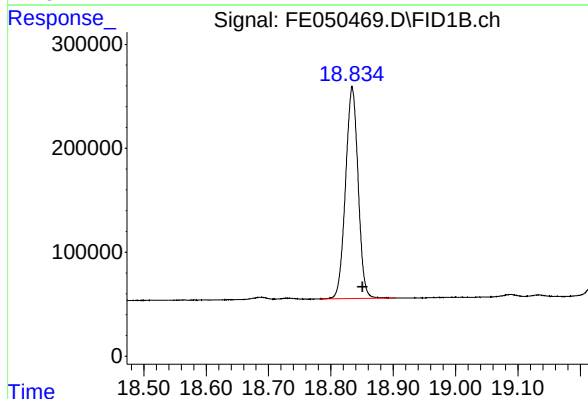
R.T.: 17.117 min
Delta R.T.: -0.017 min
Response: 2457542
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

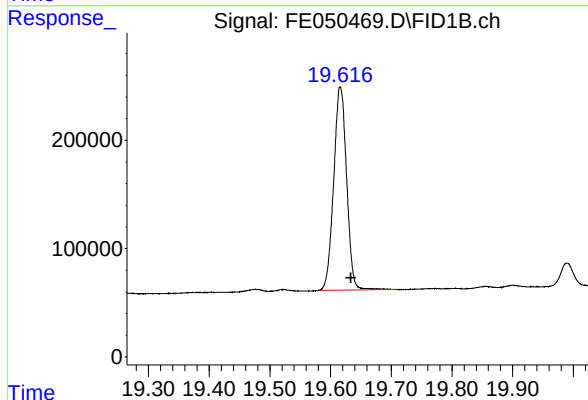
R.T.: 18.003 min
Delta R.T.: -0.016 min
Response: 2730712
Conc: 20.42 ug/ml

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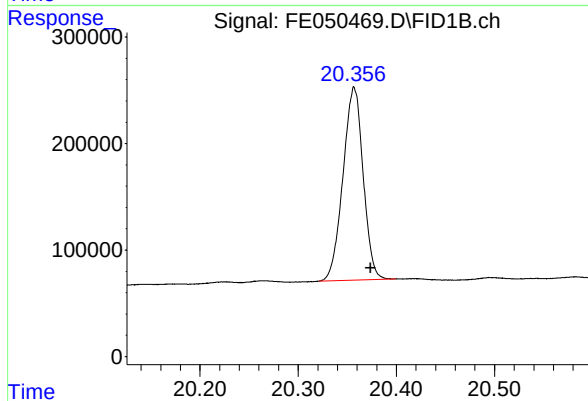
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 2853838
Conc: 21.42 ug/ml



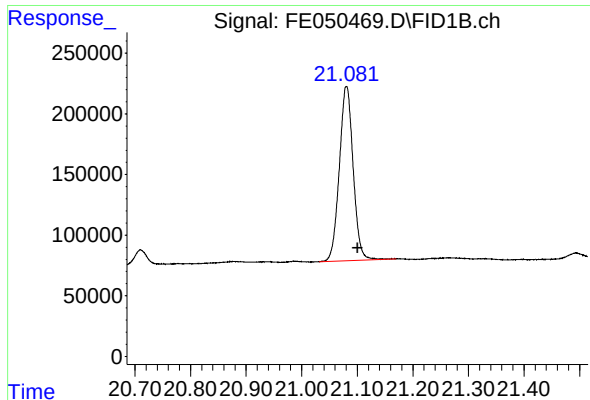
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.017 min
Response: 2780976
Conc: 22.51 ug/ml



#20 n-Hexatriacontane (C36)

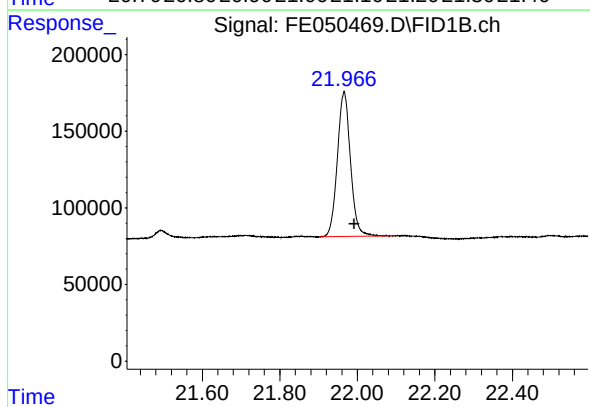
R.T.: 20.357 min
Delta R.T.: -0.017 min
Response: 2586701
Conc: 23.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.020 min
Response: 2478011
Conc: 22.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.027 min
Response: 2217293
Conc: 20.38 ug/ml