

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052525.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 06:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 27 09:43:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	3367468	18.014 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
12) S 1-chlorooctadecane (S...	13.361	2505081	18.023 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
Target Compounds			
1) T n-Nonane (C9)	3.255	3197150	20.828 ug/ml
2) T n-Decane (C10)	4.517	3246237	20.784 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3531951	20.443 ug/ml
4) T n-Dodecane (C12)	6.699	3203175	20.294 ug/ml
5) T A~2-methylnaphthalene...	7.334	3372291	20.079 ug/ml
6) T n-Tetradecane (C14)	8.536	3094358	19.645 ug/ml
7) T n-Hexadecane (C16)	10.151	3129775	19.150 ug/ml
8) T n-Octadecane (C18)	11.600	3099420	18.732 ug/ml
10) T n-Eicosane (C20)	12.915	2935880	18.416 ug/ml
11) T n-Heneicosane (C21)	13.529	2876281	18.359 ug/ml
13) T n-Docosane (C22)	14.117	2852159	18.225 ug/ml
14) T n-Tetracosane (C24)	15.224	2838333	18.048 ug/ml
15) T n-Hexacosane (C26)	16.248	2797713	18.063 ug/ml
16) T n-Octacosane (C28)	17.201	2771958	18.122 ug/ml
17) T n-Tricontane (C30)	18.091	2835317	18.164 ug/ml
18) T n-Dotriacontane (C32)	18.926	2765698	18.074 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2479717	17.431 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2242872	17.995 ug/ml
21) T n-Octatriacontane (C38)	21.199	2224495	20.352 ug/ml
22) T n-Tetracontane (C40)	22.124	2263448	22.502 ug/ml

(f)=RT Delta > 1/2 Window

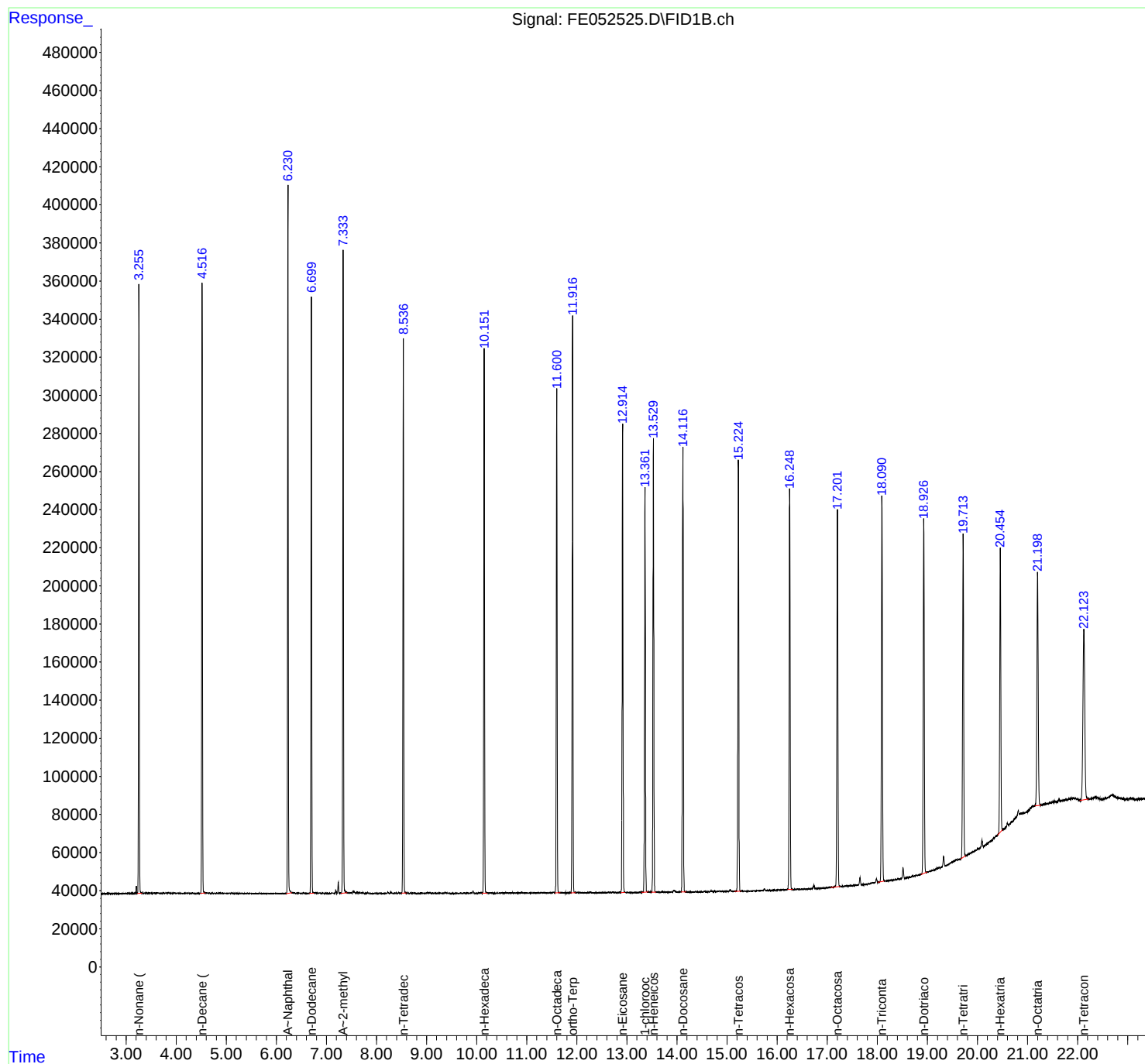
(m)=manual int.

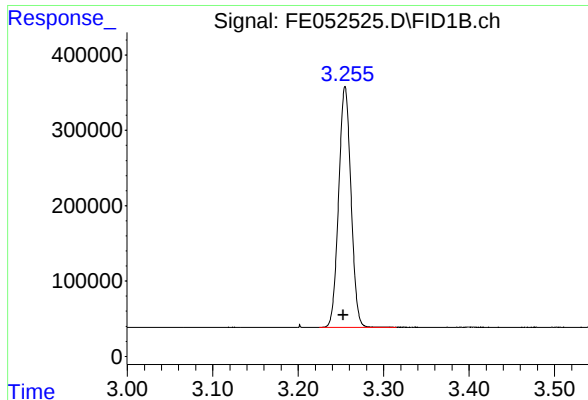
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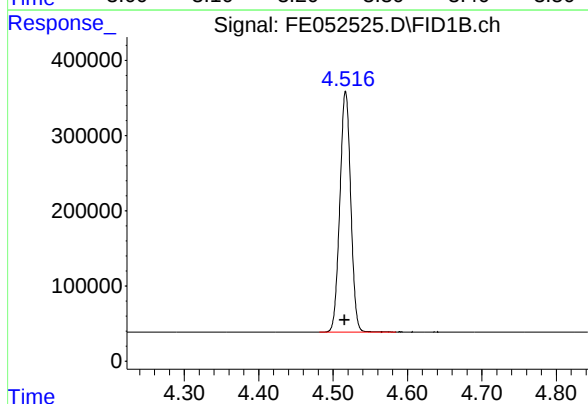




#1 n-Nonane (C9)

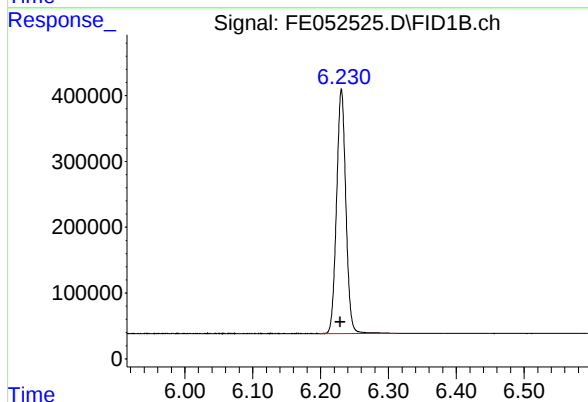
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3197150
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



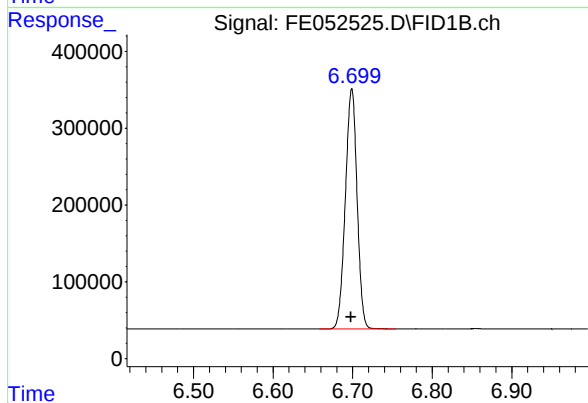
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 3246237
Conc: 20.78 ug/ml



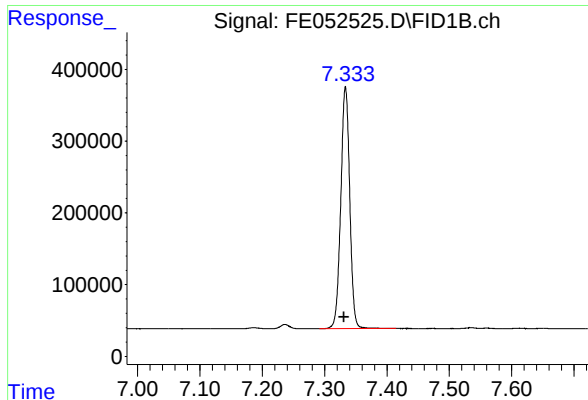
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3531951
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

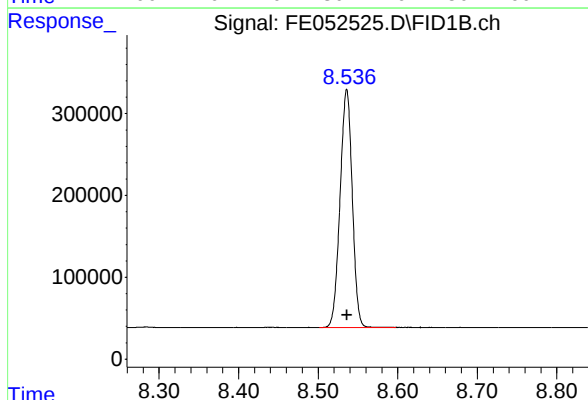
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3203175
Conc: 20.29 ug/ml



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

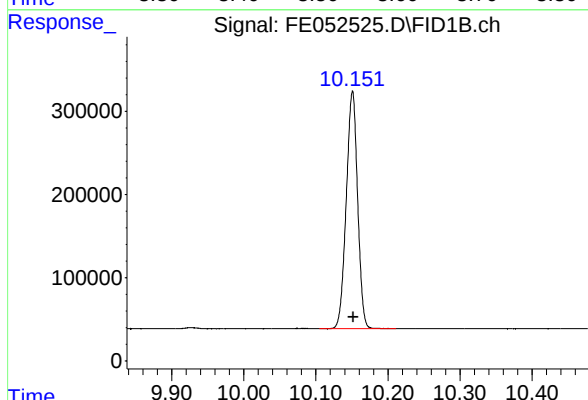
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3372291
Conc: 20.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



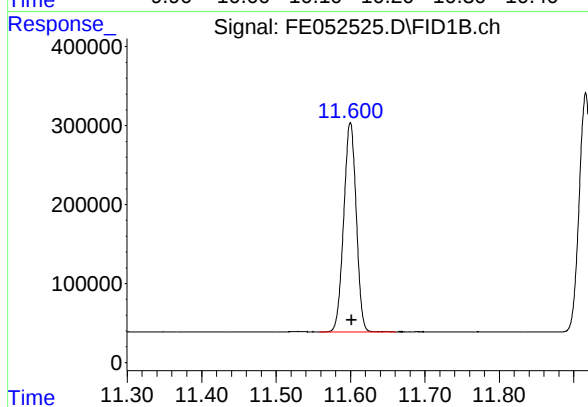
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3094358
Conc: 19.65 ug/ml



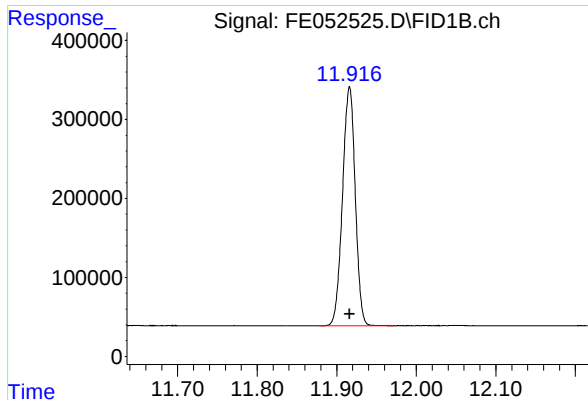
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 3129775
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

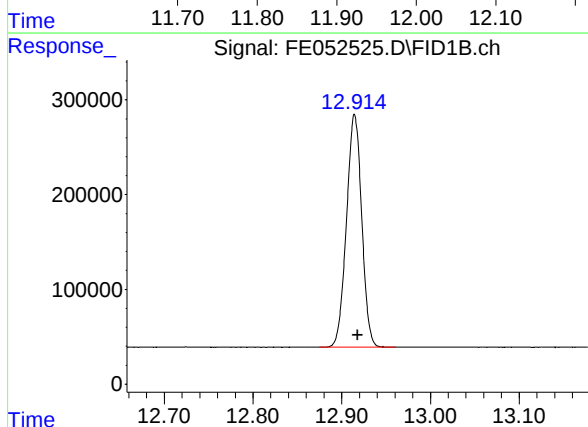
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 3099420
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

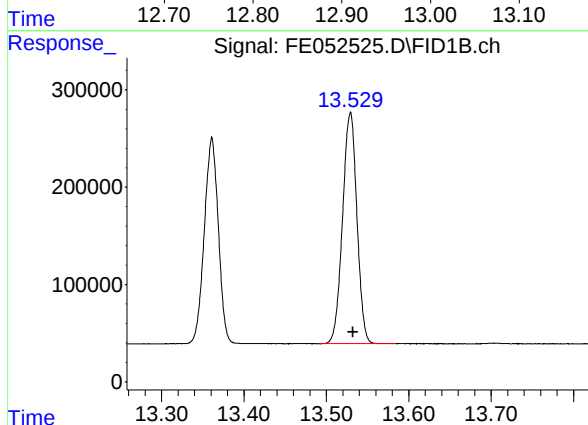
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 3367468
Conc: 18.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



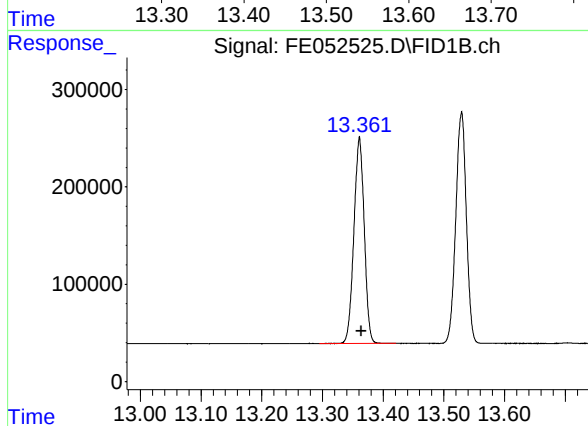
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 2935880
Conc: 18.42 ug/ml



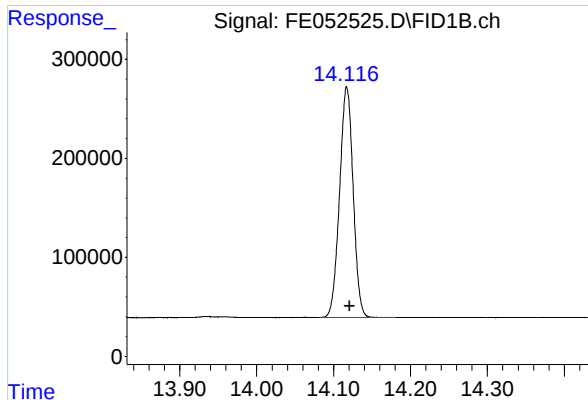
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.003 min
Response: 2876281
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

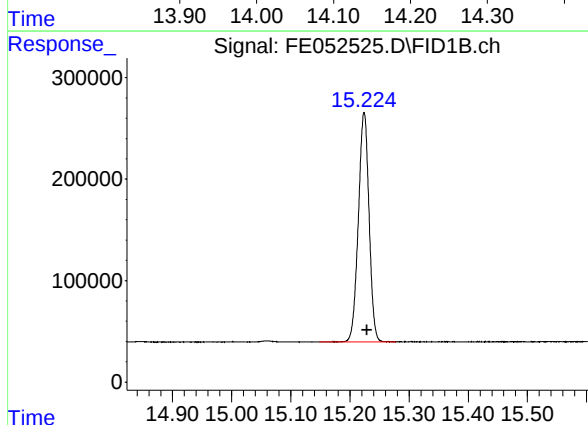
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2505081
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

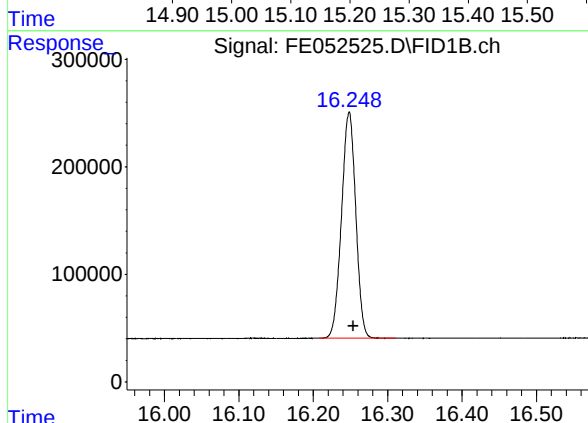
R.T.: 14.117 min
Delta R.T.: -0.004 min
Response: 2852159
Conc: 18.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



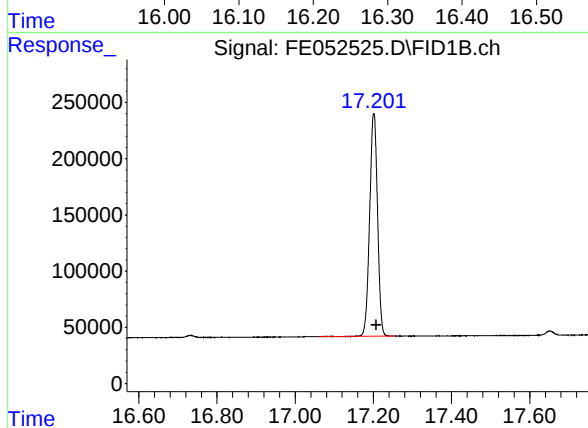
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.005 min
Response: 2838333
Conc: 18.05 ug/ml



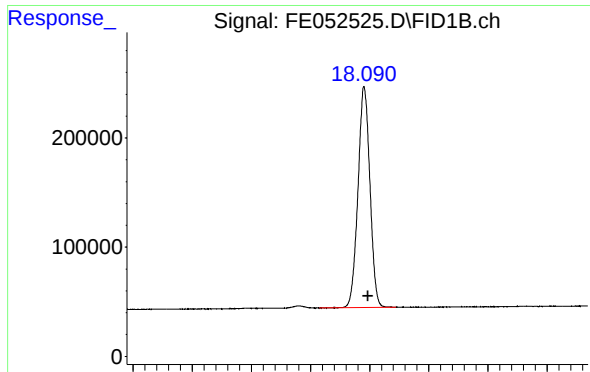
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.006 min
Response: 2797713
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

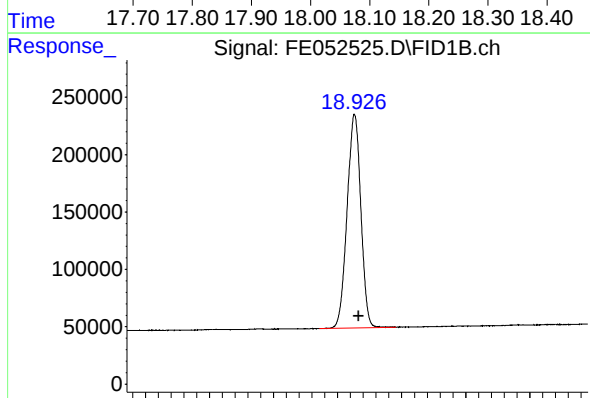
R.T.: 17.201 min
Delta R.T.: -0.006 min
Response: 2771958
Conc: 18.12 ug/ml



#17 n-Tricontane (C30)

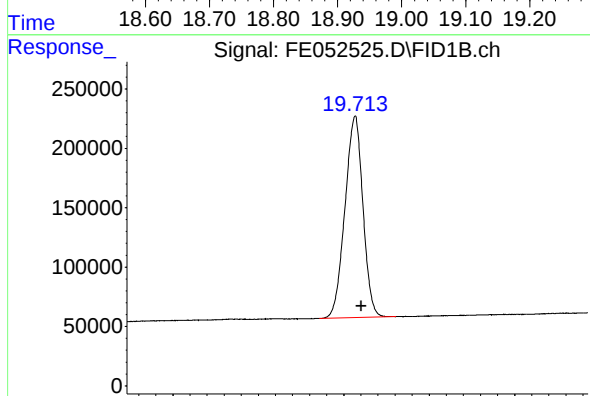
R.T.: 18.091 min
Delta R.T.: -0.007 min
Response: 2835317
Conc: 18.16 ug/ml

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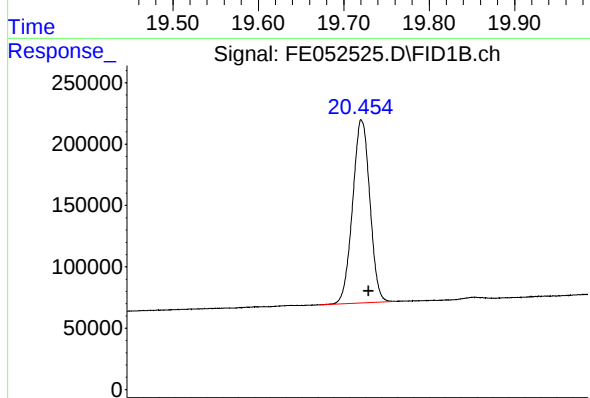
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 2765698
Conc: 18.07 ug/ml



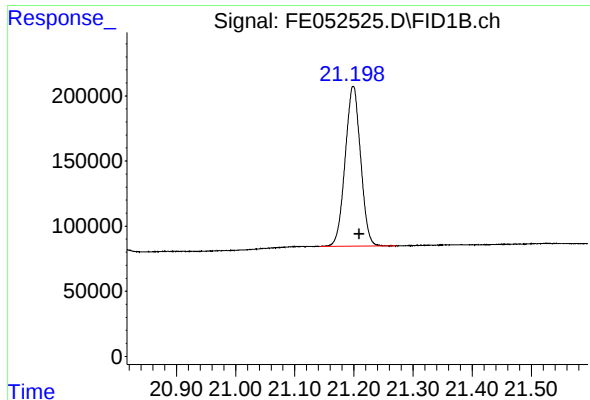
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.007 min
Response: 2479717
Conc: 17.43 ug/ml



#20 n-Hexatriacontane (C36)

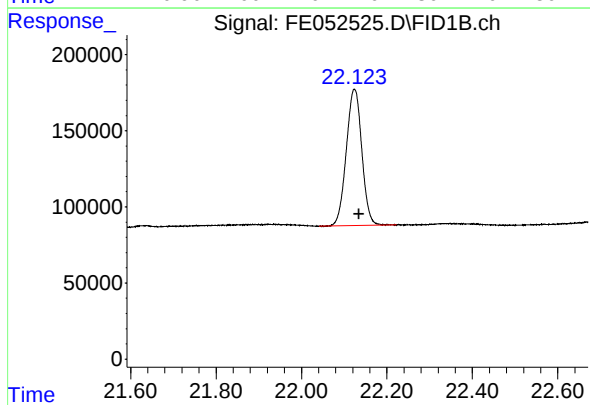
R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 2242872
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.011 min
Response: 2224495
Conc: 20.35 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.011 min
Response: 2263448
Conc: 22.50 ug/ml