

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122024AL\
 Data File : FE051741.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2024 14:32
 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: Dec 20 22:46:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.027	3174633	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	13.448	2465370	19.544 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.489	2430155	20.282 ug/ml
2) T n-Decane (C10)	4.724	2525814	20.315 ug/ml
3) T A~Naphthalene (C11.7)	6.413	2894870	20.315 ug/ml
4) T n-Dodecane (C12)	6.862	2630262	20.214 ug/ml
5) T A~2-methylnaphthalene...	7.497	2875243	20.317 ug/ml
6) T n-Tetradecane (C14)	8.674	2692667	20.083 ug/ml
7) T n-Hexadecane (C16)	10.270	2853865	19.970 ug/ml
8) T n-Octadecane (C18)	11.704	2935428	19.913 ug/ml
10) T n-Eicosane (C20)	13.005	2845821	19.781 ug/ml
11) T n-Heneicosane (C21)	13.614	2798924	19.696 ug/ml
13) T n-Docosane (C22)	14.196	2787077	19.769 ug/ml
14) T n-Tetracosane (C24)	15.291	2792069	20.011 ug/ml
15) T n-Hexacosane (C26)	16.304	2714559	20.147 ug/ml
16) T n-Octacosane (C28)	17.247	2659532	20.444 ug/ml
17) T n-Tricontane (C30)	18.129	2700741	20.407 ug/ml
18) T n-Dotriacontane (C32)	18.955	2604942	20.779 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2258056	20.524 ug/ml
20) T n-Hexatriacontane (C36)	20.467	1955624	20.369 ug/ml
21) T n-Octatriacontane (C38)	21.208	1933245	21.470 ug/ml
22) T n-Tetracontane (C40)	22.136	1950283	19.981 ug/ml

(f)=RT Delta > 1/2 Window

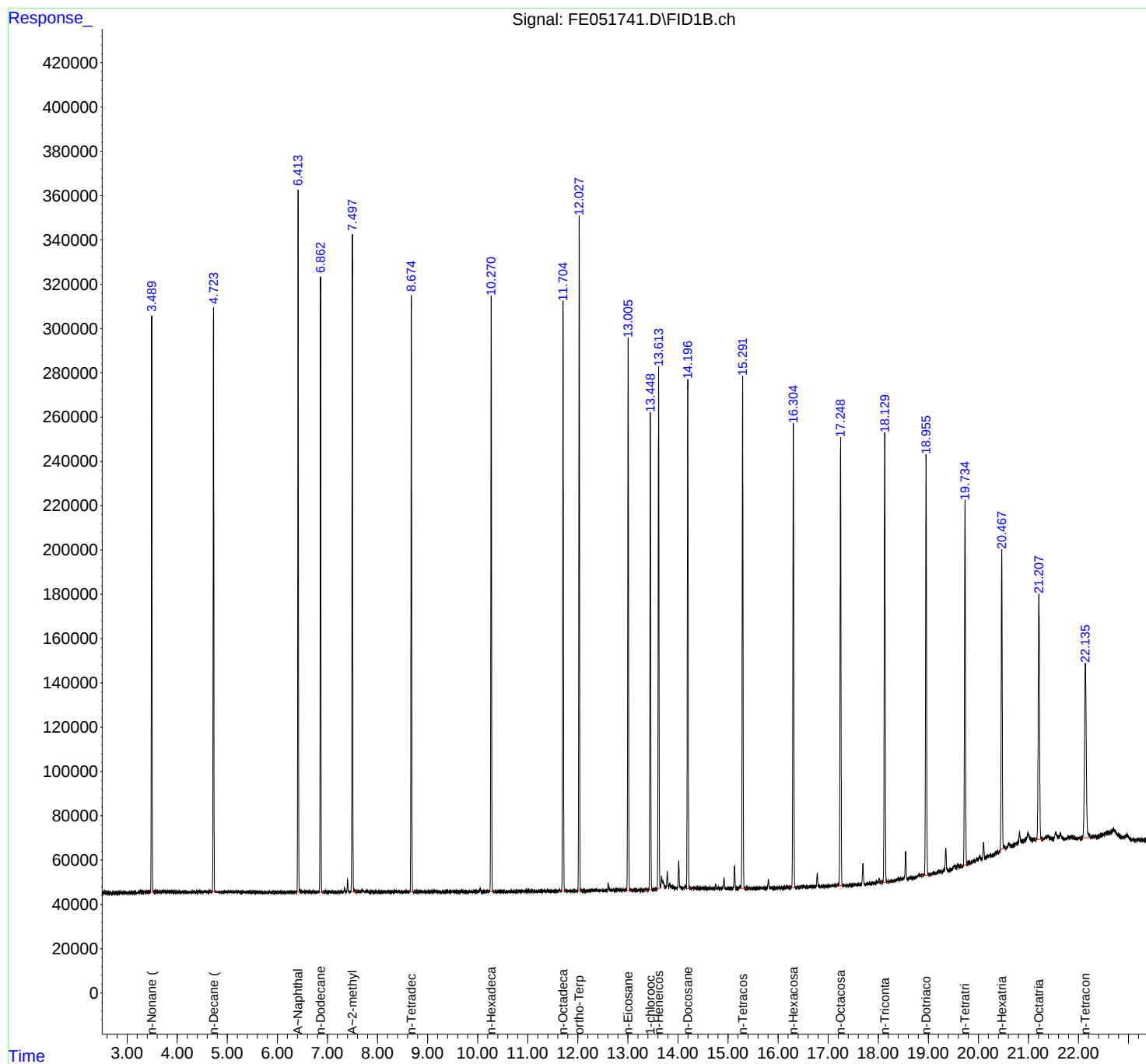
(m)=manual int.

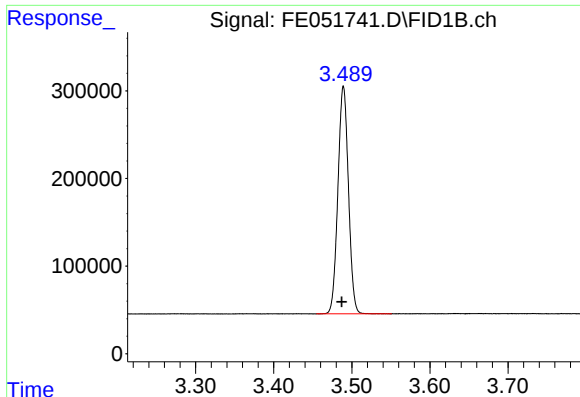
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122024AL\
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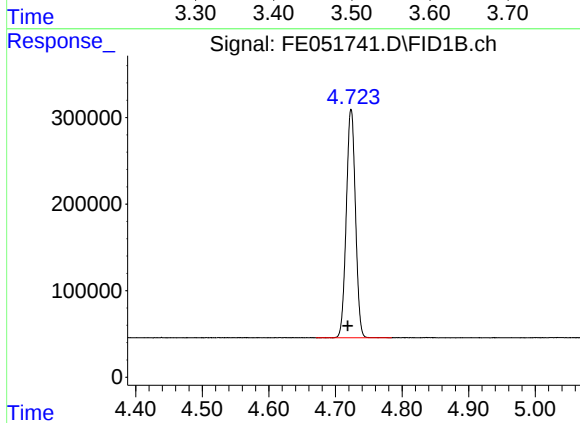




#1 n-Nonane (C9)

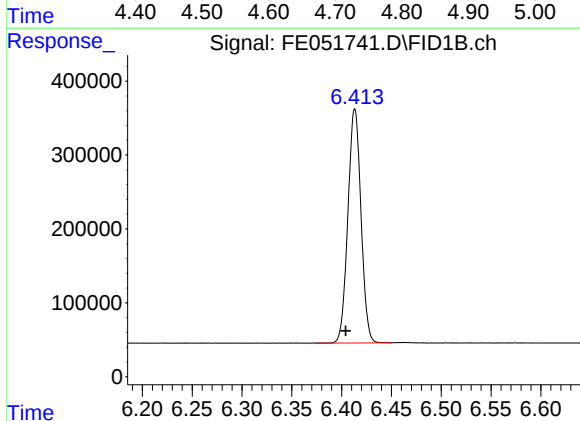
R.T.: 3.489 min
Delta R.T.: 0.002 min
Response: 2430155
Conc: 20.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



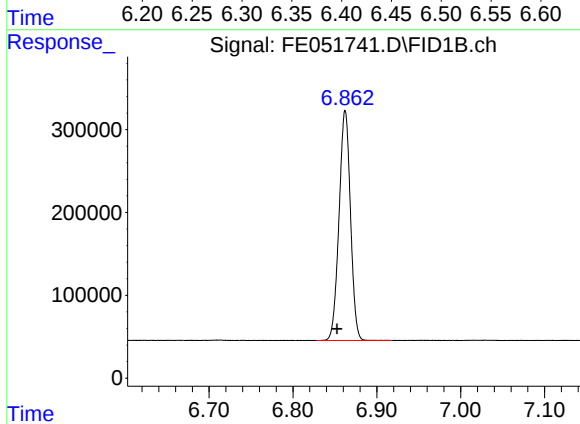
#2 n-Decane (C10)

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 2525814
Conc: 20.31 ug/ml



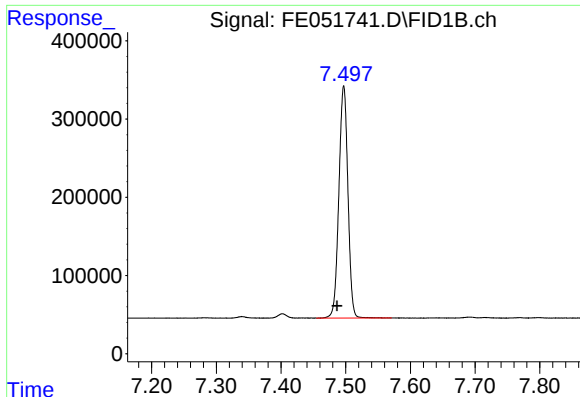
#3 A~Naphthalene (C11.7)

R.T.: 6.413 min
Delta R.T.: 0.009 min
Response: 2894870
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

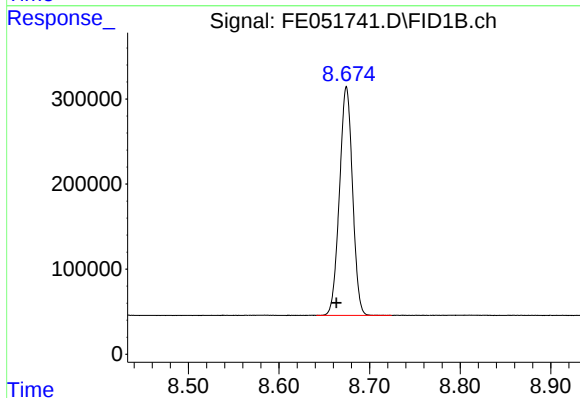
R.T.: 6.862 min
Delta R.T.: 0.009 min
Response: 2630262
Conc: 20.21 ug/ml



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

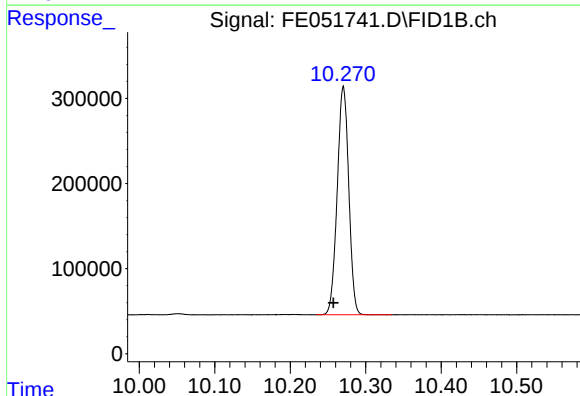
R.T.: 7.497 min
Delta R.T.: 0.011 min
Response: 2875243
Conc: 20.32 ug/ml

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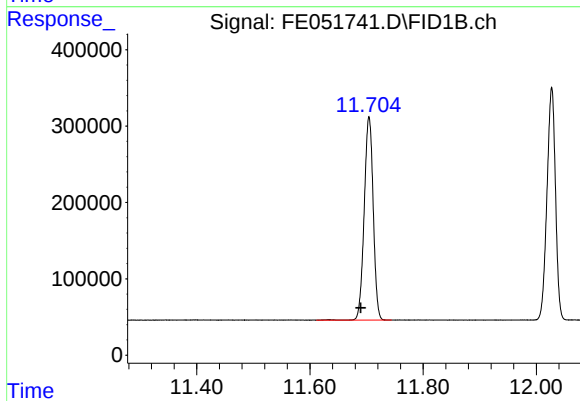
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: 0.011 min
Response: 2692667
Conc: 20.08 ug/ml



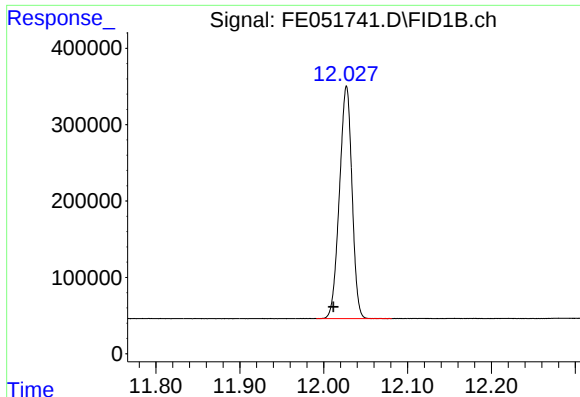
#7 n-Hexadecane (C16)

R.T.: 10.270 min
Delta R.T.: 0.013 min
Response: 2853865
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

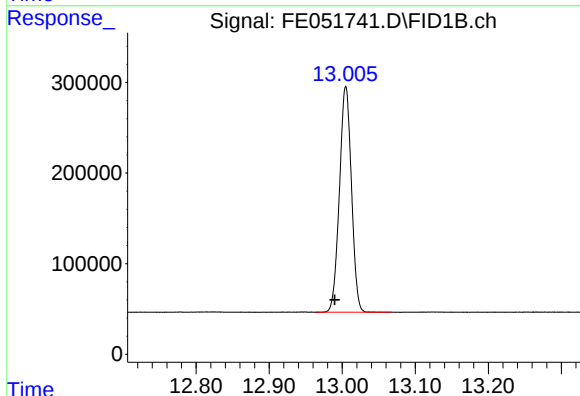
R.T.: 11.704 min
Delta R.T.: 0.015 min
Response: 2935428
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

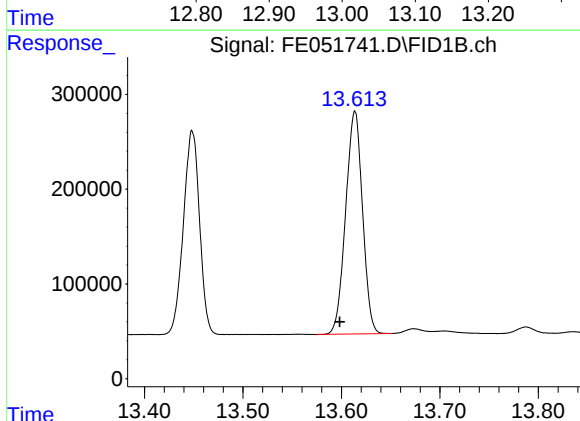
R.T.: 12.027 min
Delta R.T.: 0.015 min
Response: 3174633
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



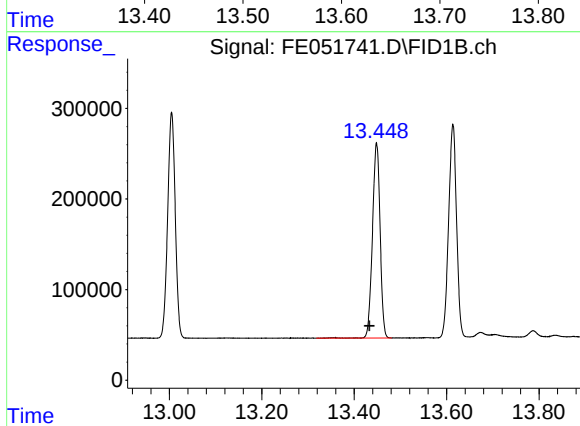
#10 n-Eicosane (C20)

R.T.: 13.005 min
Delta R.T.: 0.015 min
Response: 2845821
Conc: 19.78 ug/ml



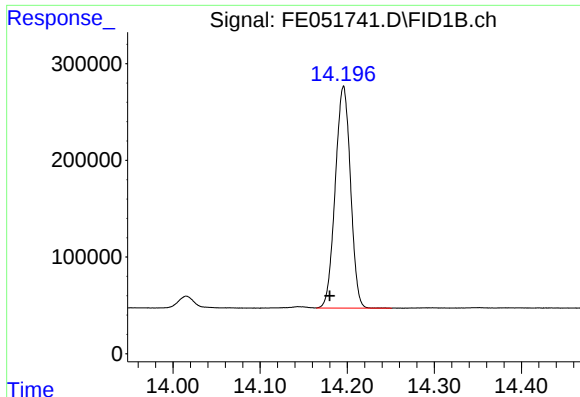
#11 n-Heneicosane (C21)

R.T.: 13.614 min
Delta R.T.: 0.015 min
Response: 2798924
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

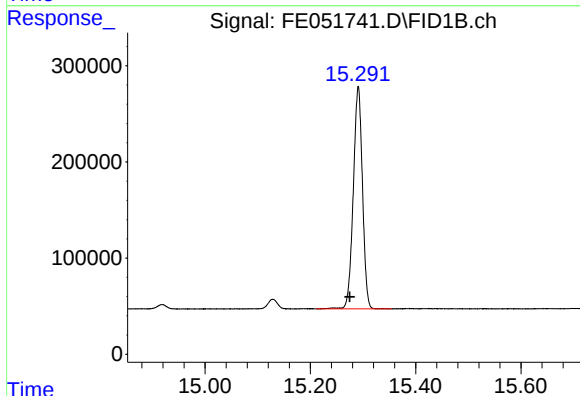
R.T.: 13.448 min
Delta R.T.: 0.015 min
Response: 2465370
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

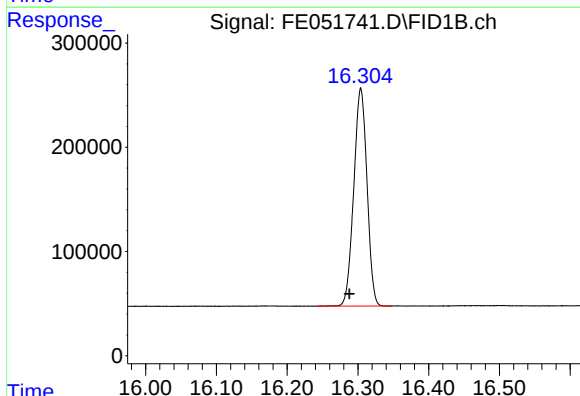
R.T.: 14.196 min
Delta R.T.: 0.015 min
Response: 2787077
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



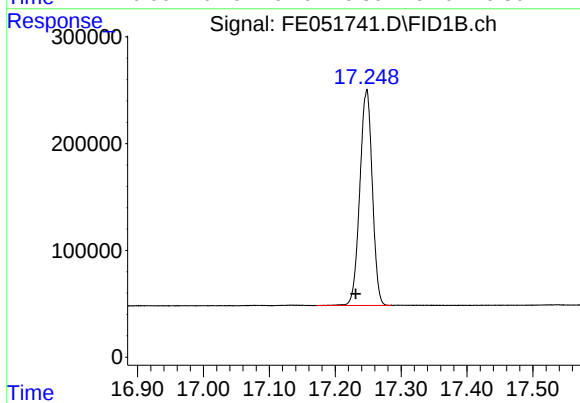
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.016 min
Response: 2792069
Conc: 20.01 ug/ml



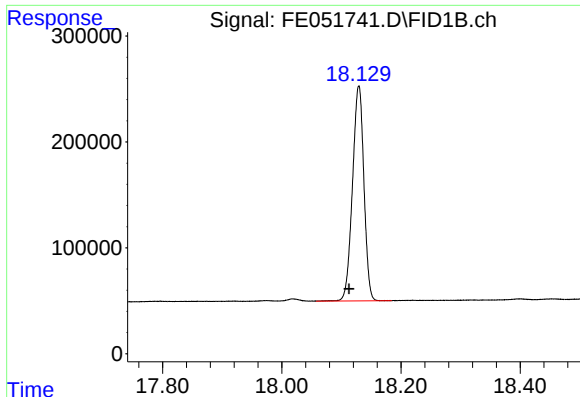
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.016 min
Response: 2714559
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

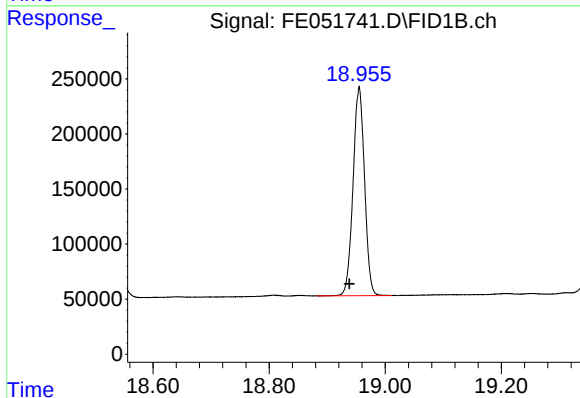
R.T.: 17.247 min
Delta R.T.: 0.016 min
Response: 2659532
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

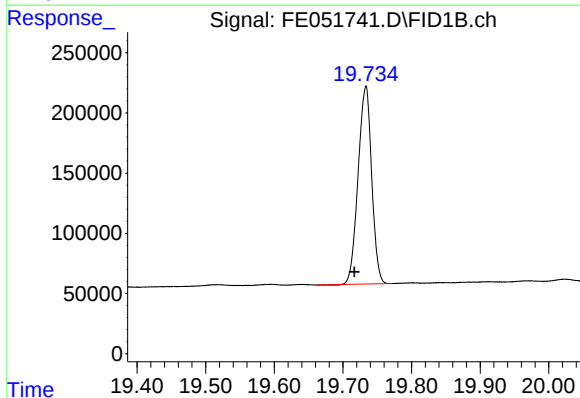
R.T.: 18.129 min
Delta R.T.: 0.016 min
Response: 2700741
Conc: 20.41 ug/ml

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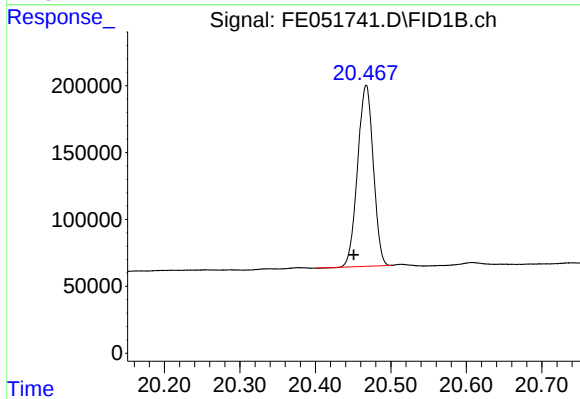
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.017 min
Response: 2604942
Conc: 20.78 ug/ml



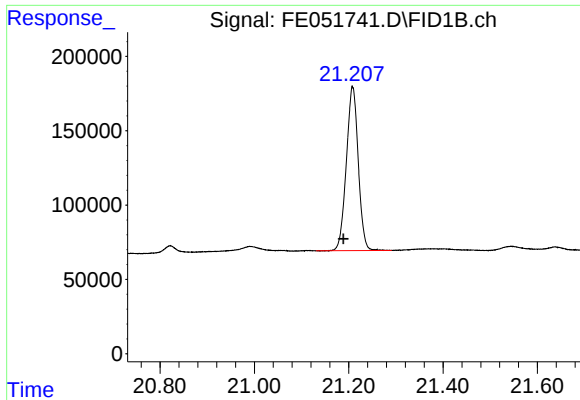
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.017 min
Response: 2258056
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

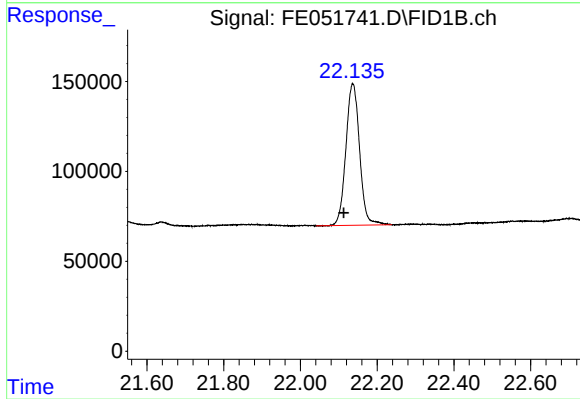
R.T.: 20.467 min
Delta R.T.: 0.016 min
Response: 1955624
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.020 min
Response: 1933245
Conc: 21.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.023 min
Response: 1950283
Conc: 19.98 ug/ml