

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056572.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 18:09
 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: sample.E
 Quant Time: Oct 30 01:30:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.979	3643233	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.419	2721634	17.837 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.335	2890264	17.732 ug/ml
2) T n-Decane (C10)	4.588	3197623	19.444 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3334700	18.864 ug/ml
4) T n-Dodecane (C12)	6.761	3313189	19.747 ug/ml
5) T A~2-methylnaphthalene...	7.401	3192784	19.162 ug/ml
6) T n-Tetradecane (C14)	8.596	3255621	19.596 ug/ml
7) T n-Hexadecane (C16)	10.209	3348788	19.140 ug/ml
8) T n-Octadecane (C18)	11.657	3390986	18.590 ug/ml
10) T n-Eicosane (C20)	12.971	3214806	18.056 ug/ml
11) T n-Heneicosane (C21)	13.585	3132316	17.853 ug/ml
13) T n-Docosane (C22)	14.173	3122827	17.642 ug/ml
14) T n-Tetracosane (C24)	15.280	3138664	17.251 ug/ml
15) T n-Hexacosane (C26)	16.303	3079084	17.153 ug/ml
16) T n-Octacosane (C28)	17.255	3081419	17.321 ug/ml
17) T n-Tricontane (C30)	18.146	3285066	18.093 ug/ml
18) T n-Dotriacontane (C32)	18.980	3317854	18.819 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2975057	19.219 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2564375	20.526 ug/ml
21) T n-Octatriacontane (C38)	21.261	2280086	21.823 ug/ml
22) T n-Tetracontane (C40)	22.207	2223954	24.508 ug/ml

(f)=RT Delta > 1/2 Window

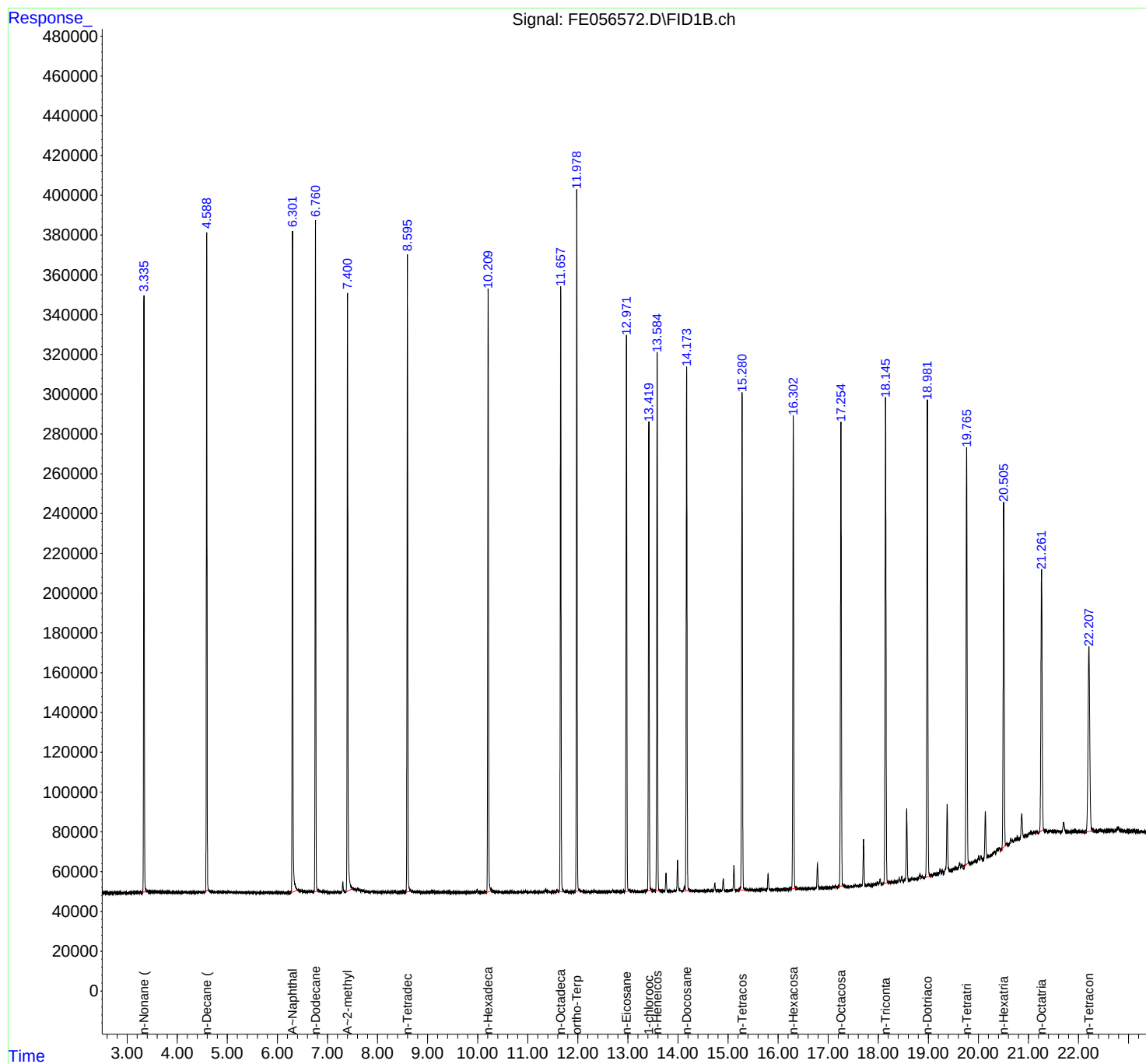
(m)=manual int.

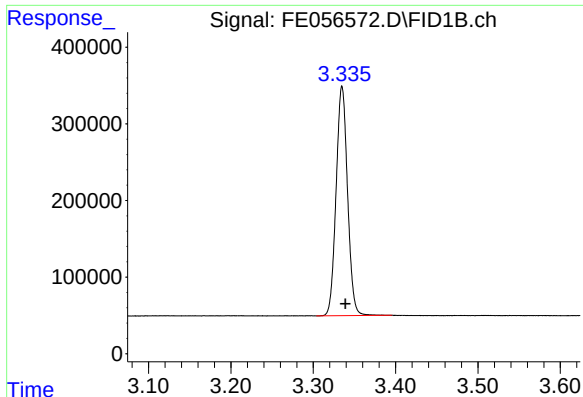
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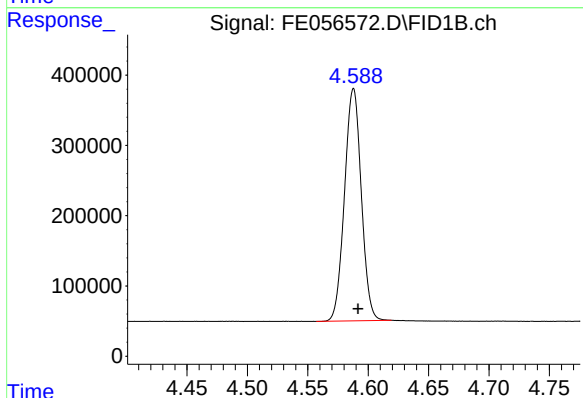




#1 n-Nonane (C9)

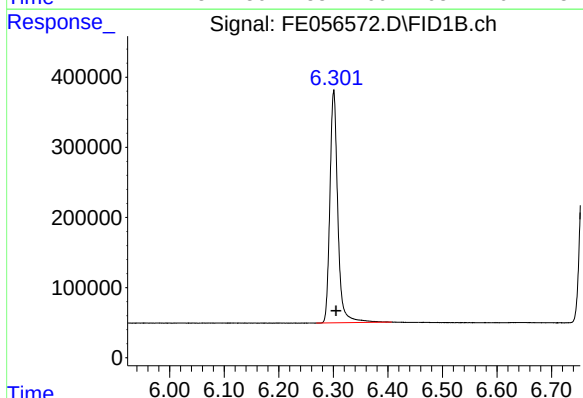
R.T.: 3.335 min
Delta R.T.: -0.004 min
Response: 2890264
Conc: 17.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



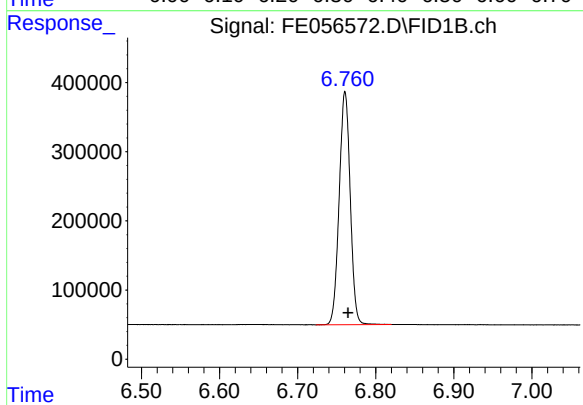
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 3197623
Conc: 19.44 ug/ml



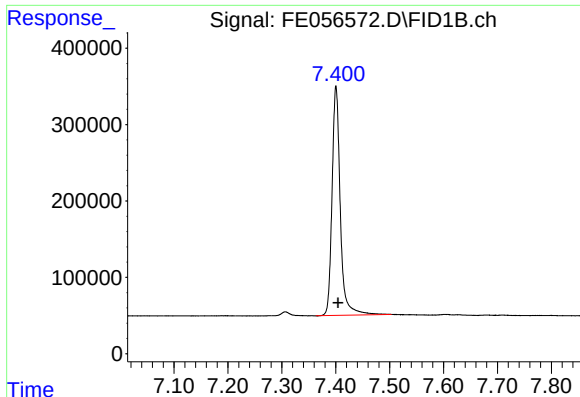
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 3334700
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

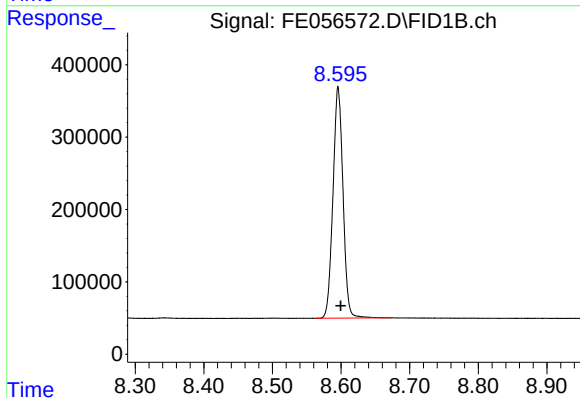
R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 3313189
Conc: 19.75 ug/ml



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

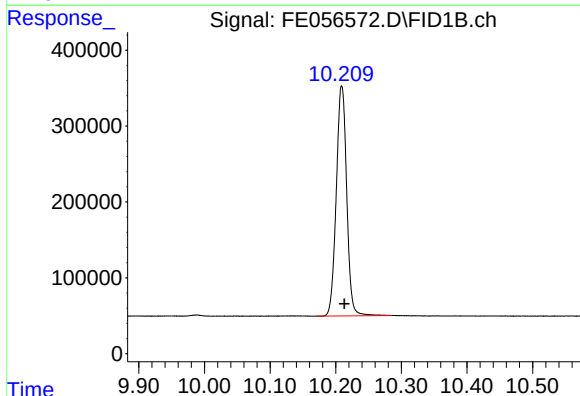
R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 3192784
Conc: 19.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



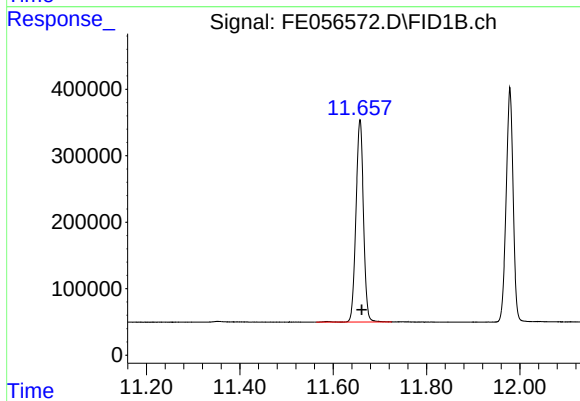
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.004 min
Response: 3255621
Conc: 19.60 ug/ml



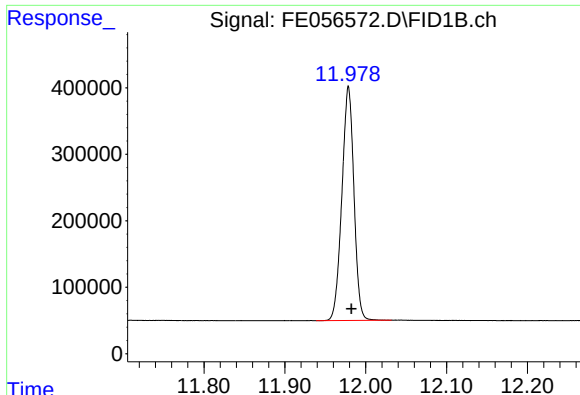
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.004 min
Response: 3348788
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

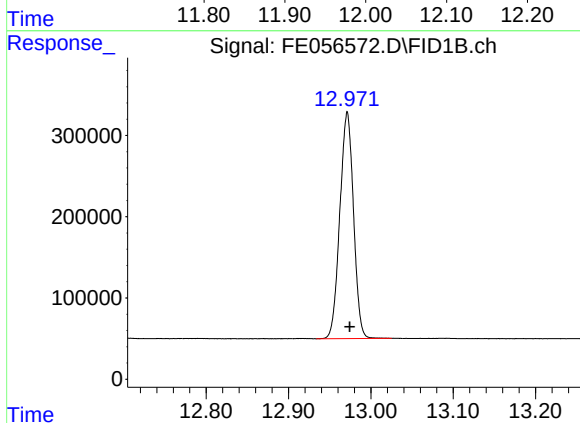
R.T.: 11.657 min
Delta R.T.: -0.004 min
Response: 3390986
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

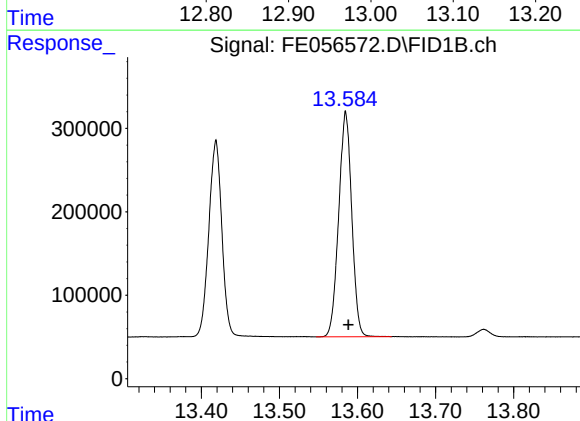
R.T.: 11.979 min
Delta R.T.: -0.004 min
Response: 3643233
Conc: 17.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



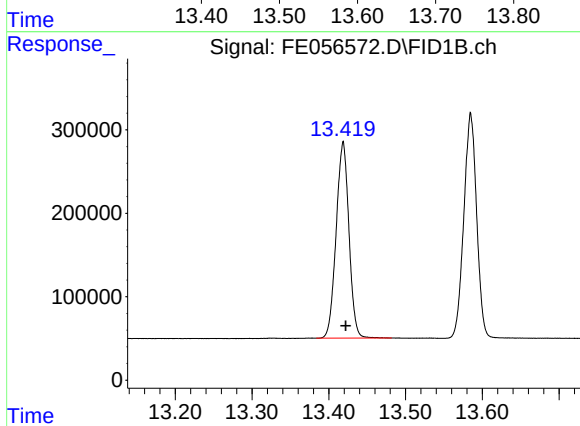
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: -0.003 min
Response: 3214806
Conc: 18.06 ug/ml



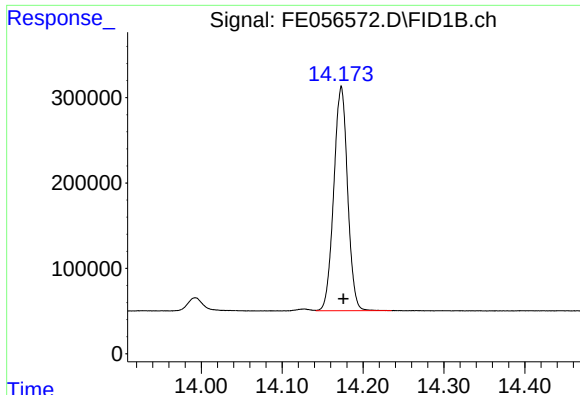
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: -0.004 min
Response: 3132316
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

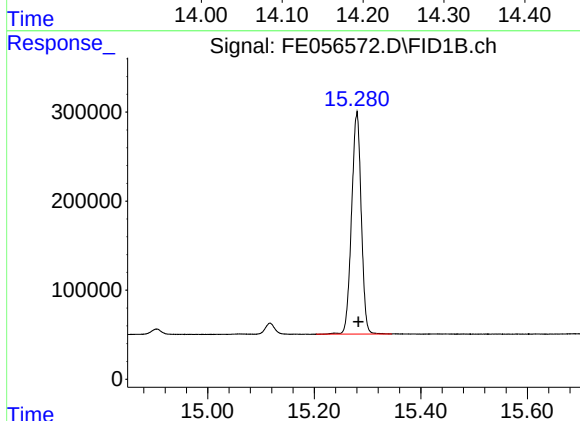
R.T.: 13.419 min
Delta R.T.: -0.004 min
Response: 2721634
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

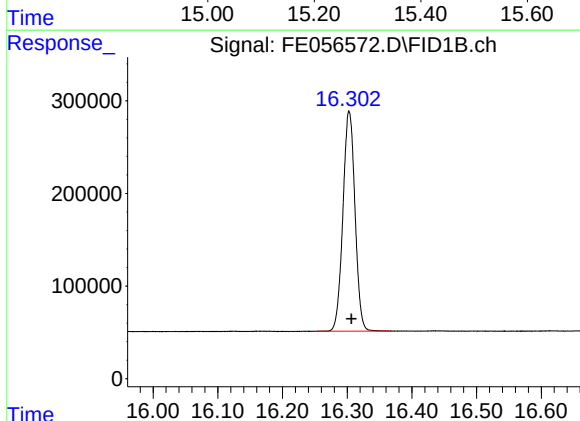
R.T.: 14.173 min
Delta R.T.: -0.003 min
Response: 3122827
Conc: 17.64 ug/ml

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20 PPM ALIPHATIC HC STD



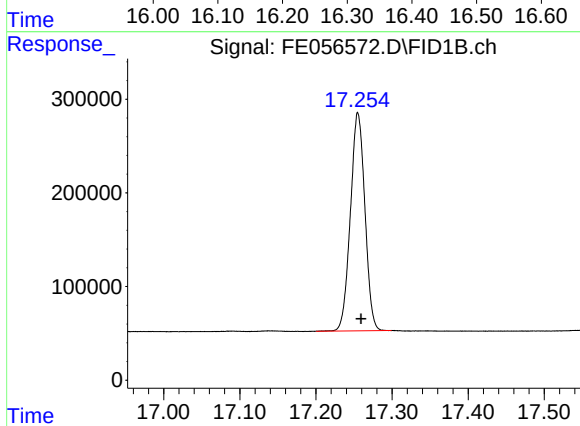
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: -0.003 min
Response: 3138664
Conc: 17.25 ug/ml



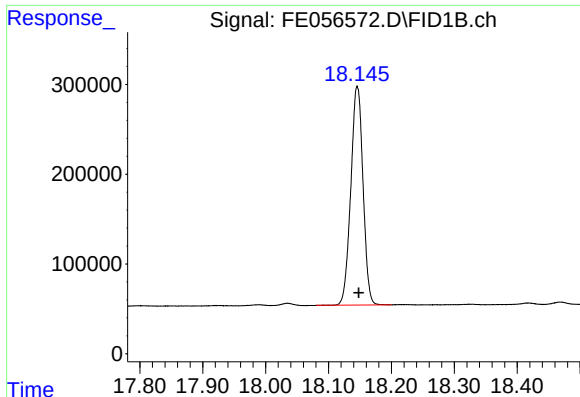
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: -0.003 min
Response: 3079084
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

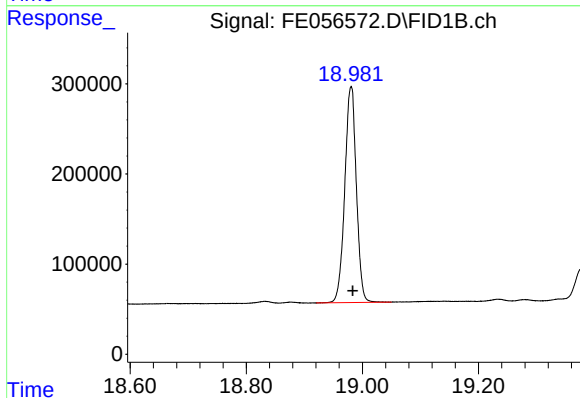
R.T.: 17.255 min
Delta R.T.: -0.004 min
Response: 3081419
Conc: 17.32 ug/ml



#17 n-Tricontane (C30)

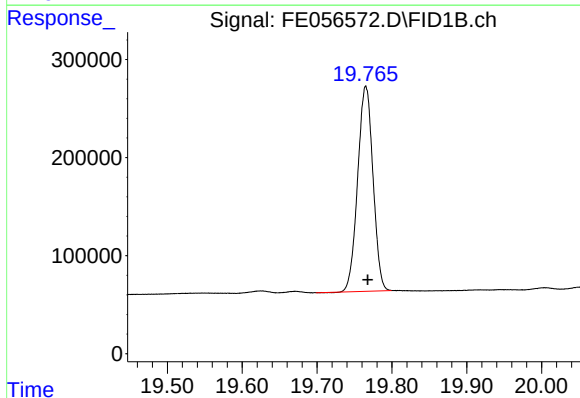
R.T.: 18.146 min
Delta R.T.: -0.002 min
Response: 3285066
Conc: 18.09 ug/ml

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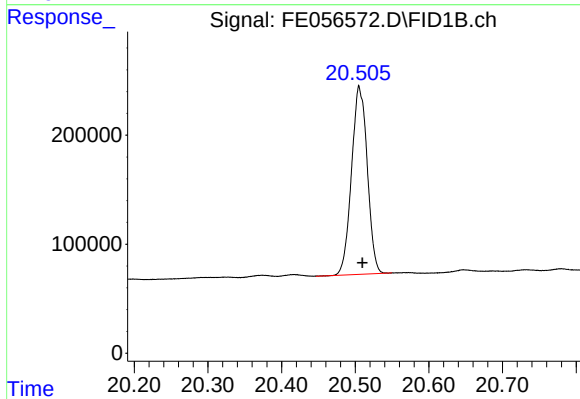
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: -0.003 min
Response: 3317854
Conc: 18.82 ug/ml



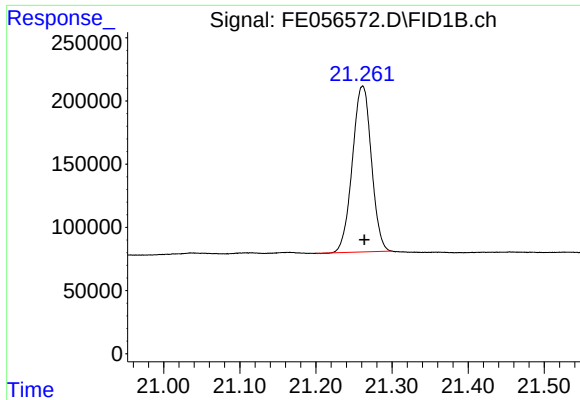
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: -0.002 min
Response: 2975057
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

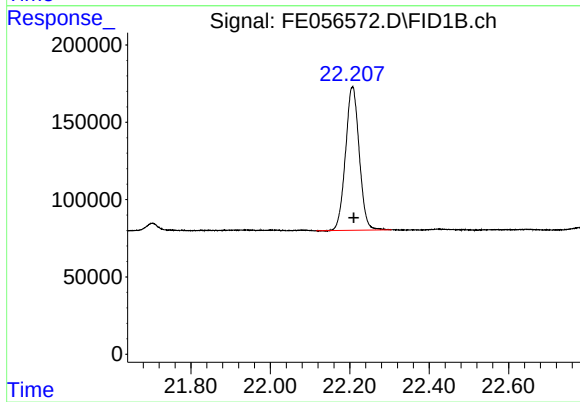
R.T.: 20.506 min
Delta R.T.: -0.004 min
Response: 2564375
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: -0.003 min
Response: 2280086
Conc: 21.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.207 min
Delta R.T.: -0.003 min
Response: 2223954
Conc: 24.51 ug/ml