

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080425AL\
 Data File : FE055124.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2025 12:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 05 04:00:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.089	2678133	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	13.525	2024133	18.825 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T n-Nonane (C9)	3.425	2123164	18.499 ug/ml
2) T n-Decane (C10)	4.683	2172883	18.652 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2499581	18.622 ug/ml
4) T n-Dodecane (C12)	6.859	2226799	18.700 ug/ml
5) T A~2-methylnaphthalene...	7.505	2435523	18.680 ug/ml
6) T n-Tetradecane (C14)	8.697	2282891	18.619 ug/ml
7) T n-Hexadecane (C16)	10.312	2392345	18.713 ug/ml
8) T n-Octadecane (C18)	11.762	2462186	18.871 ug/ml
10) T n-Eicosane (C20)	13.077	2397700	19.109 ug/ml
11) T n-Heneicosane (C21)	13.691	2332556	18.923 ug/ml
13) T n-Docosane (C22)	14.279	2394922	19.611 ug/ml
14) T n-Tetracosane (C24)	15.386	2547615	20.945 ug/ml
15) T n-Hexacosane (C26)	16.410	2612027	21.831 ug/ml
16) T n-Octacosane (C28)	17.362	2677142	22.568 ug/ml
17) T n-Tricontane (C30)	18.252	2771884	22.527 ug/ml
18) T n-Dotriacontane (C32)	19.087	2702423	22.149 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2423186	20.725 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2213415	20.251 ug/ml
21) T n-Octatriacontane (C38)	21.393	2137461	19.778 ug/ml
22) T n-Tetracontane (C40)	22.387	2099714	20.079 ug/ml

(f)=RT Delta > 1/2 Window

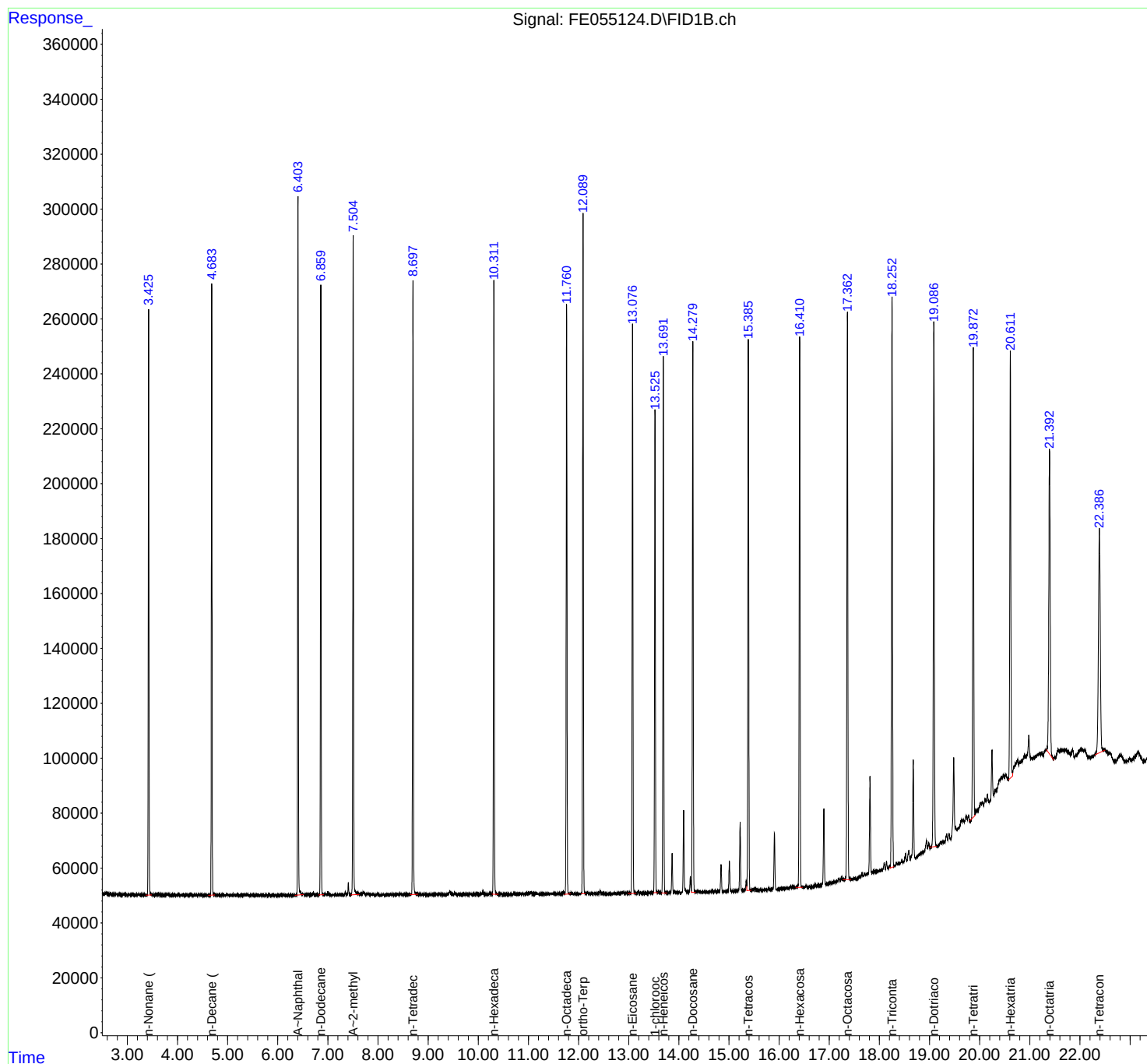
(m)=manual int.

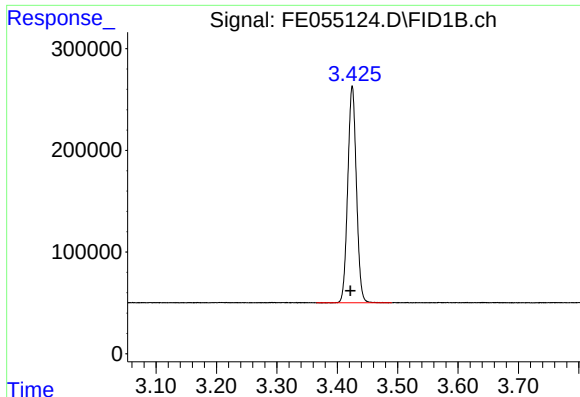
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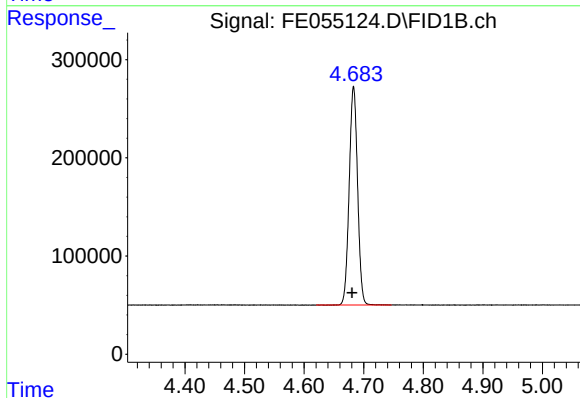




#1 n-Nonane (C9)

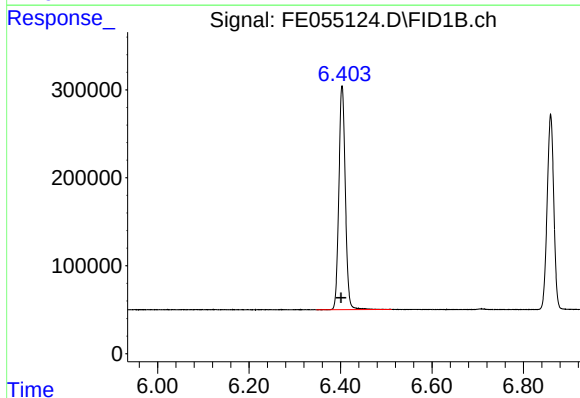
R.T.: 3.425 min
Delta R.T.: 0.003 min
Response: 2123164
Conc: 18.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



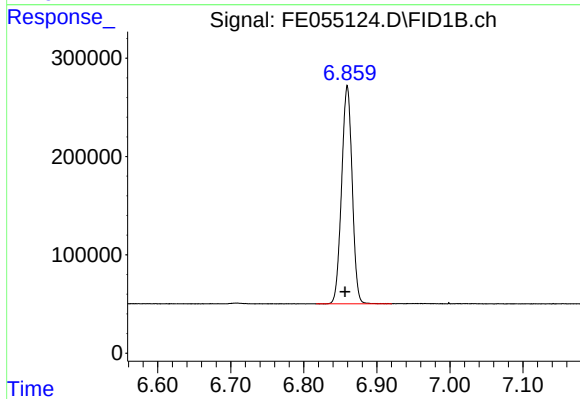
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2172883
Conc: 18.65 ug/ml



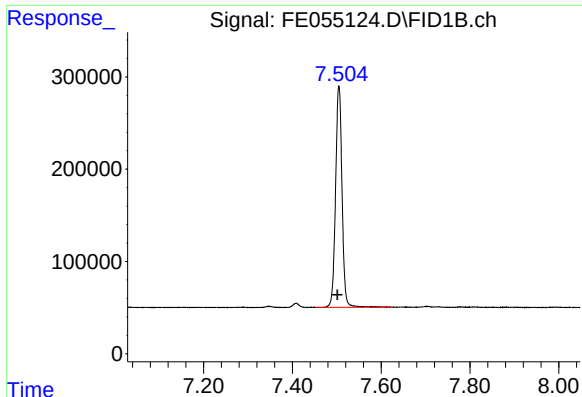
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 2499581
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

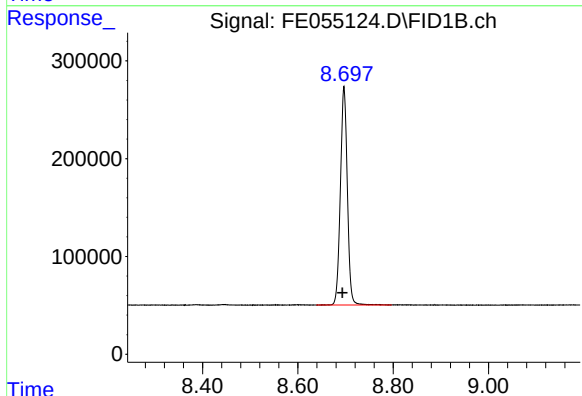
R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 2226799
Conc: 18.70 ug/ml



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

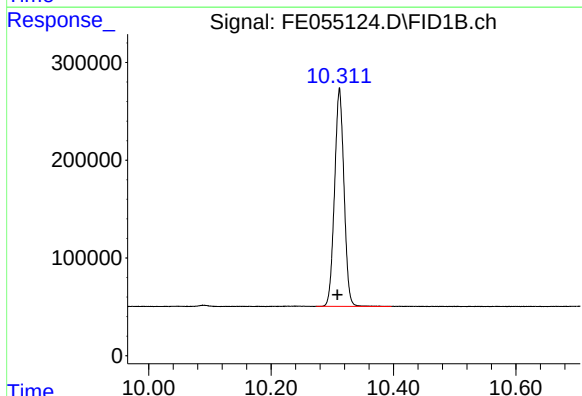
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 2435523
Conc: 18.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



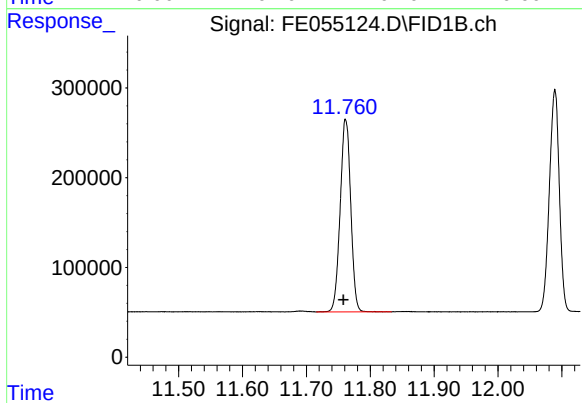
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2282891
Conc: 18.62 ug/ml



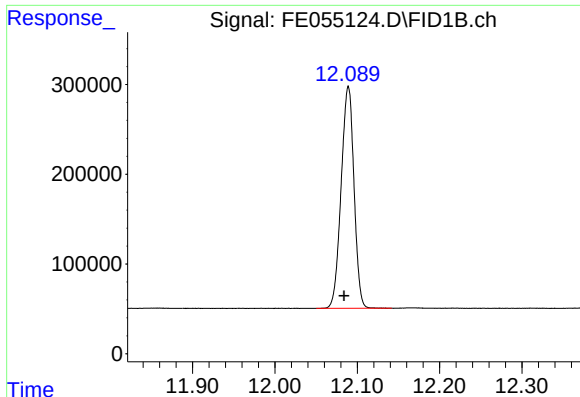
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2392345
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

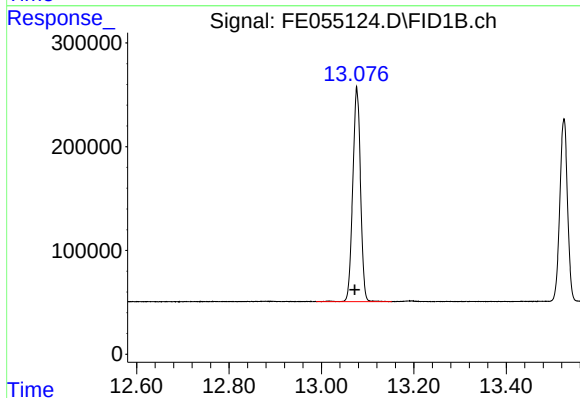
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 2462186
Conc: 18.87 ug/ml



#9 ortho-Terphenyl (SURR)

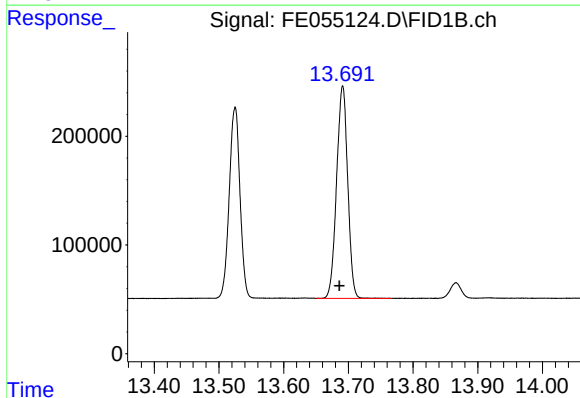
R.T.: 12.089 min
Delta R.T.: 0.005 min
Response: 2678133
Conc: 18.75 ug/ml

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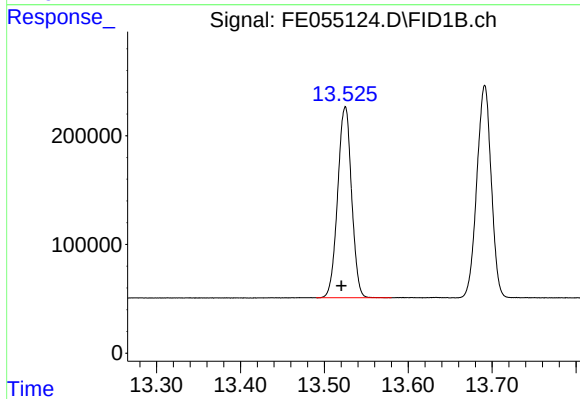
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 2397700
Conc: 19.11 ug/ml



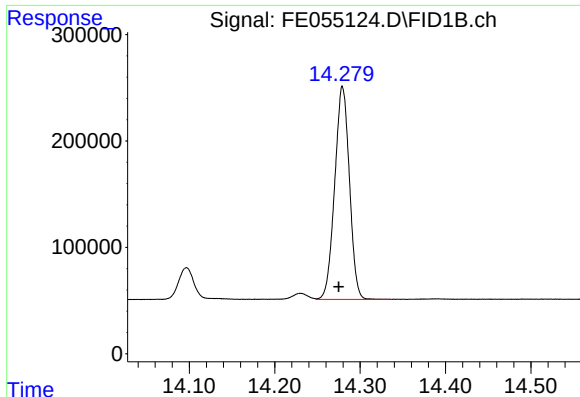
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 2332556
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

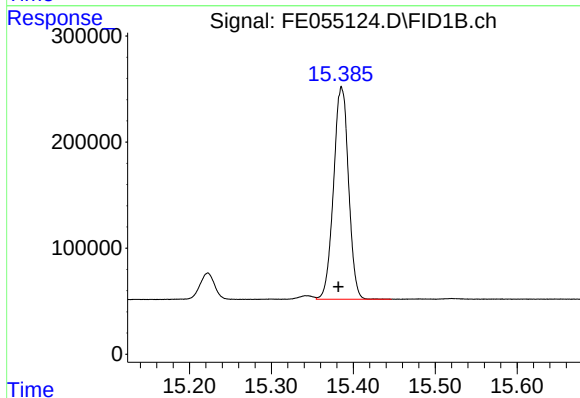
R.T.: 13.525 min
Delta R.T.: 0.004 min
Response: 2024133
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

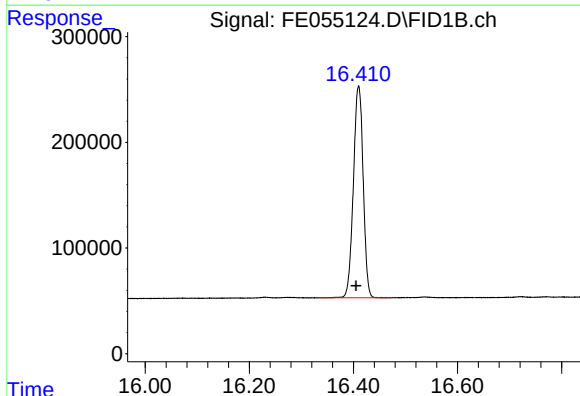
R.T.: 14.279 min
Delta R.T.: 0.005 min
Response: 2394922
Conc: 19.61 ug/ml

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20 PPM ALIPHATIC HC STD



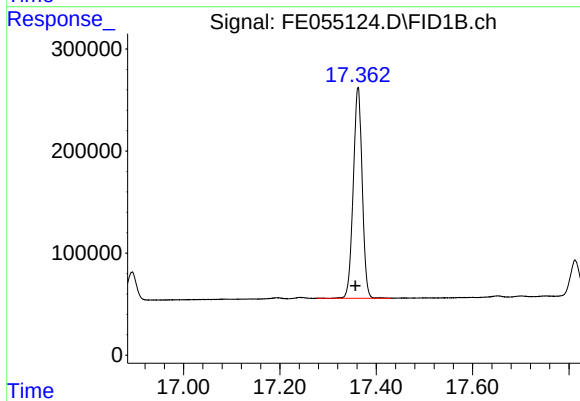
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 2547615
Conc: 20.94 ug/ml



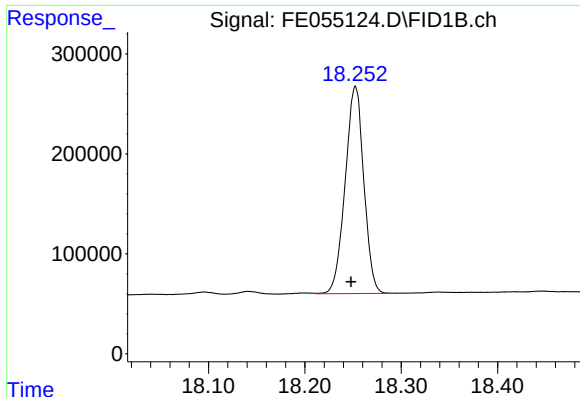
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2612027
Conc: 21.83 ug/ml



#16 n-Octacosane (C28)

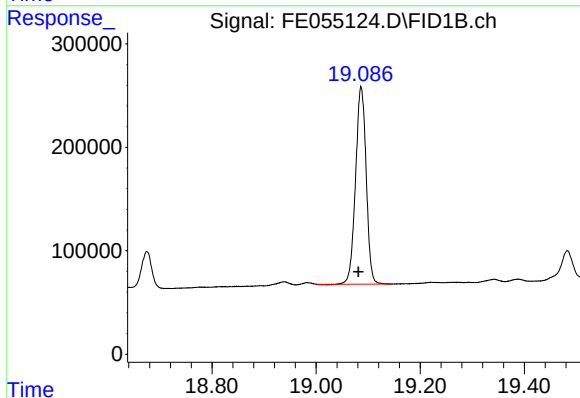
R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 2677142
Conc: 22.57 ug/ml



#17 n-Tricontane (C30)

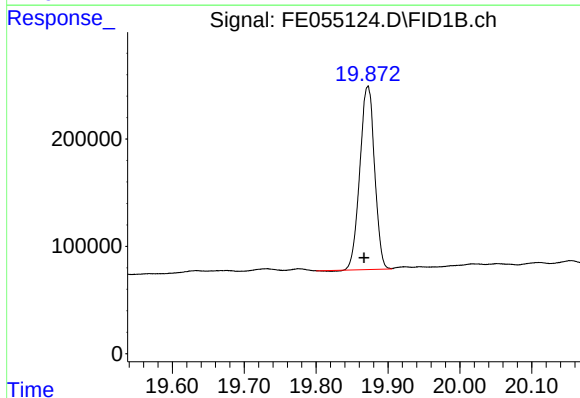
R.T.: 18.252 min
Delta R.T.: 0.004 min
Response: 2771884
Conc: 22.53 ug/ml

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20 PPM ALIPHATIC HC STD



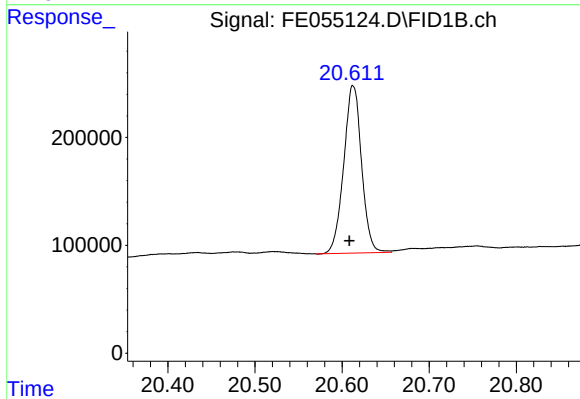
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.005 min
Response: 2702423
Conc: 22.15 ug/ml



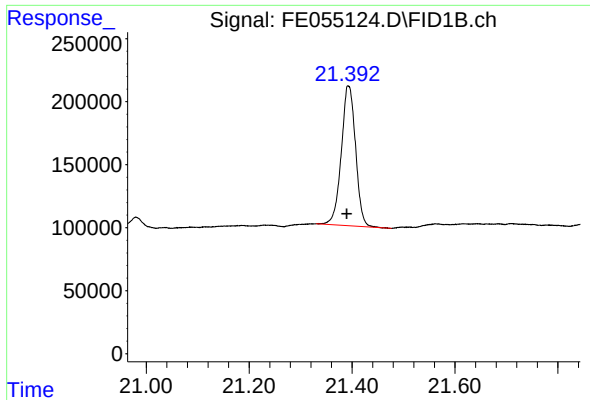
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.005 min
Response: 2423186
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

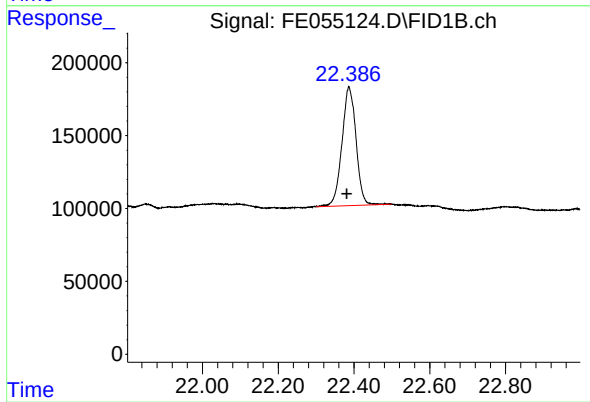
R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 2213415
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.004 min
Response: 2137461
Conc: 19.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 2099714
Conc: 20.08 ug/ml