

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
 Data File : FE055984.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2025 08:28
 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: Sep 25 16:31:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.070	3641169	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	13.507	2701407	19.356 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.408	2658138	19.404 ug/ml
2) T n-Decane (C10)	4.666	2703802	19.373 ug/ml
3) T A~Naphthalene (C11.7)	6.385	3124243	19.568 ug/ml
4) T n-Dodecane (C12)	6.842	2774382	19.330 ug/ml
5) T A~2-methylnaphthalene...	7.486	3041730	19.559 ug/ml
6) T n-Tetradecane (C14)	8.678	2849387	19.273 ug/ml
7) T n-Hexadecane (C16)	10.293	3062106	19.270 ug/ml
8) T n-Octadecane (C18)	11.744	3256107	19.223 ug/ml
10) T n-Eicosane (C20)	13.059	3198851	19.298 ug/ml
11) T n-Heneicosane (C21)	13.673	3137854	19.311 ug/ml
13) T n-Docosane (C22)	14.262	3085034	19.307 ug/ml
14) T n-Tetracosane (C24)	15.368	2955771	19.397 ug/ml
15) T n-Hexacosane (C26)	16.392	2753454	19.305 ug/ml
16) T n-Octacosane (C28)	17.345	2661752	19.107 ug/ml
17) T n-Tricontane (C30)	18.235	2745084	18.525 ug/ml
18) T n-Dotriacontane (C32)	19.070	2732195	18.312 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2595846	18.352 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2369392	18.457 ug/ml
21) T n-Octatriacontane (C38)	21.374	2410416	18.352 ug/ml
22) T n-Tetracontane (C40)	22.357	2163400	18.185 ug/ml

(f)=RT Delta > 1/2 Window

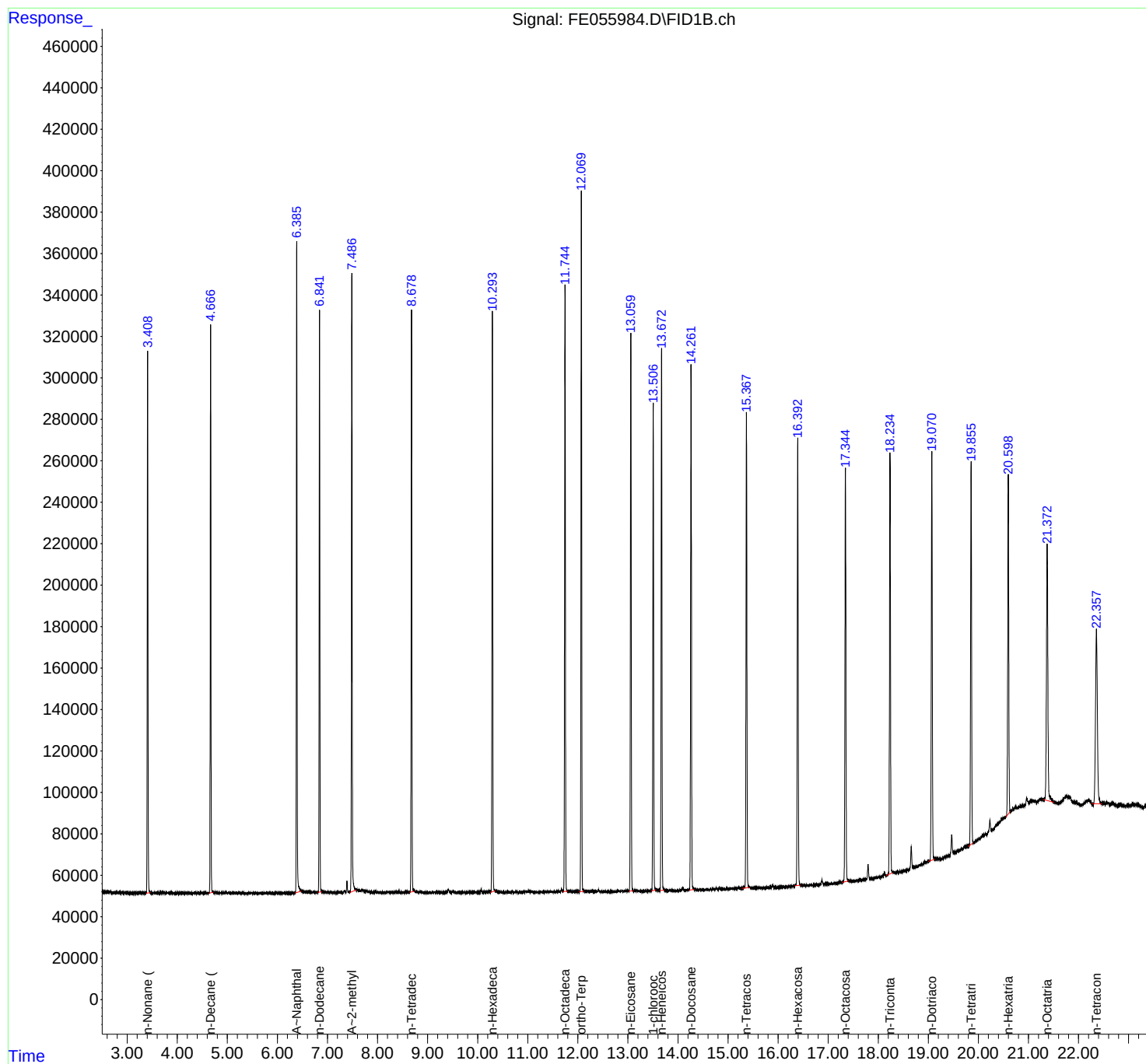
(m)=manual int.

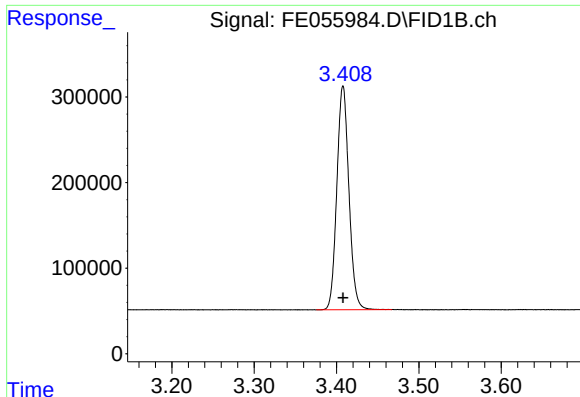
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
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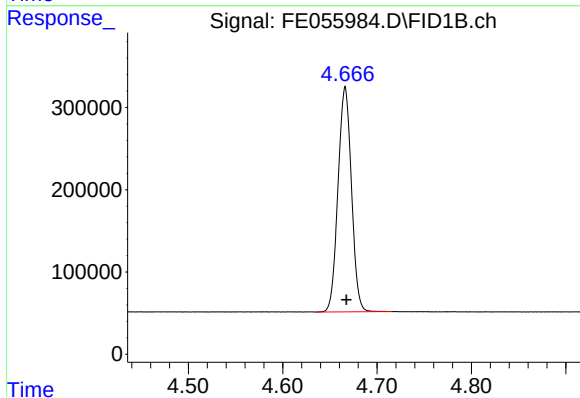




#1 n-Nonane (C9)

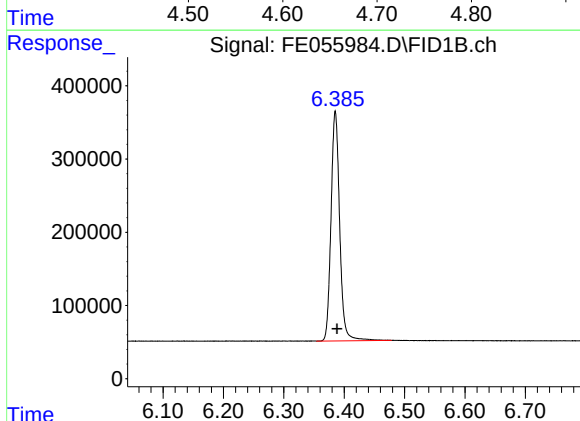
R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 2658138
Conc: 19.40 ug/ml

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20 PPM ALIPHATIC HC STD



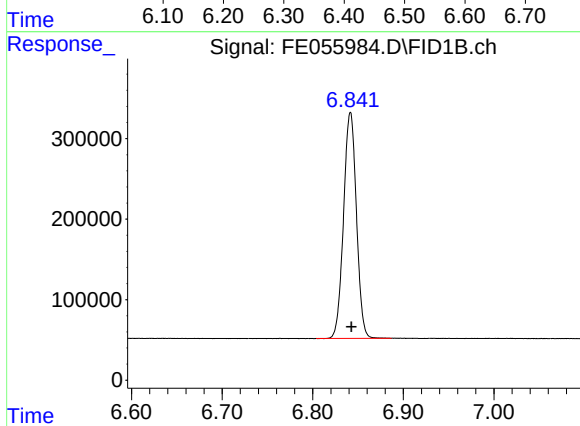
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 2703802
Conc: 19.37 ug/ml



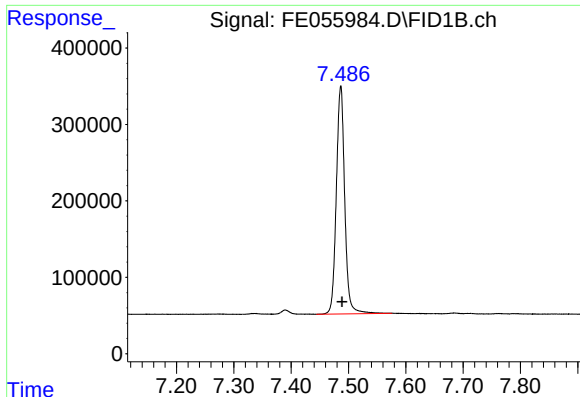
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 3124243
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

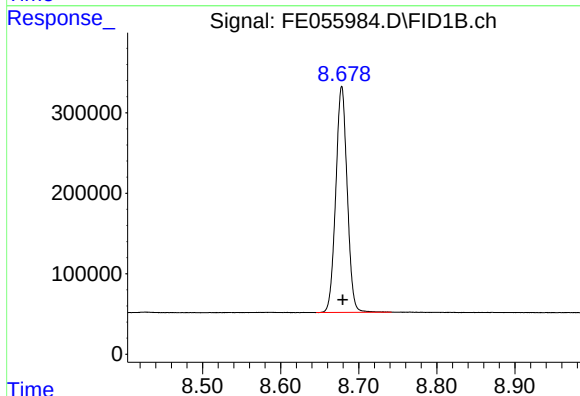
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 2774382
Conc: 19.33 ug/ml



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

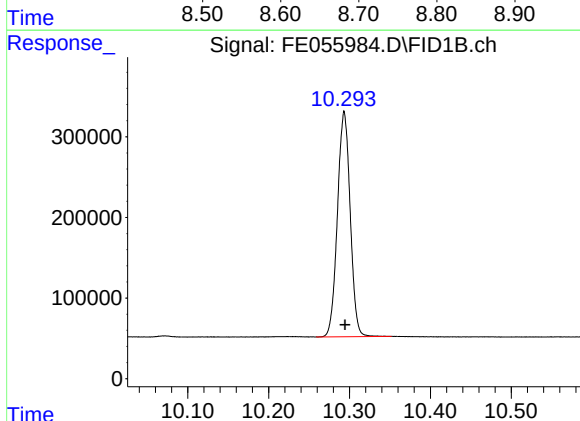
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 3041730
Conc: 19.56 ug/ml

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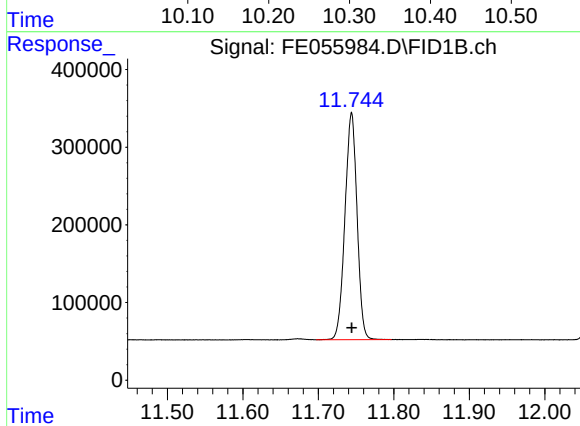
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 2849387
Conc: 19.27 ug/ml



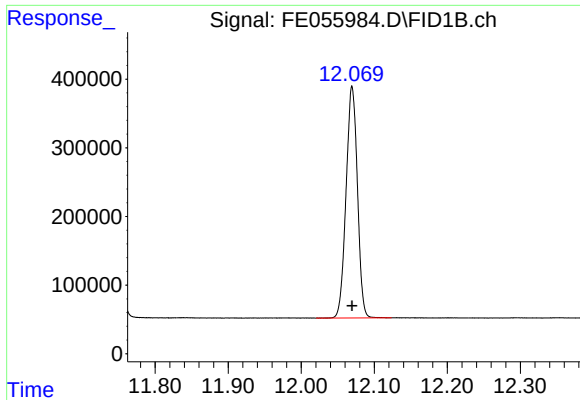
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: 0.000 min
Response: 3062106
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

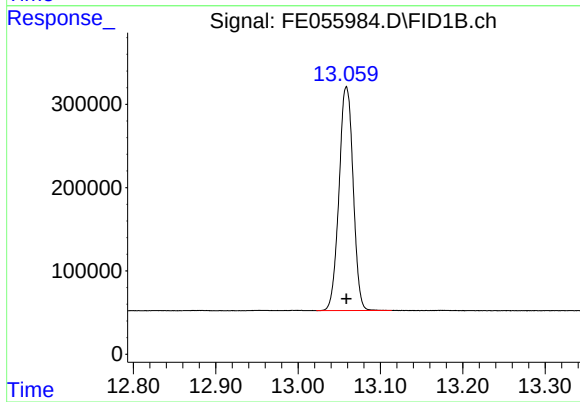
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 3256107
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

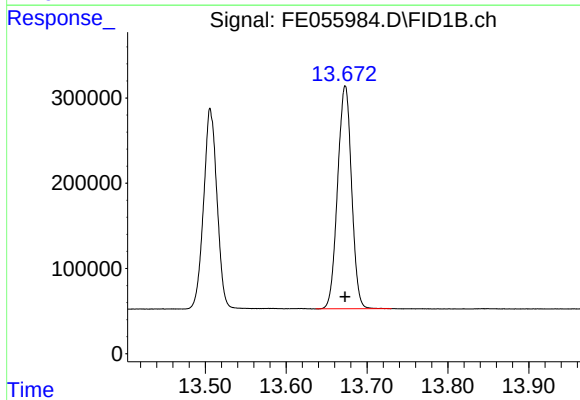
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 3641169
Conc: 19.40 ug/ml

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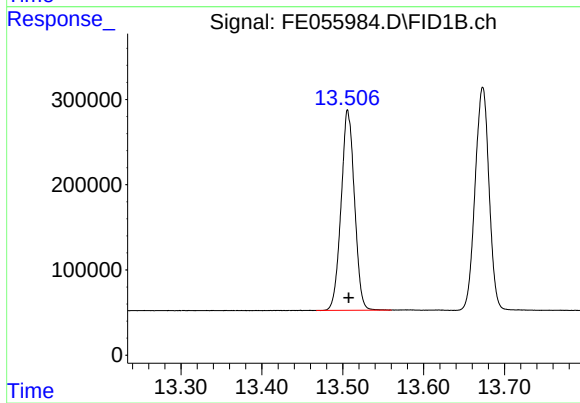
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 3198851
Conc: 19.30 ug/ml



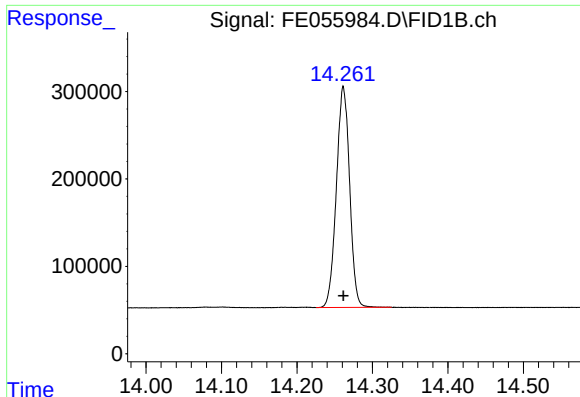
#11 n-Heneicosane (C21)

R.T.: 13.673 min
Delta R.T.: 0.000 min
Response: 3137854
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

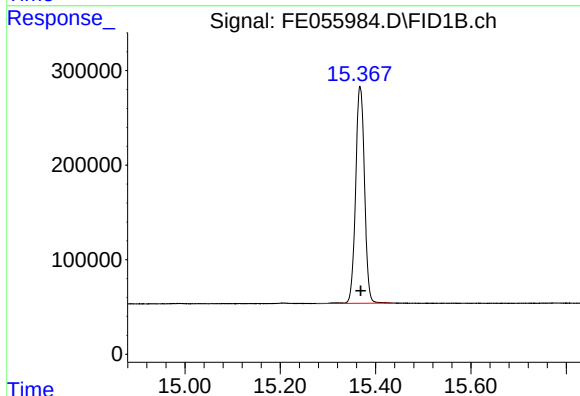
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 2701407
Conc: 19.36 ug/ml



#13 n-Docosane (C22)

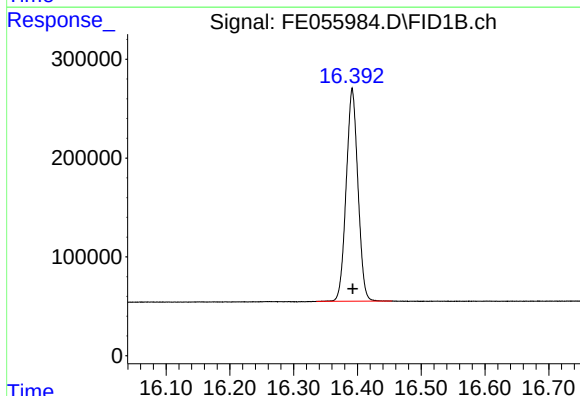
R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 3085034
Conc: 19.31 ug/ml

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20 PPM ALIPHATIC HC STD



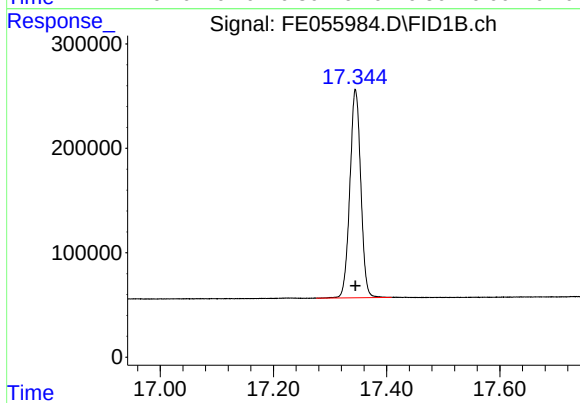
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.001 min
Response: 2955771
Conc: 19.40 ug/ml



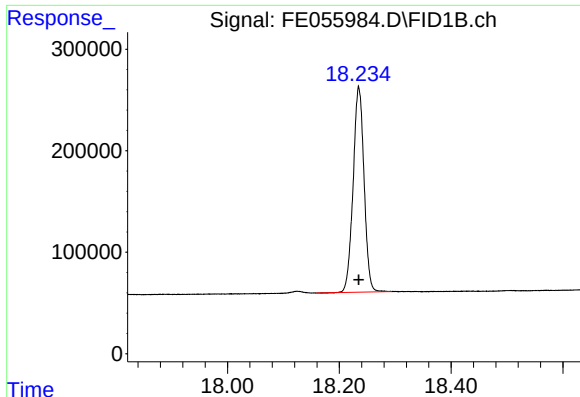
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: 0.000 min
Response: 2753454
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

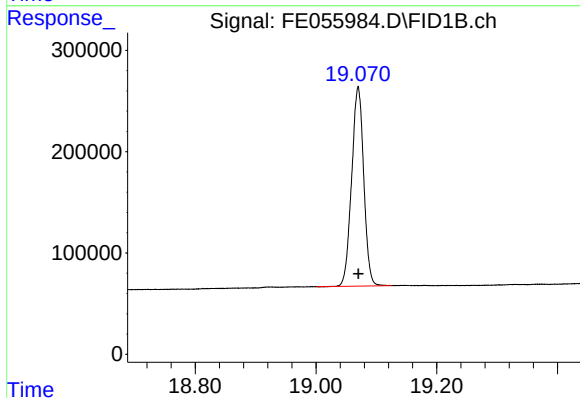
R.T.: 17.345 min
Delta R.T.: 0.000 min
Response: 2661752
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

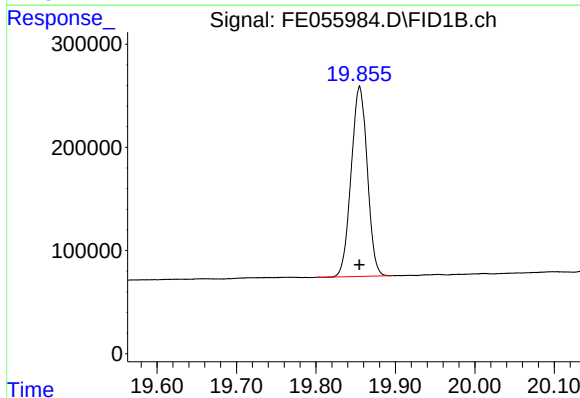
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2745084
Conc: 18.53 ug/ml

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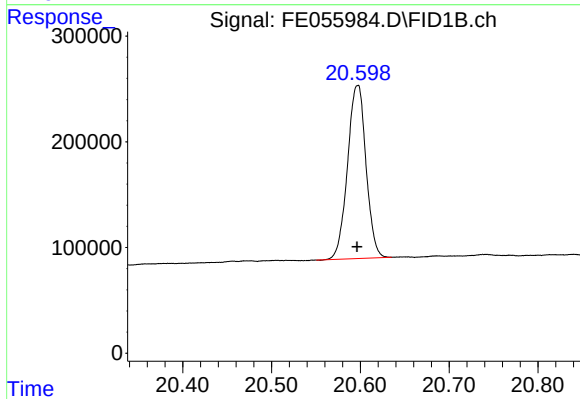
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 2732195
Conc: 18.31 ug/ml



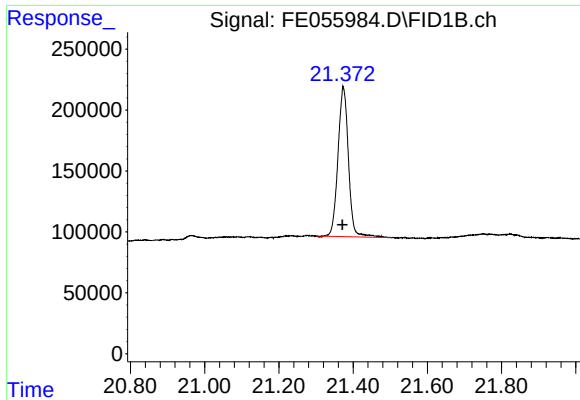
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 2595846
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

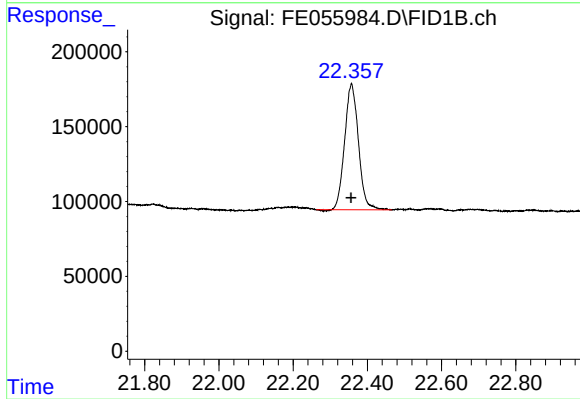
R.T.: 20.597 min
Delta R.T.: 0.000 min
Response: 2369392
Conc: 18.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.002 min
Response: 2410416
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: 0.000 min
Response: 2163400
Conc: 18.18 ug/ml