

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055058.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 08:57
 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: sample.E
 Quant Time: Jul 29 11:27:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.090	2982247	20.147 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.526	2237305	19.979 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.425	2379812	19.602 ug/ml
2) T n-Decane (C10)	4.683	2443147	19.739 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2826227	19.857 ug/ml
4) T n-Dodecane (C12)	6.860	2502903	19.747 ug/ml
5) T A~2-methylnaphthalene...	7.505	2754717	19.936 ug/ml
6) T n-Tetradecane (C14)	8.698	2560257	19.498 ug/ml
7) T n-Hexadecane (C16)	10.312	2682563	19.941 ug/ml
8) T n-Octadecane (C18)	11.763	2733206	20.082 ug/ml
10) T n-Eicosane (C20)	13.078	2622689	20.153 ug/ml
11) T n-Heneicosane (C21)	13.692	2574081	20.242 ug/ml
13) T n-Docosane (C22)	14.280	2555978	20.255 ug/ml
14) T n-Tetracosane (C24)	15.387	2566072	20.475 ug/ml
15) T n-Hexacosane (C26)	16.411	2541919	20.575 ug/ml
16) T n-Octacosane (C28)	17.363	2522571	20.349 ug/ml
17) T n-Tricontane (C30)	18.253	2615338	19.957 ug/ml
18) T n-Dotriacontane (C32)	19.088	2569122	19.705 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2422627	19.542 ug/ml
20) T n-Hexatriacontane (C36)	20.615	2266690	19.731 ug/ml
21) T n-Octatriacontane (C38)	21.396	2246730	19.991 ug/ml
22) T n-Tetracontane (C40)	22.391	2198775	19.941 ug/ml

(f)=RT Delta > 1/2 Window

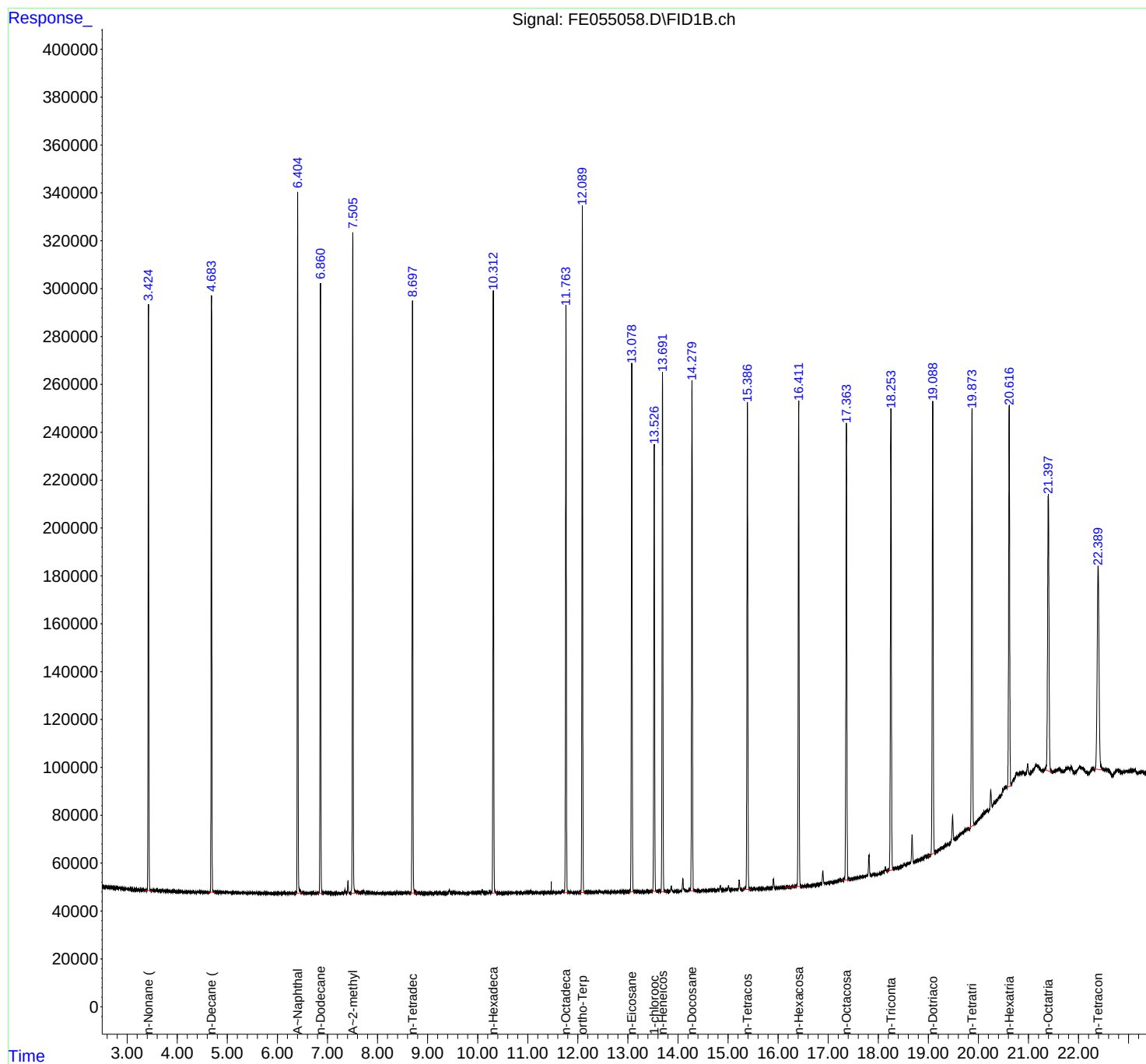
(m)=manual int.

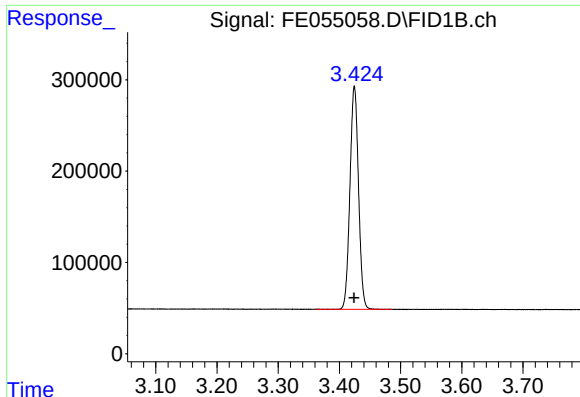
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
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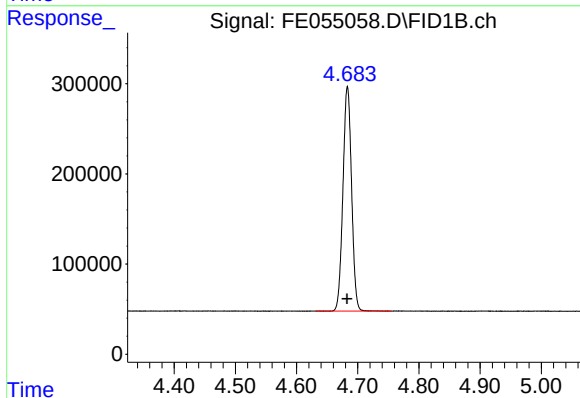




#1 n-Nonane (C9)

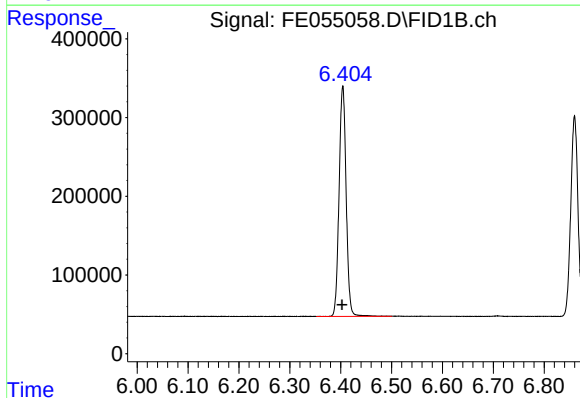
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 2379812
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



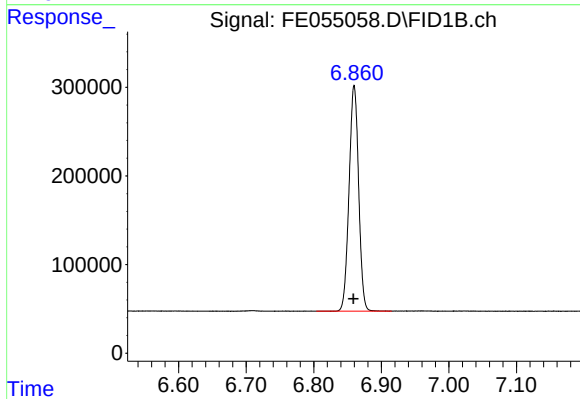
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 2443147
Conc: 19.74 ug/ml



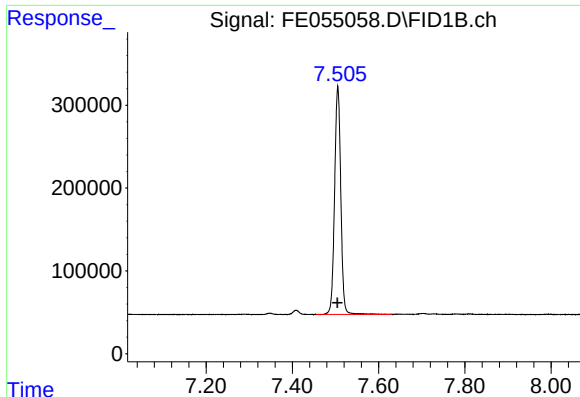
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 2826227
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

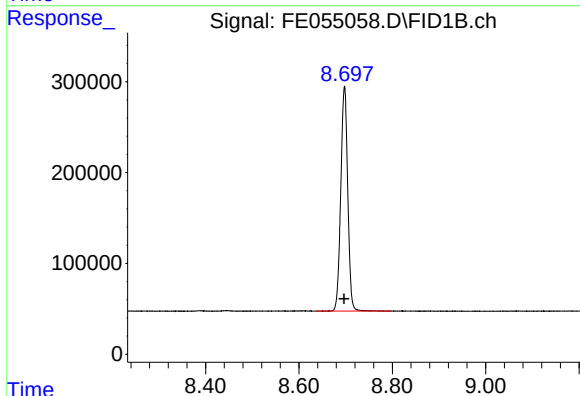
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 2502903
Conc: 19.75 ug/ml



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

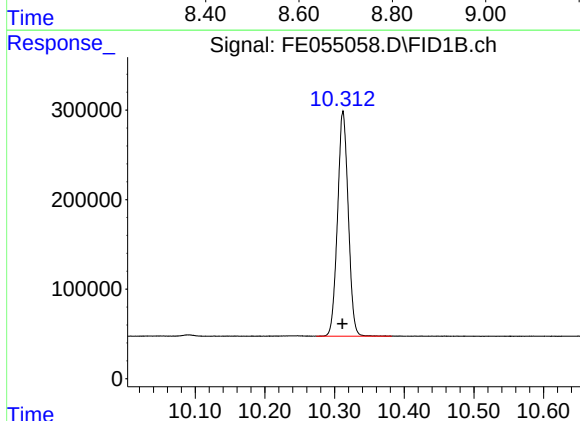
R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 2754717
Conc: 19.94 ug/ml

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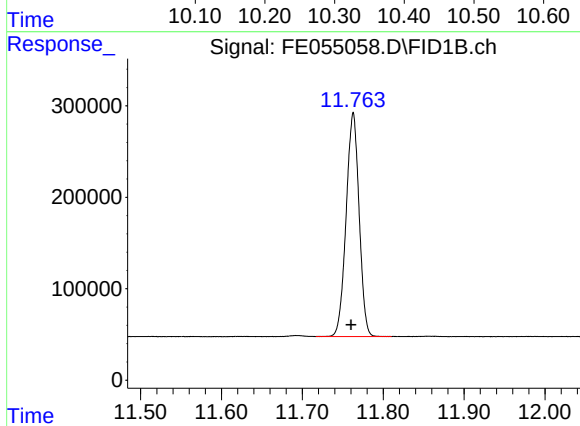
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.001 min
Response: 2560257
Conc: 19.50 ug/ml



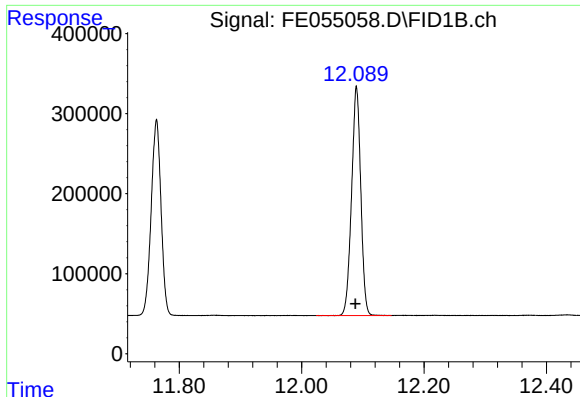
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.001 min
Response: 2682563
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

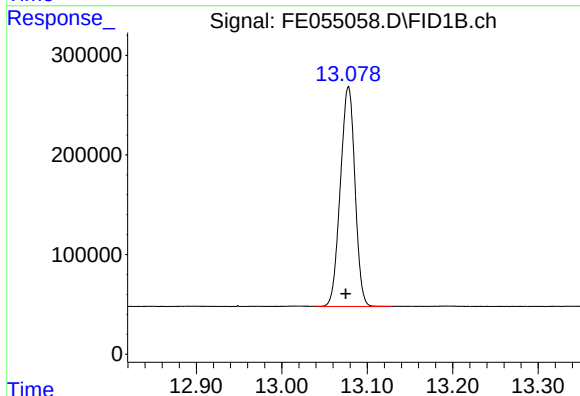
R.T.: 11.763 min
Delta R.T.: 0.002 min
Response: 2733206
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

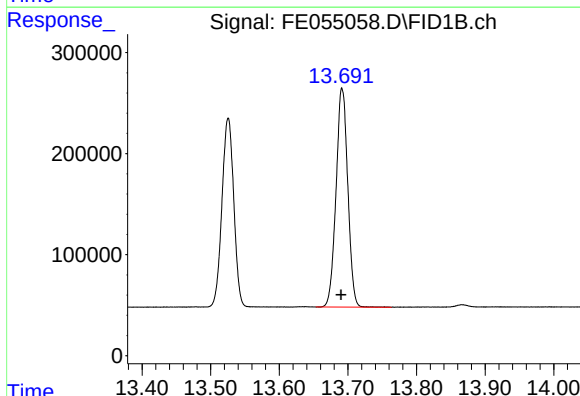
R.T.: 12.090 min
Delta R.T.: 0.002 min
Response: 2982247
Conc: 20.15 ug/ml

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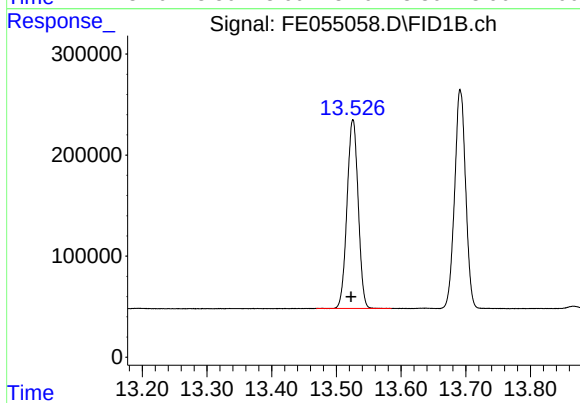
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.003 min
Response: 2622689
Conc: 20.15 ug/ml



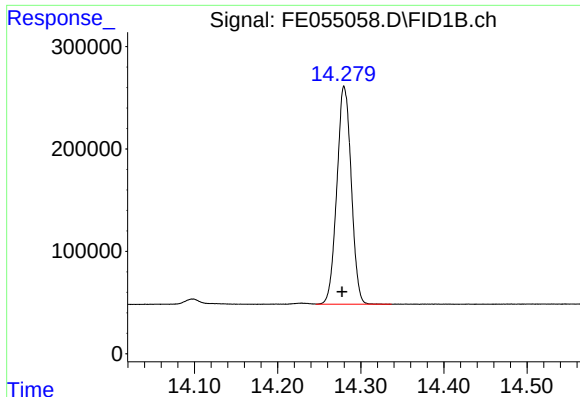
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2574081
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

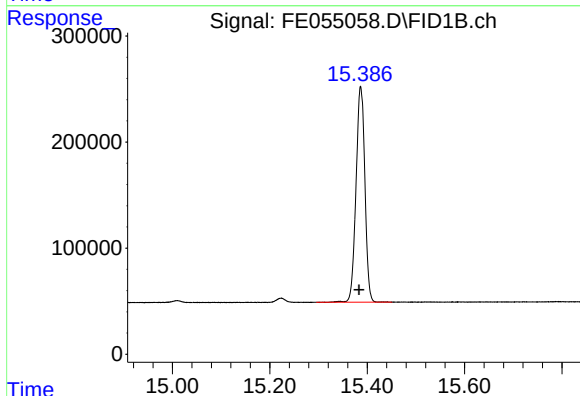
R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 2237305
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

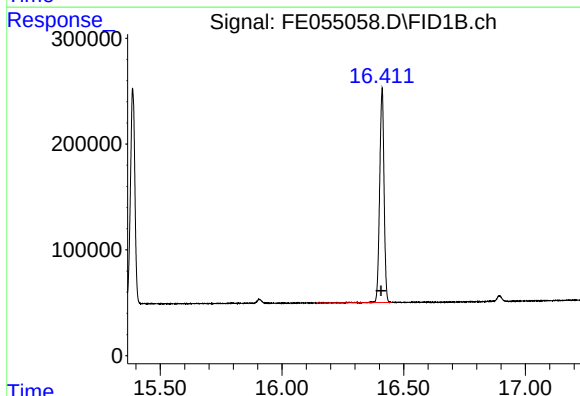
R.T.: 14.280 min
Delta R.T.: 0.003 min
Response: 2555978
Conc: 20.26 ug/ml

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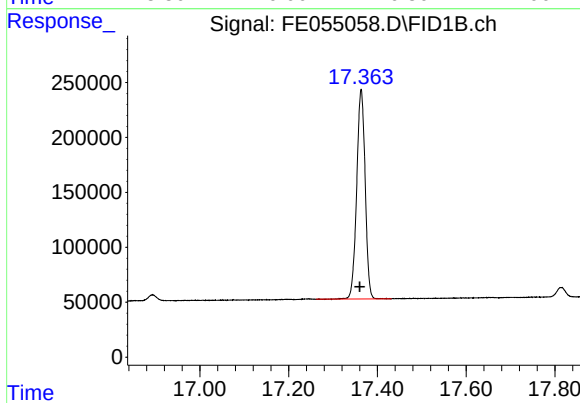
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.003 min
Response: 2566072
Conc: 20.48 ug/ml



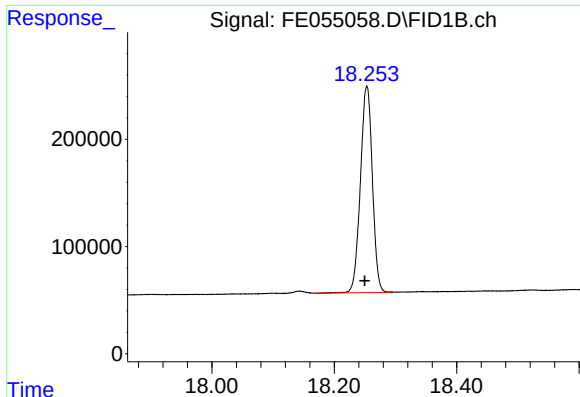
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 2541919
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

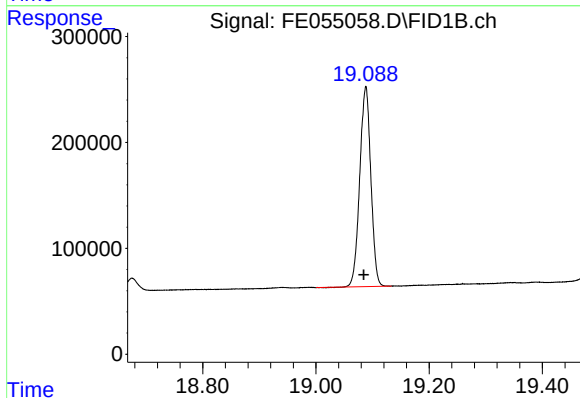
R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 2522571
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

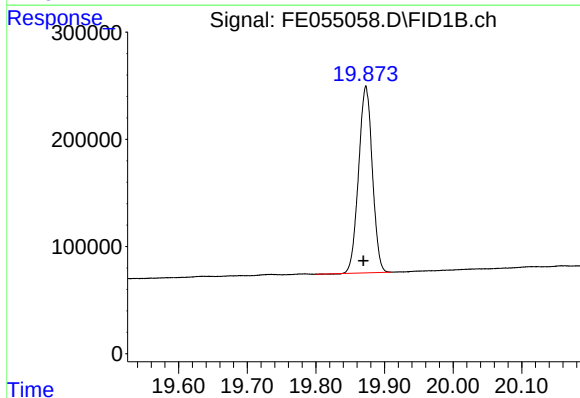
R.T.: 18.253 min
Delta R.T.: 0.004 min
Response: 2615338
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



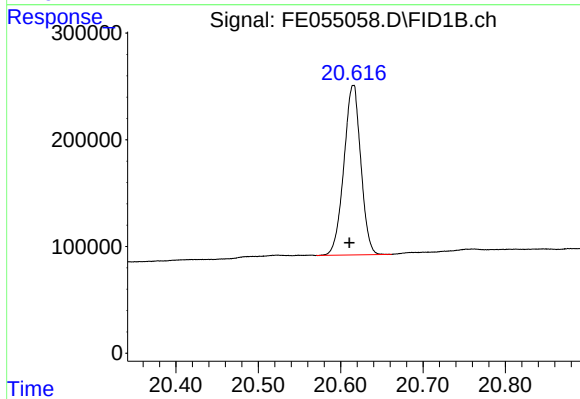
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.003 min
Response: 2569122
Conc: 19.70 ug/ml



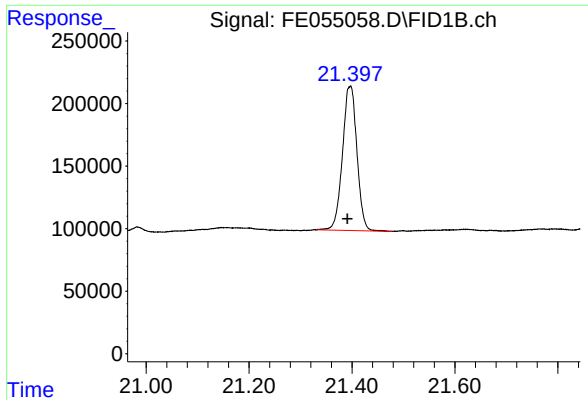
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.004 min
Response: 2422627
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

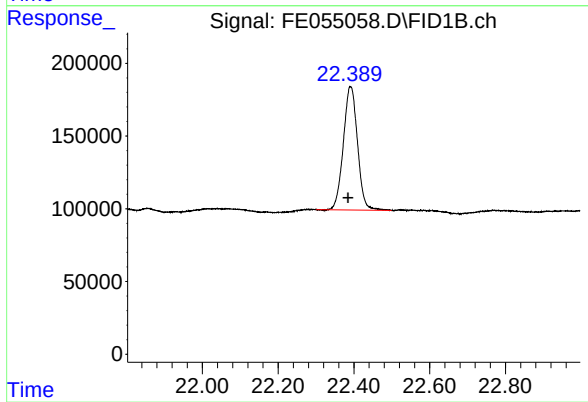
R.T.: 20.615 min
Delta R.T.: 0.005 min
Response: 2266690
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.005 min
Response: 2246730
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.007 min
Response: 2198775
Conc: 19.94 ug/ml