

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
 Data File : FE055029.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 17:17
 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: Jul 26 00:09:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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	3169669	19.518 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.526	2416642	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.425	2481461	18.448 ug/ml
2) T n-Decane (C10)	4.684	2614926	19.164 ug/ml
3) T A~Naphthalene (C11.7)	6.404	3024902	19.978 ug/ml
4) T n-Dodecane (C12)	6.860	2701024	19.686 ug/ml
5) T A~2-methylnaphthalene...	7.506	2965700	20.174 ug/ml
6) T n-Tetradecane (C14)	8.698	2776676	20.030 ug/ml
7) T n-Hexadecane (C16)	10.314	2886239	20.253 ug/ml
8) T n-Octadecane (C18)	11.764	2918355	19.913 ug/ml
10) T n-Eicosane (C20)	13.078	2790262	19.405 ug/ml
11) T n-Heneicosane (C21)	13.692	2727835	19.098 ug/ml
13) T n-Docosane (C22)	14.280	2709564	18.976 ug/ml
14) T n-Tetracosane (C24)	15.386	2722605	18.729 ug/ml
15) T n-Hexacosane (C26)	16.410	2676266	18.493 ug/ml
16) T n-Octacosane (C28)	17.363	2706581	18.572 ug/ml
17) T n-Tricontane (C30)	18.252	2909482	18.463 ug/ml
18) T n-Dotriacontane (C32)	19.087	3000935	18.549 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2798409	18.363 ug/ml
20) T n-Hexatriacontane (C36)	20.615	2571287	19.124 ug/ml
21) T n-Octatriacontane (C38)	21.395	2567625	21.892 ug/ml
22) T n-Tetracontane (C40)	22.392	2349720	21.680 ug/ml

(f)=RT Delta > 1/2 Window

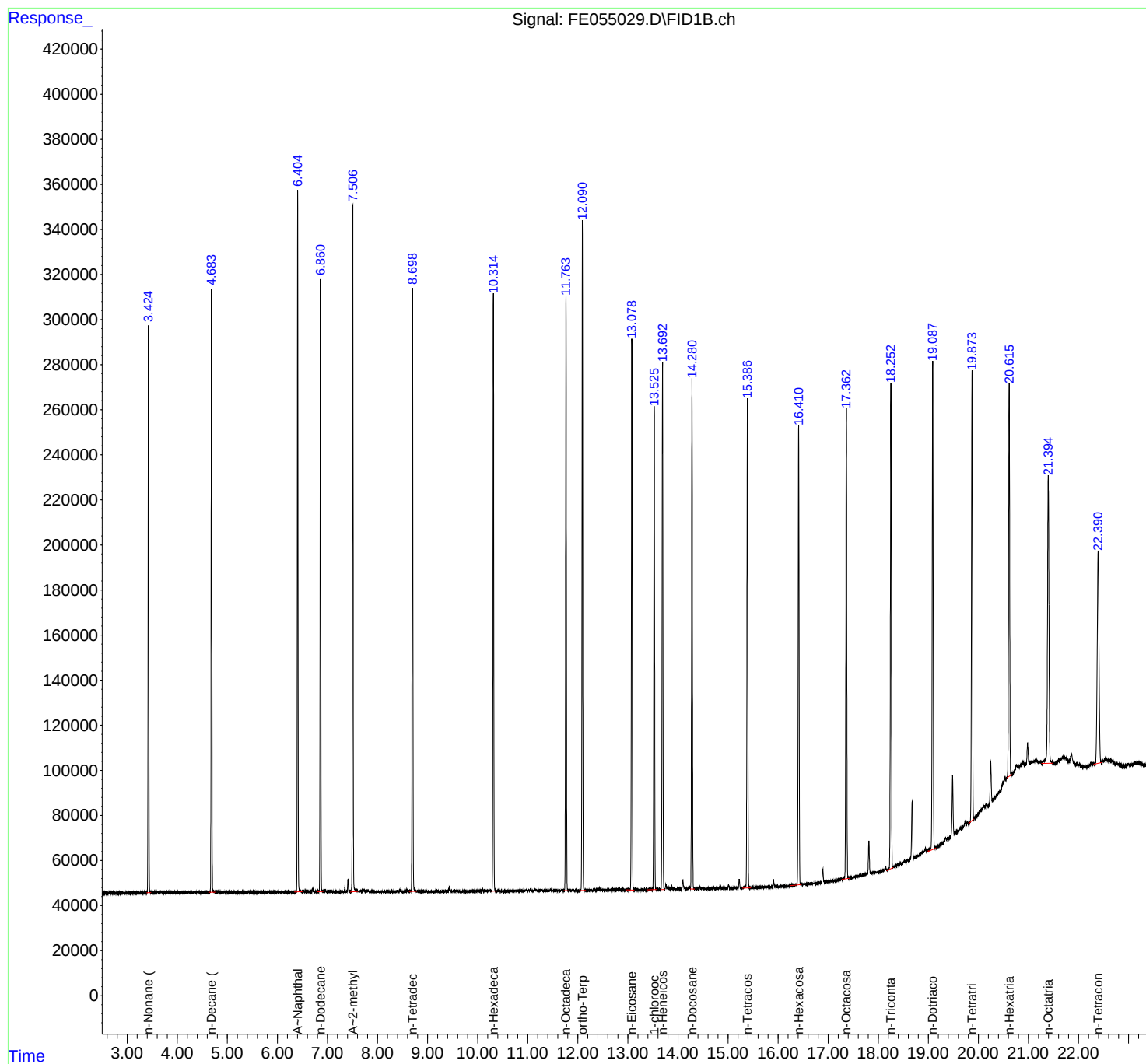
(m)=manual int.

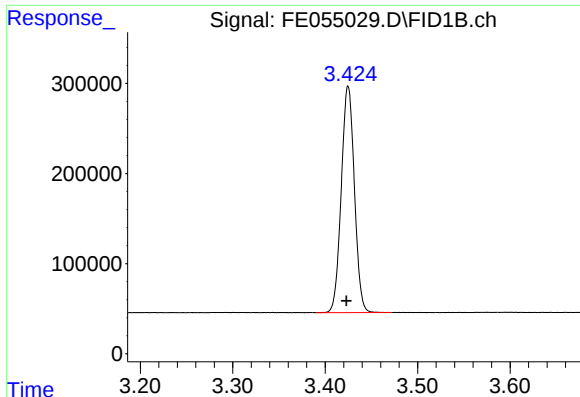
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
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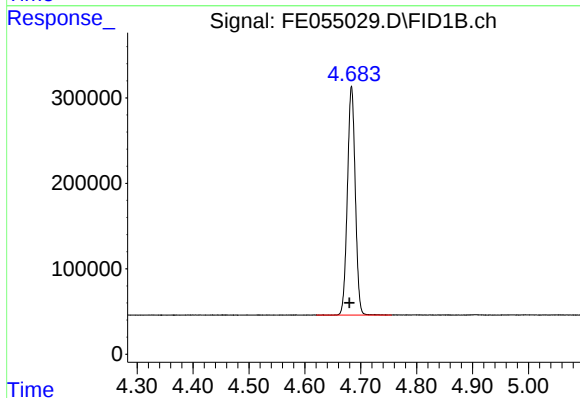




#1 n-Nonane (C9)

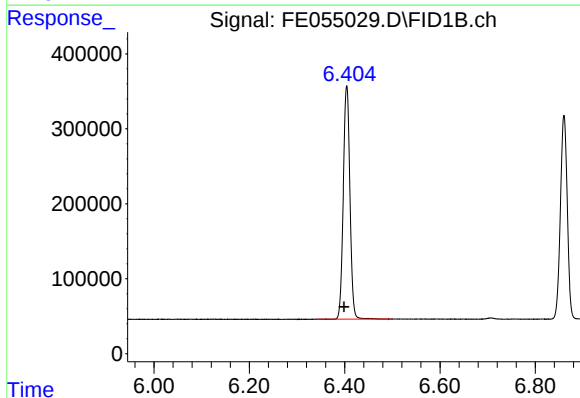
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2481461
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



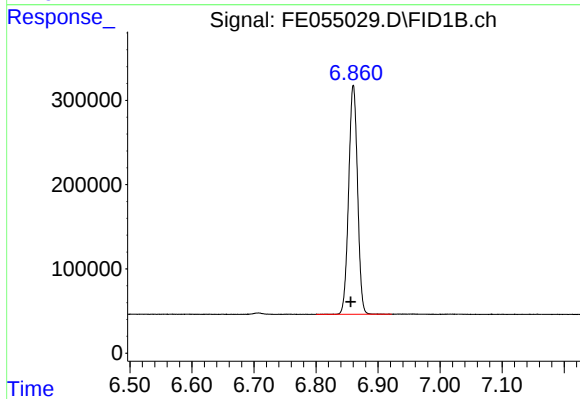
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 2614926
Conc: 19.16 ug/ml



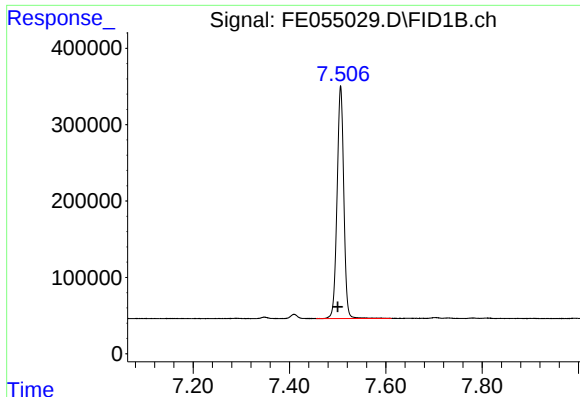
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 3024902
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

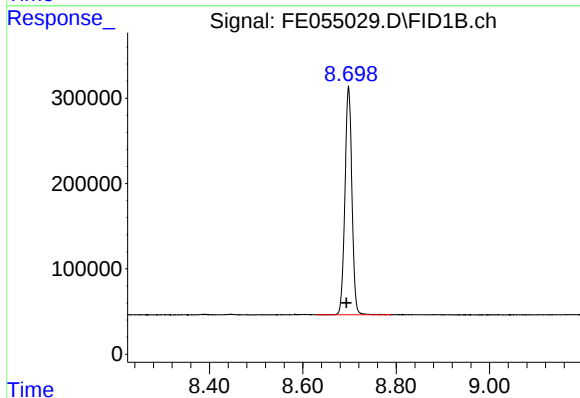
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 2701024
Conc: 19.69 ug/ml



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

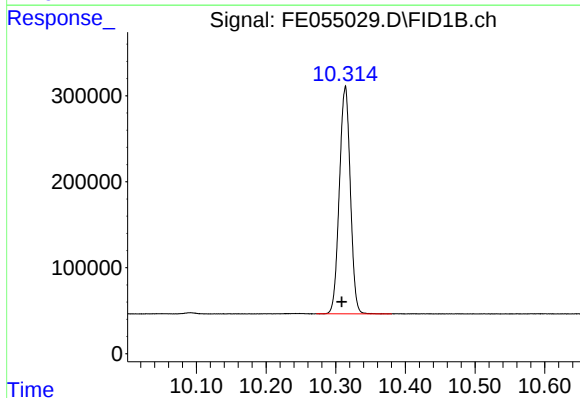
R.T.: 7.506 min
Delta R.T.: 0.006 min
Response: 2965700
Conc: 20.17 ug/ml

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20 PPM ALIPHATIC HC STD



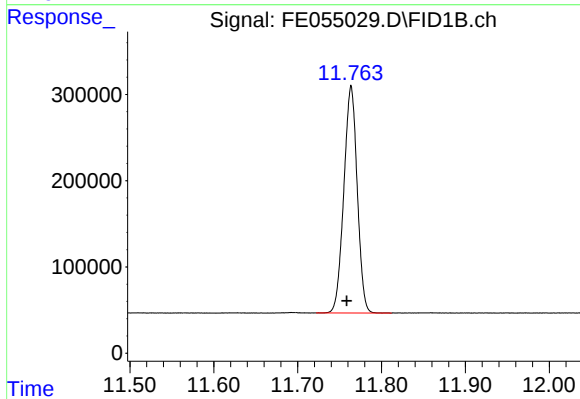
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 2776676
Conc: 20.03 ug/ml



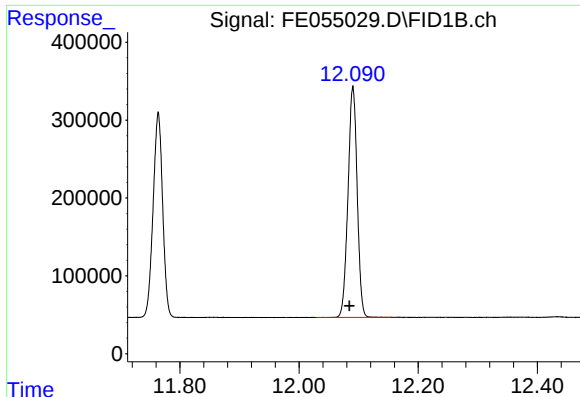
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 2886239
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

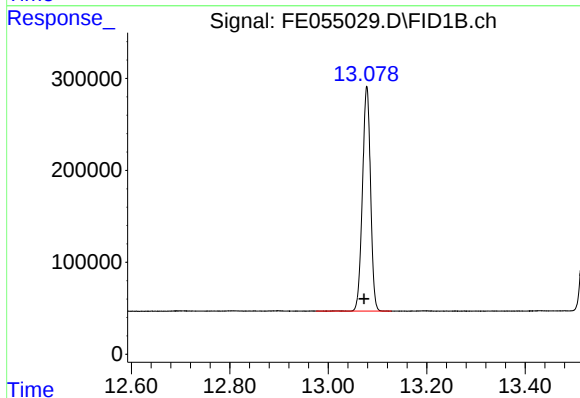
R.T.: 11.764 min
Delta R.T.: 0.005 min
Response: 2918355
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

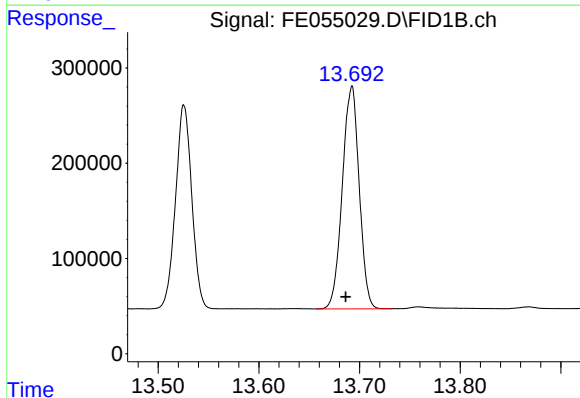
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 3169669
Conc: 19.52 ug/ml

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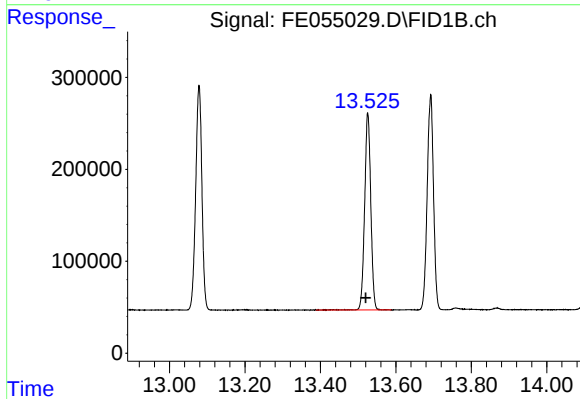
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.006 min
Response: 2790262
Conc: 19.40 ug/ml



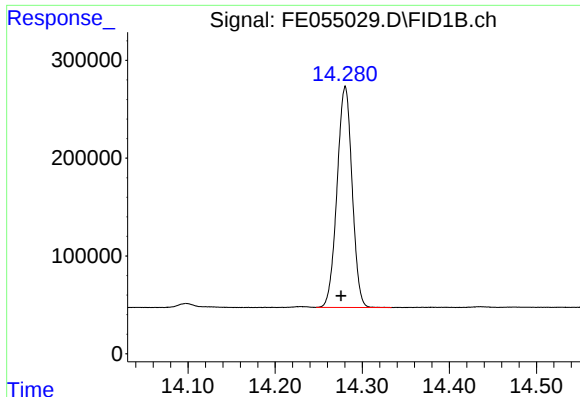
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 2727835
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

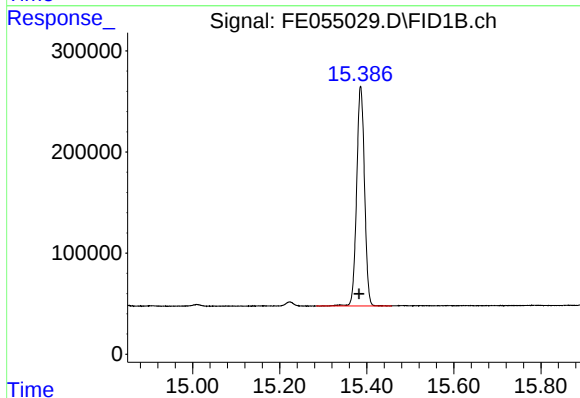
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 2416642
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

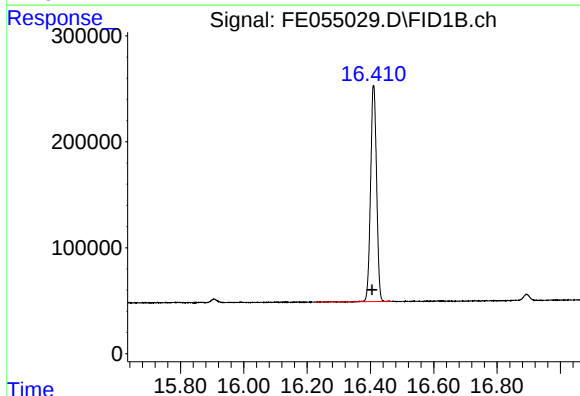
R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 2709564
Conc: 18.98 ug/ml

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20 PPM ALIPHATIC HC STD



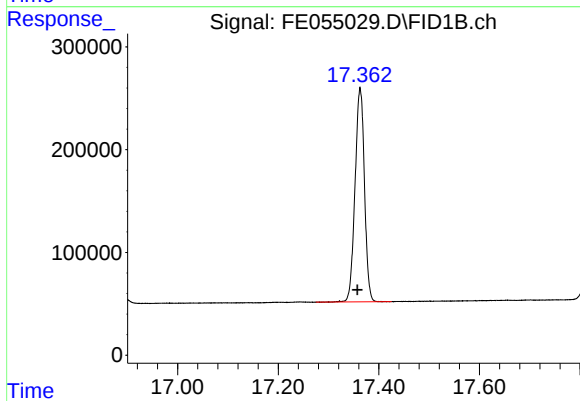
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 2722605
Conc: 18.73 ug/ml



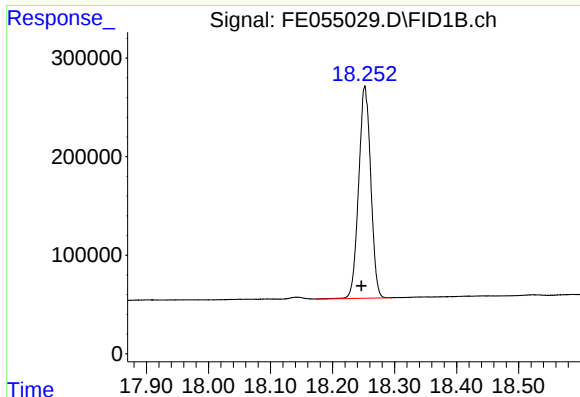
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2676266
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

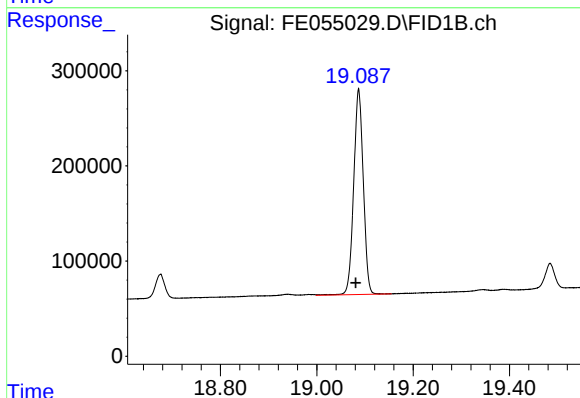
R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 2706581
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

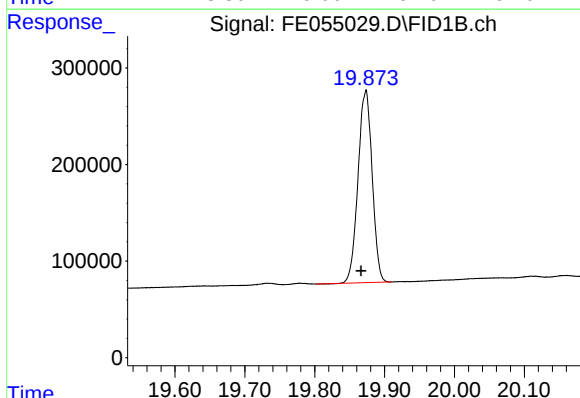
R.T.: 18.252 min
Delta R.T.: 0.006 min
Response: 2909482
Conc: 18.46 ug/ml

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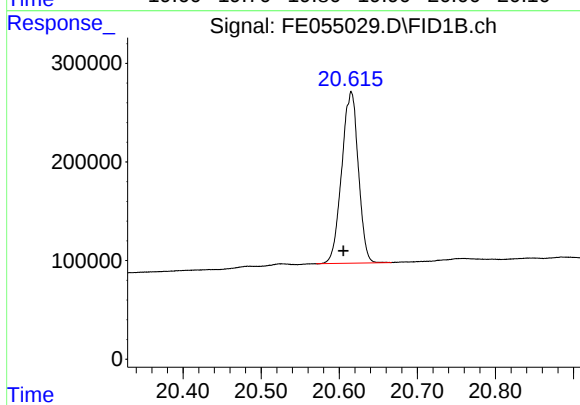
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 3000935
Conc: 18.55 ug/ml



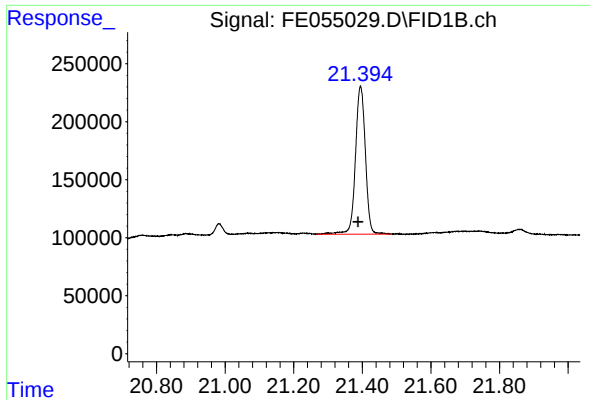
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2798409
Conc: 18.36 ug/ml



#20 n-Hexatriacontane (C36)

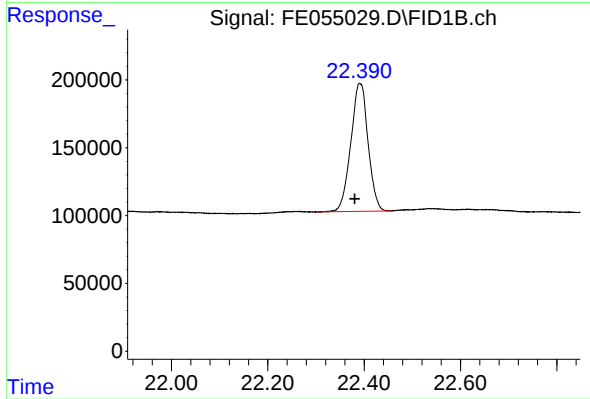
R.T.: 20.615 min
Delta R.T.: 0.009 min
Response: 2571287
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.007 min
Response: 2567625
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 2349720
Conc: 21.68 ug/ml