

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055337.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 20:58
 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 18 04:54:28 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)	12.080	2382105	16.681 ug/ml
Spiked Amount 50.000		Recovery =	33.36%
12) S 1-chlorooctadecane (S...	13.516	1832171	17.040 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
Target Compounds			
1) T n-Nonane (C9)	3.419	1803416	15.713 ug/ml
2) T n-Decane (C10)	4.677	1903589	16.340 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2169019	16.159 ug/ml
4) T n-Dodecane (C12)	6.852	1969873	16.542 ug/ml
5) T A~2-methylnaphthalene...	7.497	2118133	16.245 ug/ml
6) T n-Tetradecane (C14)	8.689	2035490	16.601 ug/ml
7) T n-Hexadecane (C16)	10.304	2131720	16.674 ug/ml
8) T n-Octadecane (C18)	11.754	2197568	16.843 ug/ml
10) T n-Eicosane (C20)	13.068	2137856	17.038 ug/ml
11) T n-Heneicosane (C21)	13.683	2069484	16.789 ug/ml
13) T n-Docosane (C22)	14.271	2139787	17.522 ug/ml
14) T n-Tetracosane (C24)	15.377	2286588	18.799 ug/ml
15) T n-Hexacosane (C26)	16.402	2377442	19.871 ug/ml
16) T n-Octacosane (C28)	17.354	2529771	21.326 ug/ml
17) T n-Tricontane (C30)	18.244	2837026	23.056 ug/ml
18) T n-Dotriacontane (C32)	19.078	3015779	24.717 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2724842	23.305 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2371886	21.701 ug/ml
21) T n-Octatriacontane (C38)	21.382	2121845	19.634 ug/ml
22) T n-Tetracontane (C40)	22.371	1940687	18.558 ug/ml

(f)=RT Delta > 1/2 Window

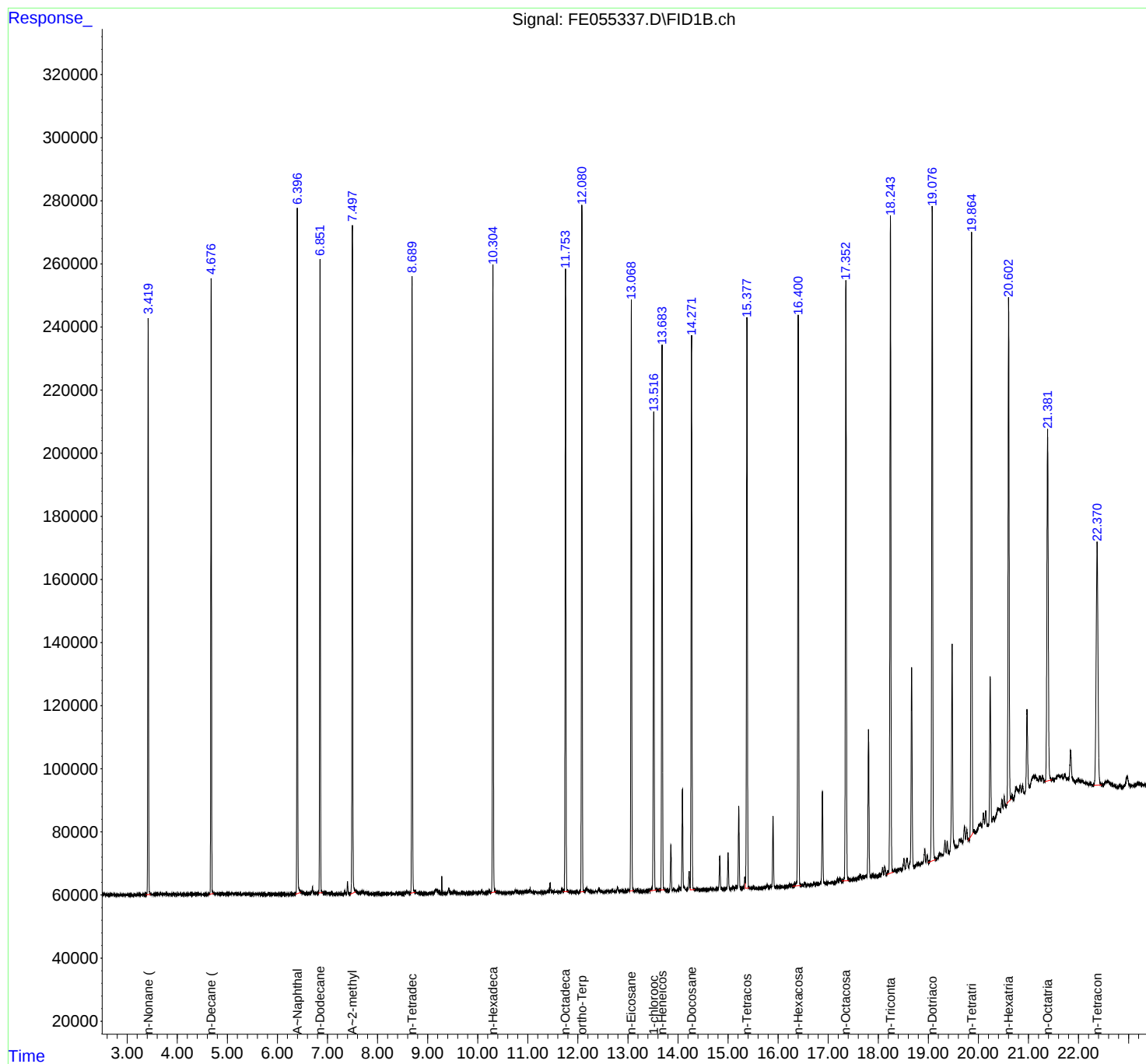
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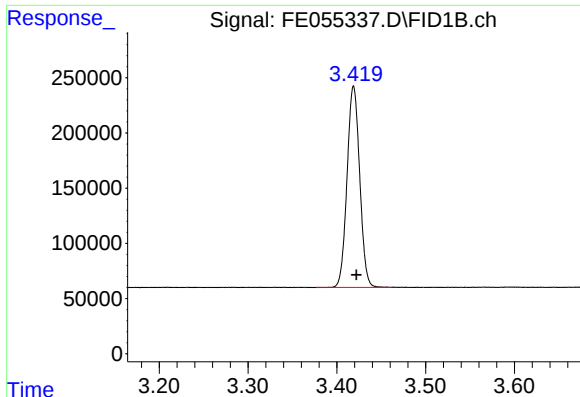
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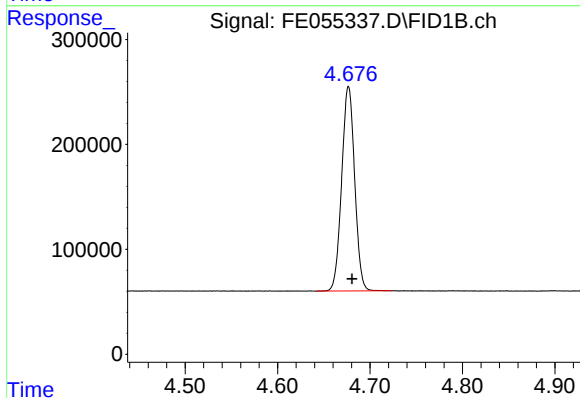




#1 n-Nonane (C9)

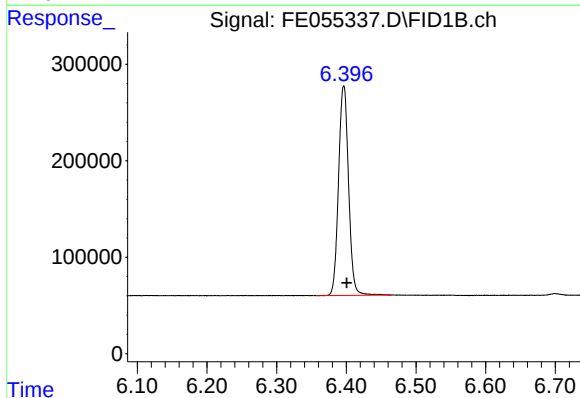
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 1803416
Conc: 15.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



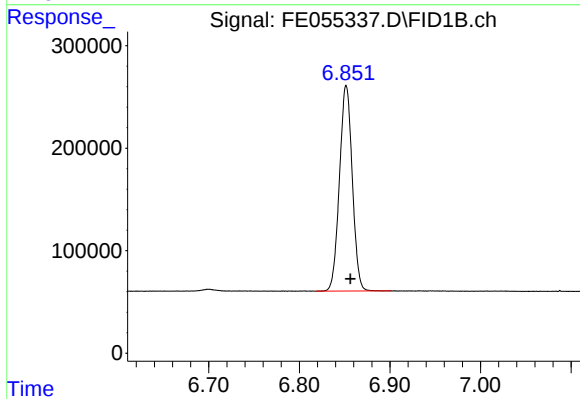
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 1903589
Conc: 16.34 ug/ml



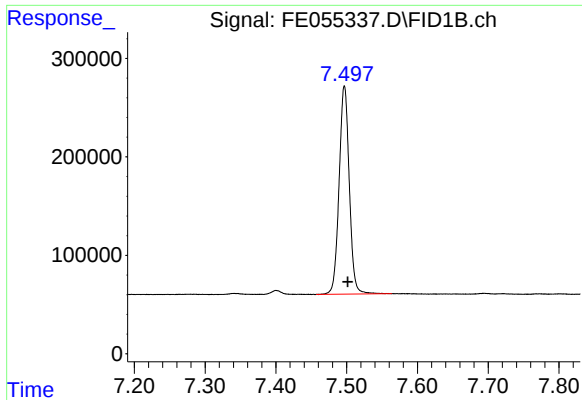
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 2169019
Conc: 16.16 ug/ml



#4 n-Dodecane (C12)

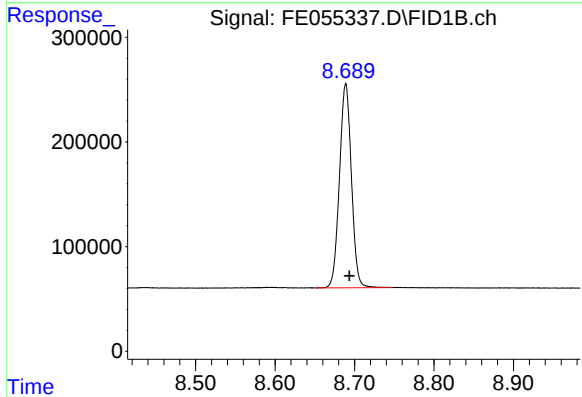
R.T.: 6.852 min
Delta R.T.: -0.005 min
Response: 1969873
Conc: 16.54 ug/ml



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

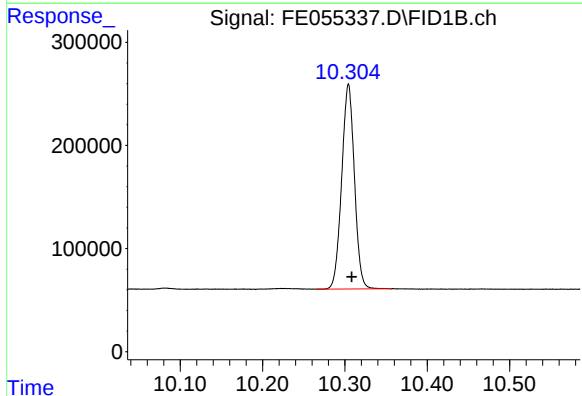
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 2118133
Conc: 16.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



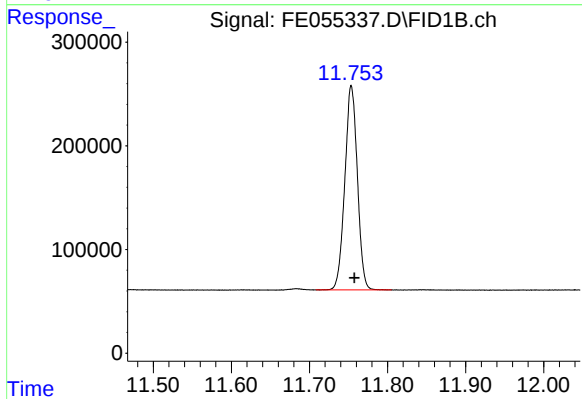
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 2035490
Conc: 16.60 ug/ml



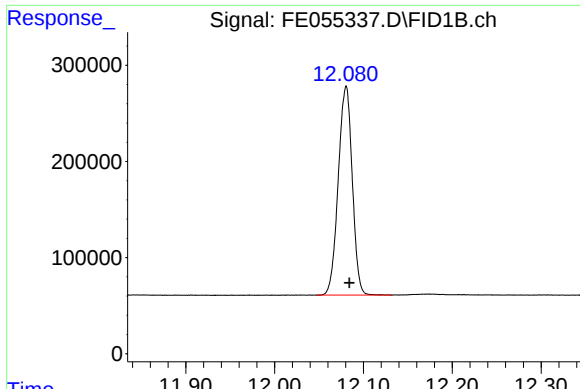
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 2131720
Conc: 16.67 ug/ml



#8 n-Octadecane (C18)

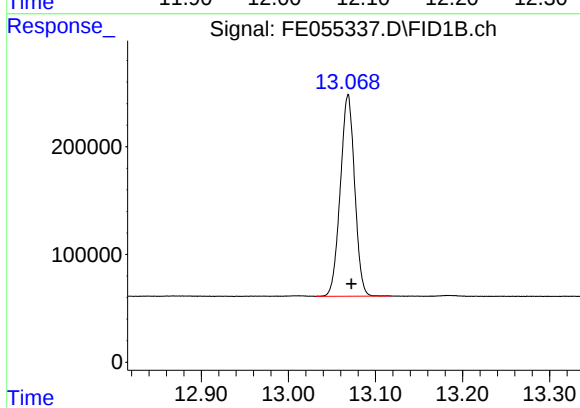
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 2197568
Conc: 16.84 ug/ml



#9 ortho-Terphenyl (SURR)

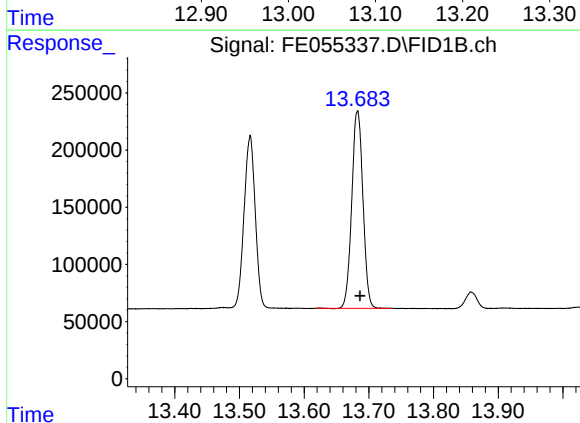
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 2382105
Conc: 16.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



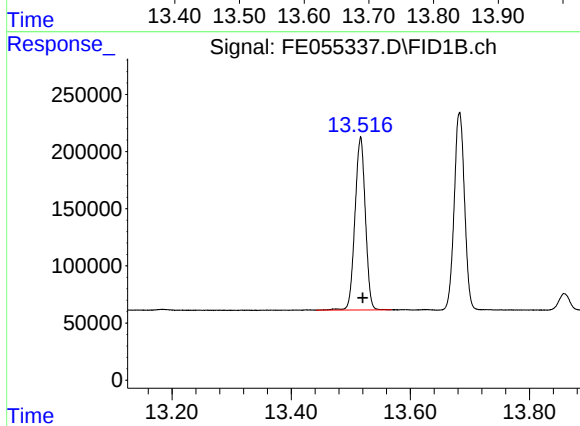
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 2137856
Conc: 17.04 ug/ml



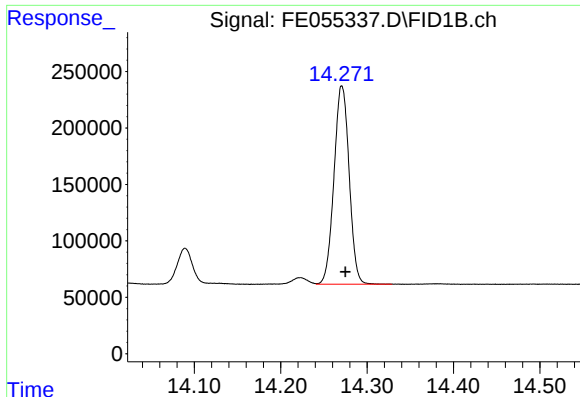
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 2069484
Conc: 16.79 ug/ml



#12 1-chlorooctadecane (SURR)

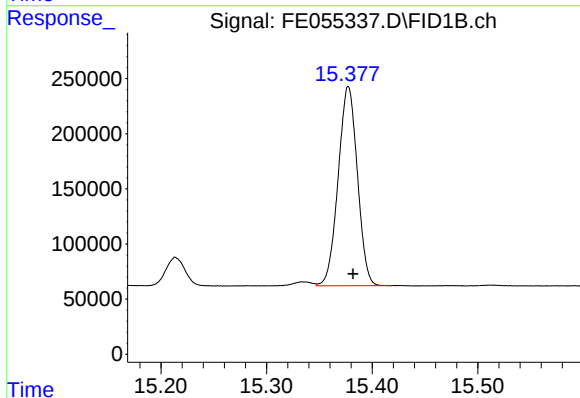
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 1832171
Conc: 17.04 ug/ml



#13 n-Docosane (C22)

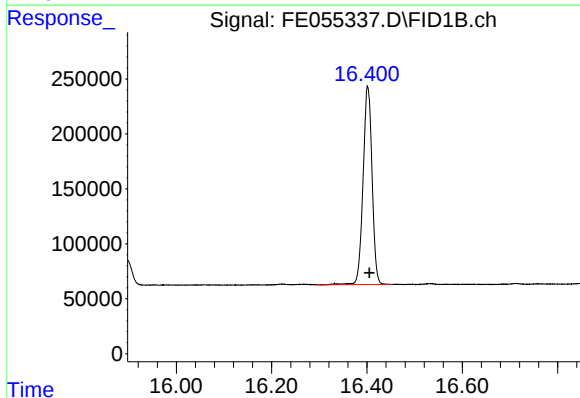
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 2139787
Conc: 17.52 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



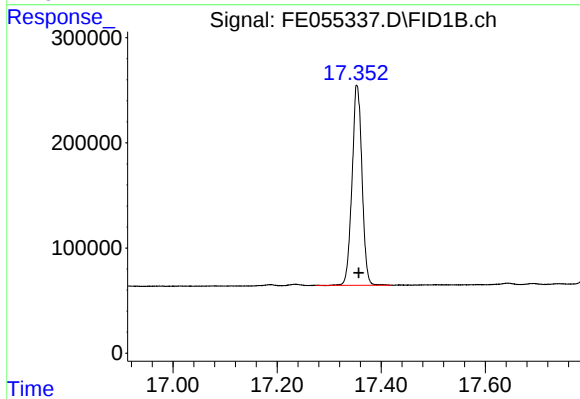
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.004 min
Response: 2286588
Conc: 18.80 ug/ml



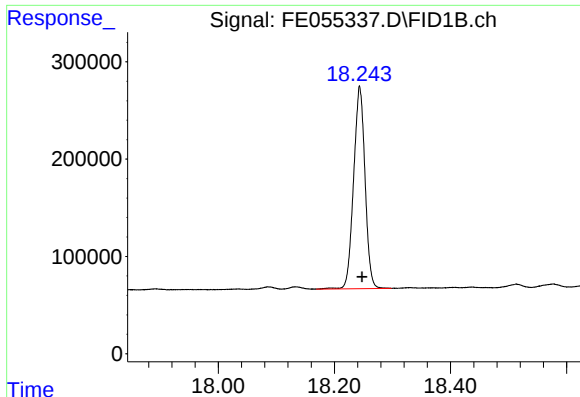
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 2377442
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

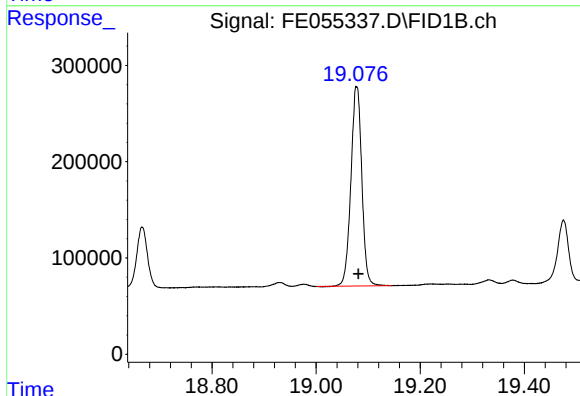
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 2529771
Conc: 21.33 ug/ml



#17 n-Tricontane (C30)

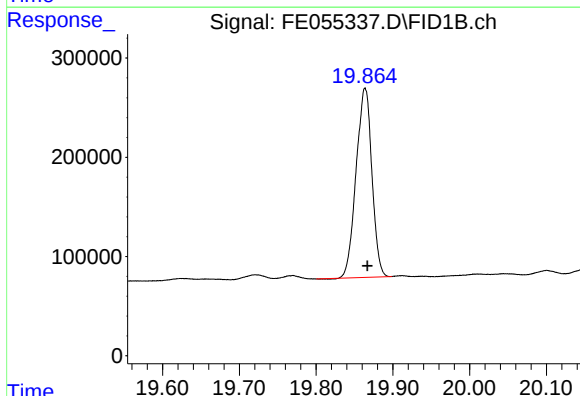
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 2837026
Conc: 23.06 ug/ml

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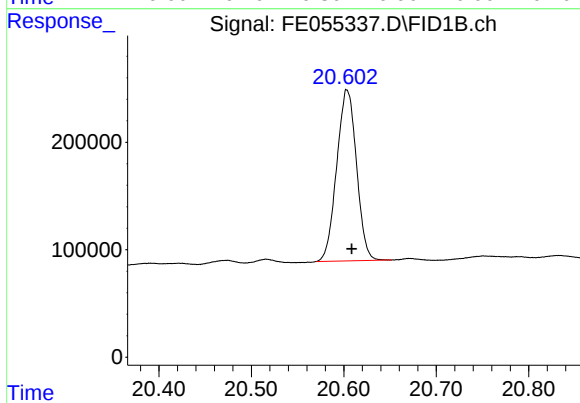
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 3015779
Conc: 24.72 ug/ml



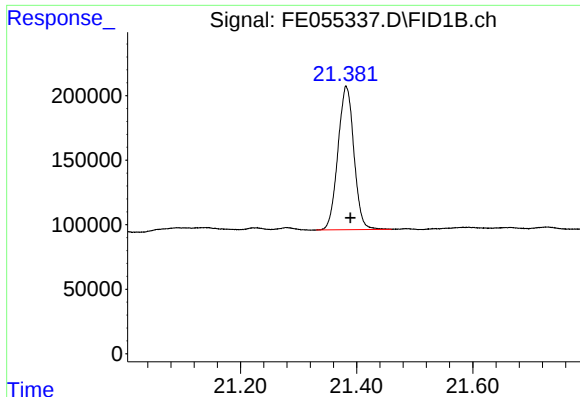
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 2724842
Conc: 23.31 ug/ml



#20 n-Hexatriacontane (C36)

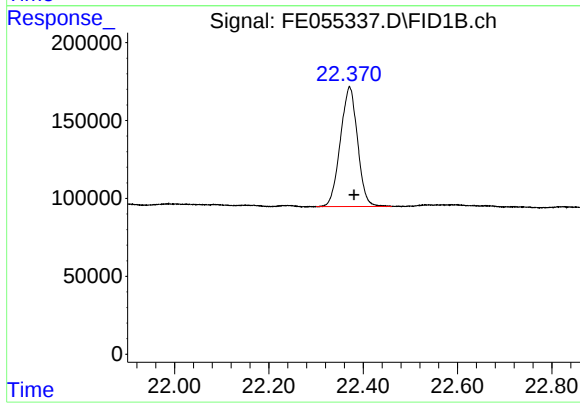
R.T.: 20.604 min
Delta R.T.: -0.005 min
Response: 2371886
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.007 min
Response: 2121845
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 1940687
Conc: 18.56 ug/ml