

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054891.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 08:16
 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 17 14:35:59 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)	12.092	3181161	19.589 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.527	2418727	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T n-Nonane (C9)	3.427	2460529	18.293 ug/ml
2) T n-Decane (C10)	4.686	2657165	19.474 ug/ml
3) T A~Naphthalene (C11.7)	6.406	3043182	20.099 ug/ml
4) T n-Dodecane (C12)	6.862	2776248	20.234 ug/ml
5) T A~2-methylnaphthalene...	7.507	2993516	20.363 ug/ml
6) T n-Tetradecane (C14)	8.699	2850228	20.561 ug/ml
7) T n-Hexadecane (C16)	10.315	2933792	20.587 ug/ml
8) T n-Octadecane (C18)	11.765	2947218	20.110 ug/ml
10) T n-Eicosane (C20)	13.079	2793678	19.428 ug/ml
11) T n-Heneicosane (C21)	13.694	2727529	19.096 ug/ml
13) T n-Docosane (C22)	14.282	2713676	19.005 ug/ml
14) T n-Tetracosane (C24)	15.389	2732044	18.794 ug/ml
15) T n-Hexacosane (C26)	16.412	2704185	18.686 ug/ml
16) T n-Octacosane (C28)	17.364	2718920	18.656 ug/ml
17) T n-Tricontane (C30)	18.255	2929285	18.589 ug/ml
18) T n-Dotriacontane (C32)	19.089	2983639	18.442 ug/ml
19) T n-Tetratriacontane (C34)	19.876	2802978	18.393 ug/ml
20) T n-Hexatriacontane (C36)	20.617	2553242	18.990 ug/ml
21) T n-Octatriacontane (C38)	21.399	2624828	22.380 ug/ml
22) T n-Tetracontane (C40)	22.396	2311269	21.325 ug/ml

(f)=RT Delta > 1/2 Window

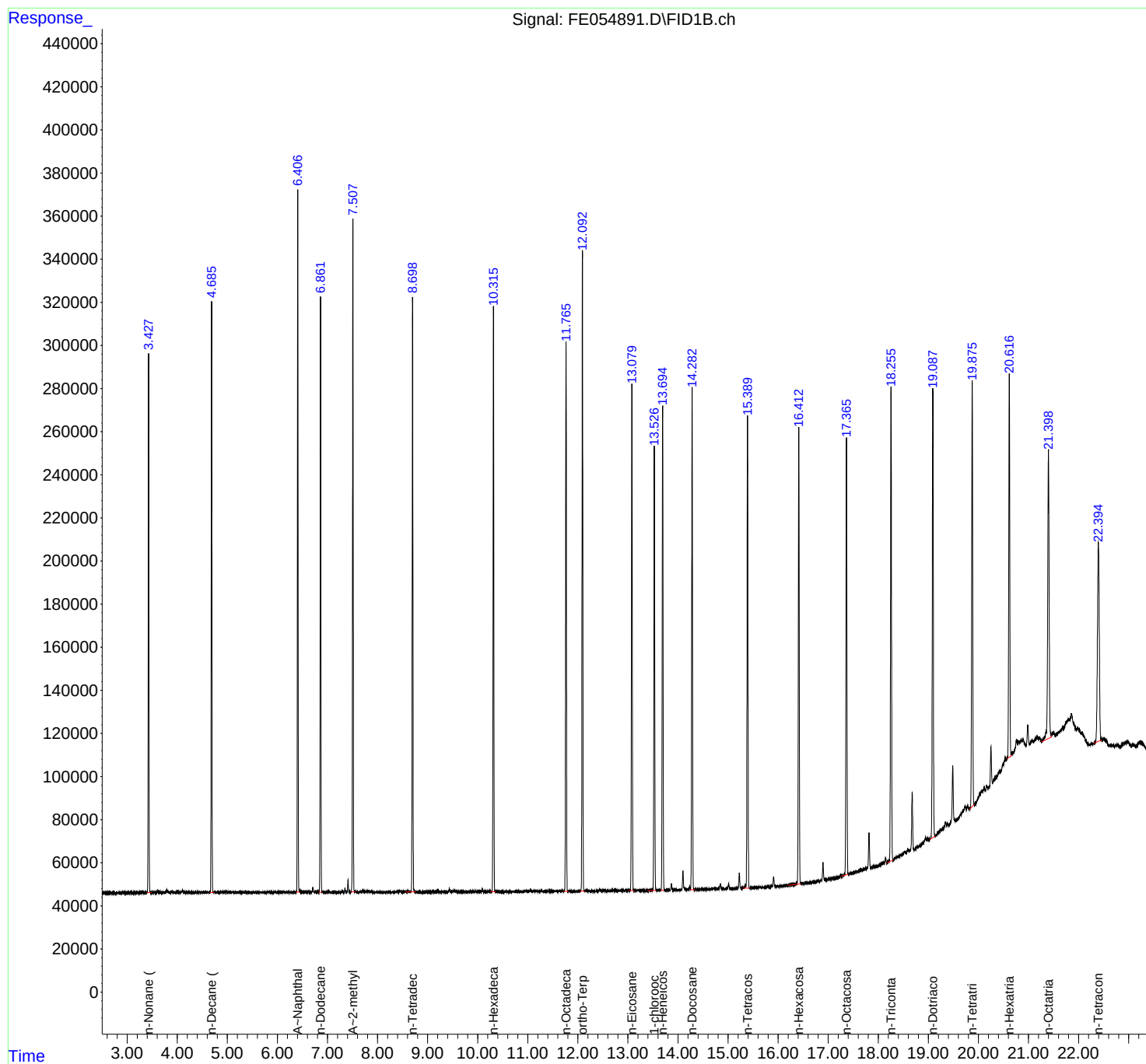
(m)=manual int.

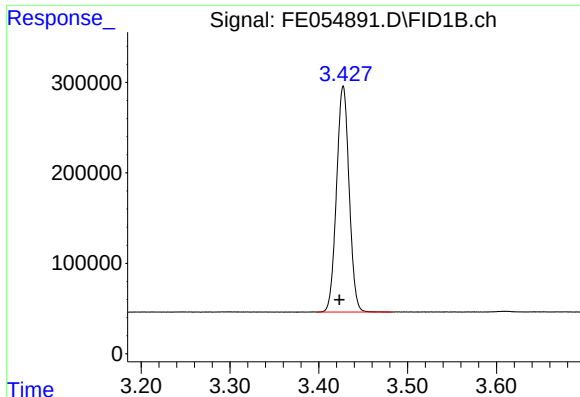
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
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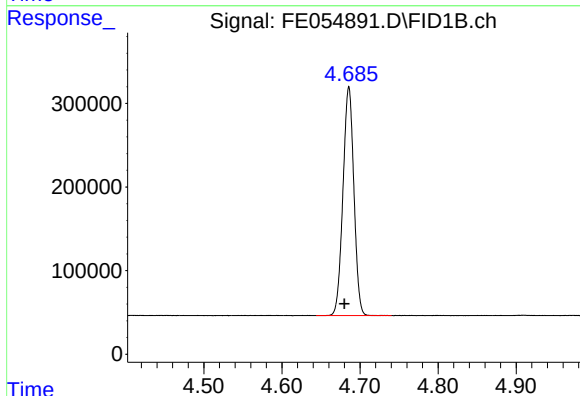




#1 n-Nonane (C9)

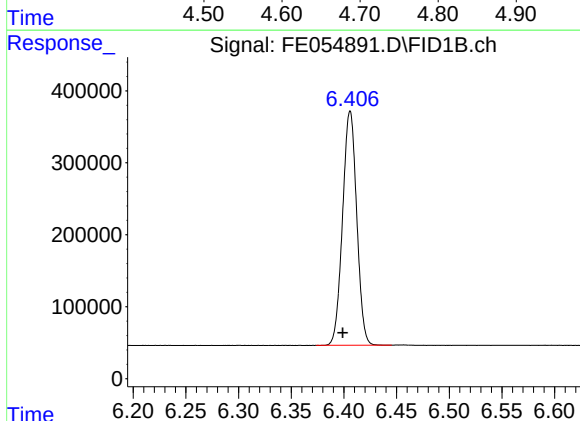
R.T.: 3.427 min
Delta R.T.: 0.004 min
Response: 2460529
Conc: 18.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



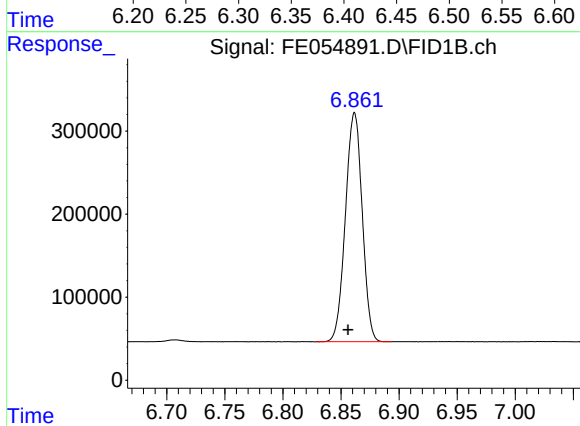
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 2657165
Conc: 19.47 ug/ml



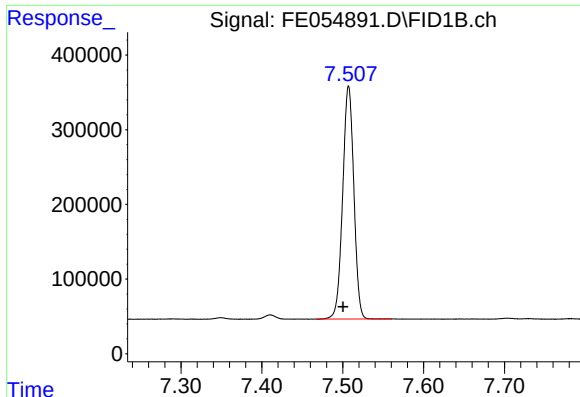
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 3043182
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

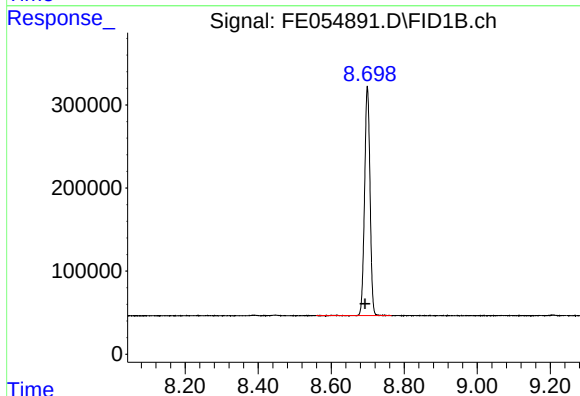
R.T.: 6.862 min
Delta R.T.: 0.005 min
Response: 2776248
Conc: 20.23 ug/ml



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

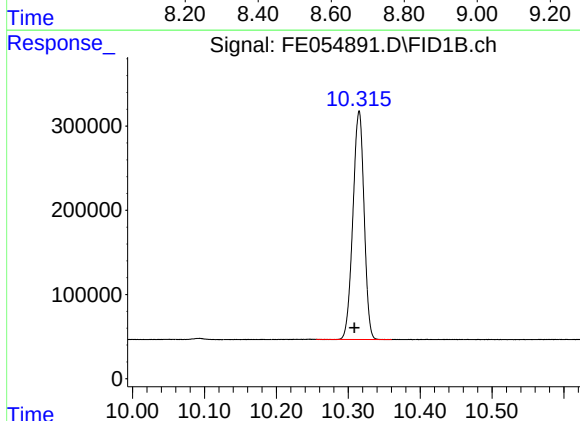
R.T.: 7.507 min
Delta R.T.: 0.007 min
Response: 2993516
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



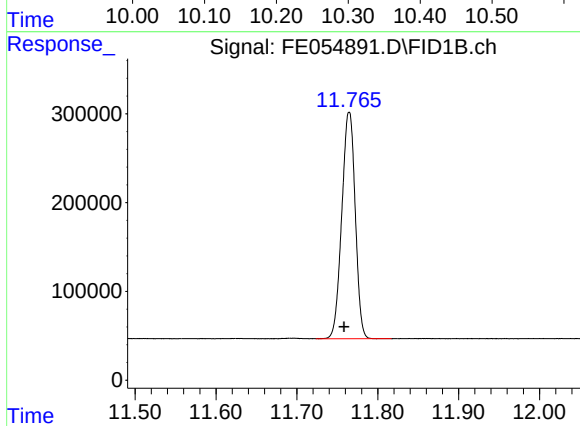
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 2850228
Conc: 20.56 ug/ml



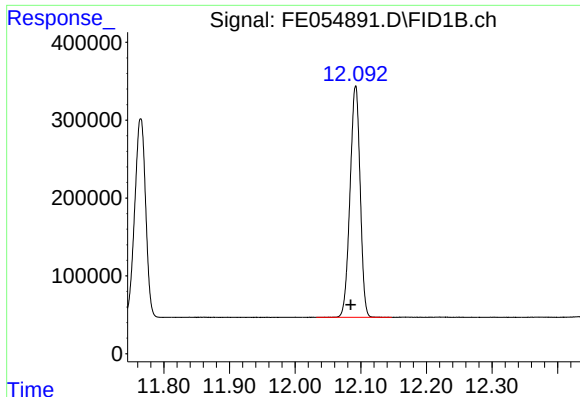
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 2933792
Conc: 20.59 ug/ml



#8 n-Octadecane (C18)

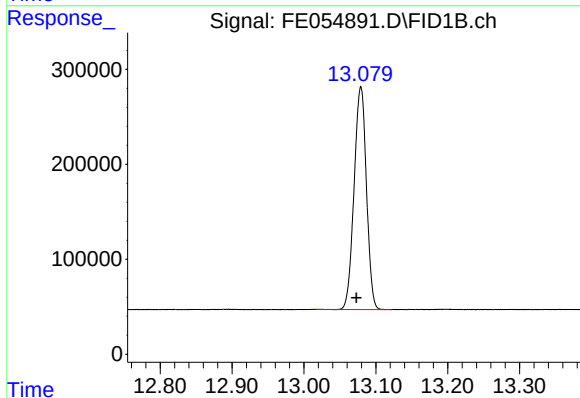
R.T.: 11.765 min
Delta R.T.: 0.006 min
Response: 2947218
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

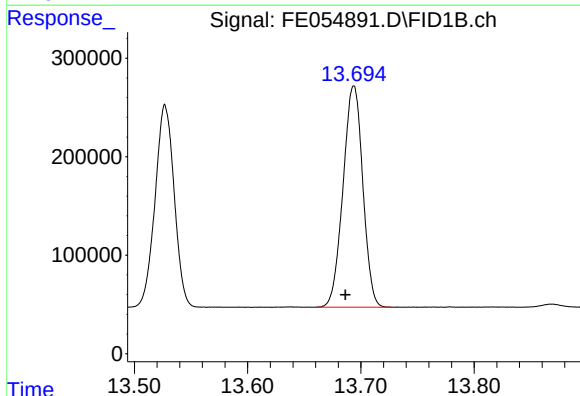
R.T.: 12.092 min
Delta R.T.: 0.007 min
Response: 3181161
Conc: 19.59 ug/ml

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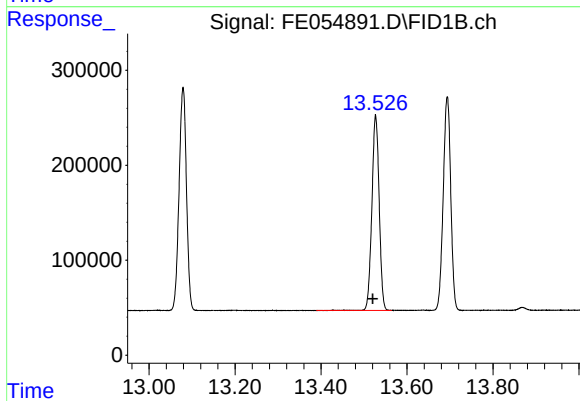
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 2793678
Conc: 19.43 ug/ml



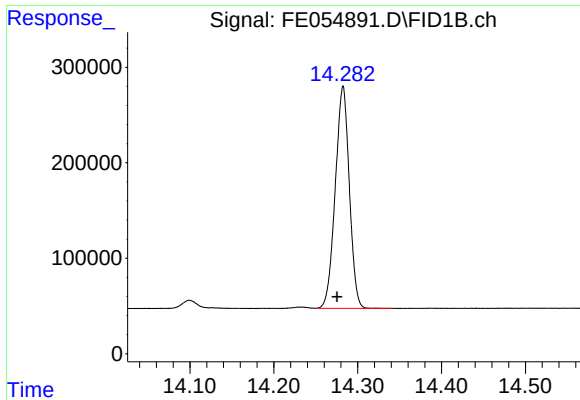
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.007 min
Response: 2727529
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

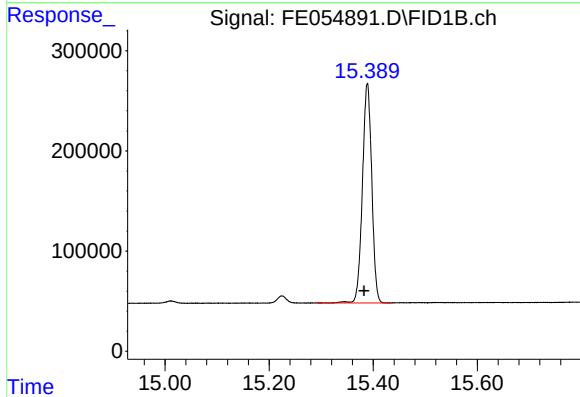
R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 2418727
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

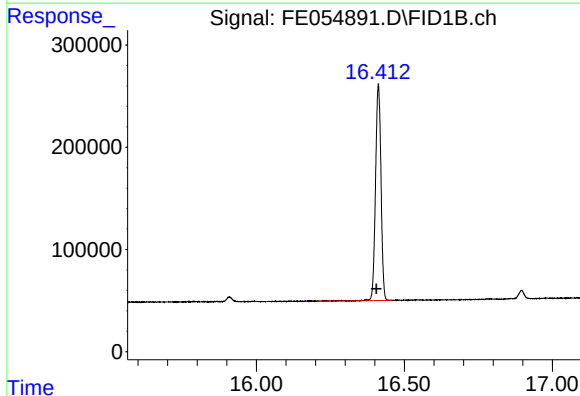
R.T.: 14.282 min
Delta R.T.: 0.007 min
Response: 2713676
Conc: 19.00 ug/ml

Instrument :
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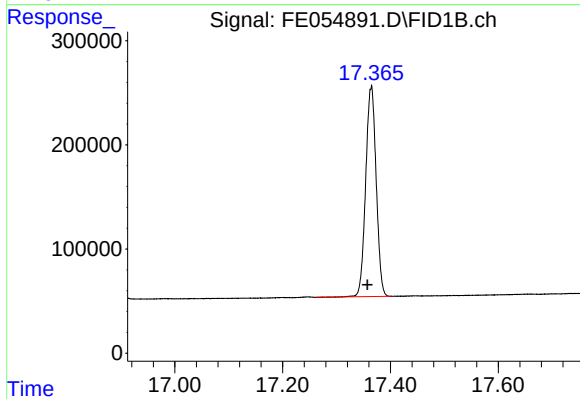
#14 n-Tetracosane (C24)

R.T.: 15.389 min
Delta R.T.: 0.006 min
Response: 2732044
Conc: 18.79 ug/ml



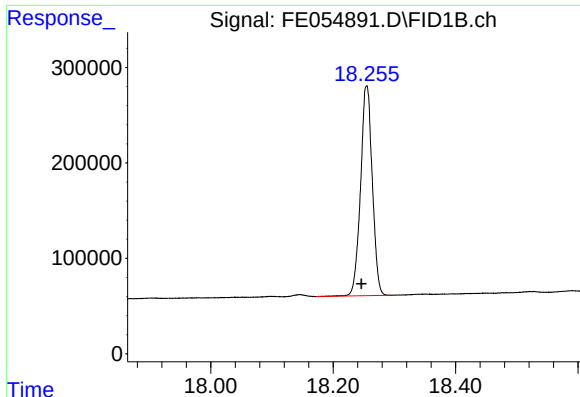
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 2704185
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

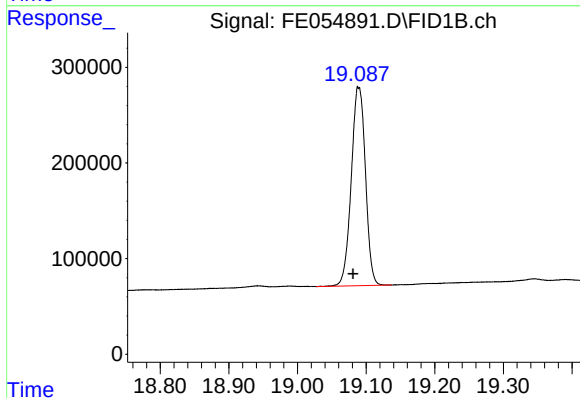
R.T.: 17.364 min
Delta R.T.: 0.007 min
Response: 2718920
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

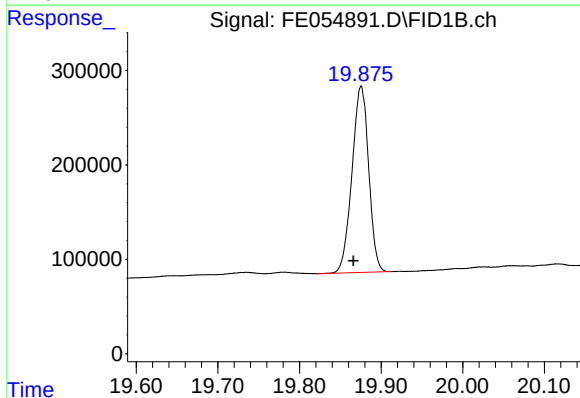
R.T.: 18.255 min
Delta R.T.: 0.008 min
Response: 2929285
Conc: 18.59 ug/ml

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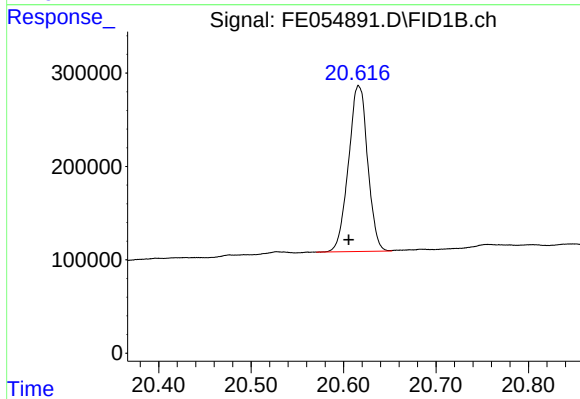
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.009 min
Response: 2983639
Conc: 18.44 ug/ml



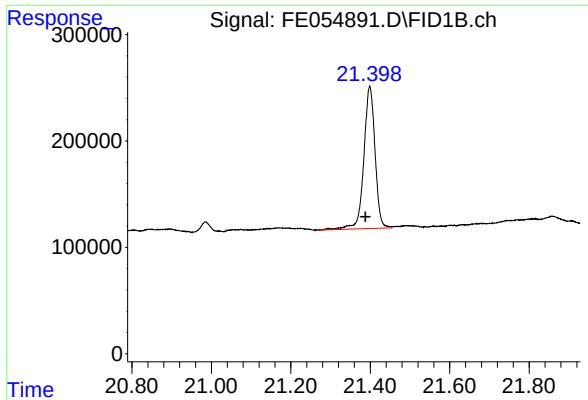
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 2802978
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

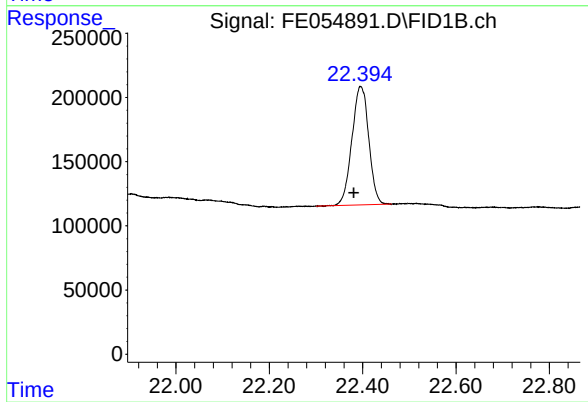
R.T.: 20.617 min
Delta R.T.: 0.011 min
Response: 2553242
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: 0.011 min
Response: 2624828
Conc: 22.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 2311269
Conc: 21.32 ug/ml