

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054867.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 07:06
 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 16 12:21:24 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)	12.085	3448604	21.236 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
12) S 1-chlorooctadecane (S...	13.520	2602690	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.425	2719536	20.218 ug/ml
2) T n-Decane (C10)	4.683	2927815	21.457 ug/ml
3) T A~Naphthalene (C11.7)	6.401	3316500	21.904 ug/ml
4) T n-Dodecane (C12)	6.858	3040710	22.161 ug/ml
5) T A~2-methylnaphthalene...	7.502	3260230	22.178 ug/ml
6) T n-Tetradecane (C14)	8.695	3085613	22.259 ug/ml
7) T n-Hexadecane (C16)	10.310	3180223	22.316 ug/ml
8) T n-Octadecane (C18)	11.759	3184650	21.730 ug/ml
10) T n-Eicosane (C20)	13.073	3027082	21.052 ug/ml
11) T n-Heneicosane (C21)	13.687	2950522	20.657 ug/ml
13) T n-Docosane (C22)	14.275	2931548	20.531 ug/ml
14) T n-Tetracosane (C24)	15.381	2934765	20.189 ug/ml
15) T n-Hexacosane (C26)	16.405	2896414	20.015 ug/ml
16) T n-Octacosane (C28)	17.358	2917868	20.021 ug/ml
17) T n-Tricontane (C30)	18.247	3098388	19.662 ug/ml
18) T n-Dotriacontane (C32)	19.082	3119777	19.283 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2941729	19.304 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2643028	19.657 ug/ml
21) T n-Octatriacontane (C38)	21.386	2662212	22.699 ug/ml
22) T n-Tetracontane (C40)	22.379	2480336	22.885 ug/ml

(f)=RT Delta > 1/2 Window

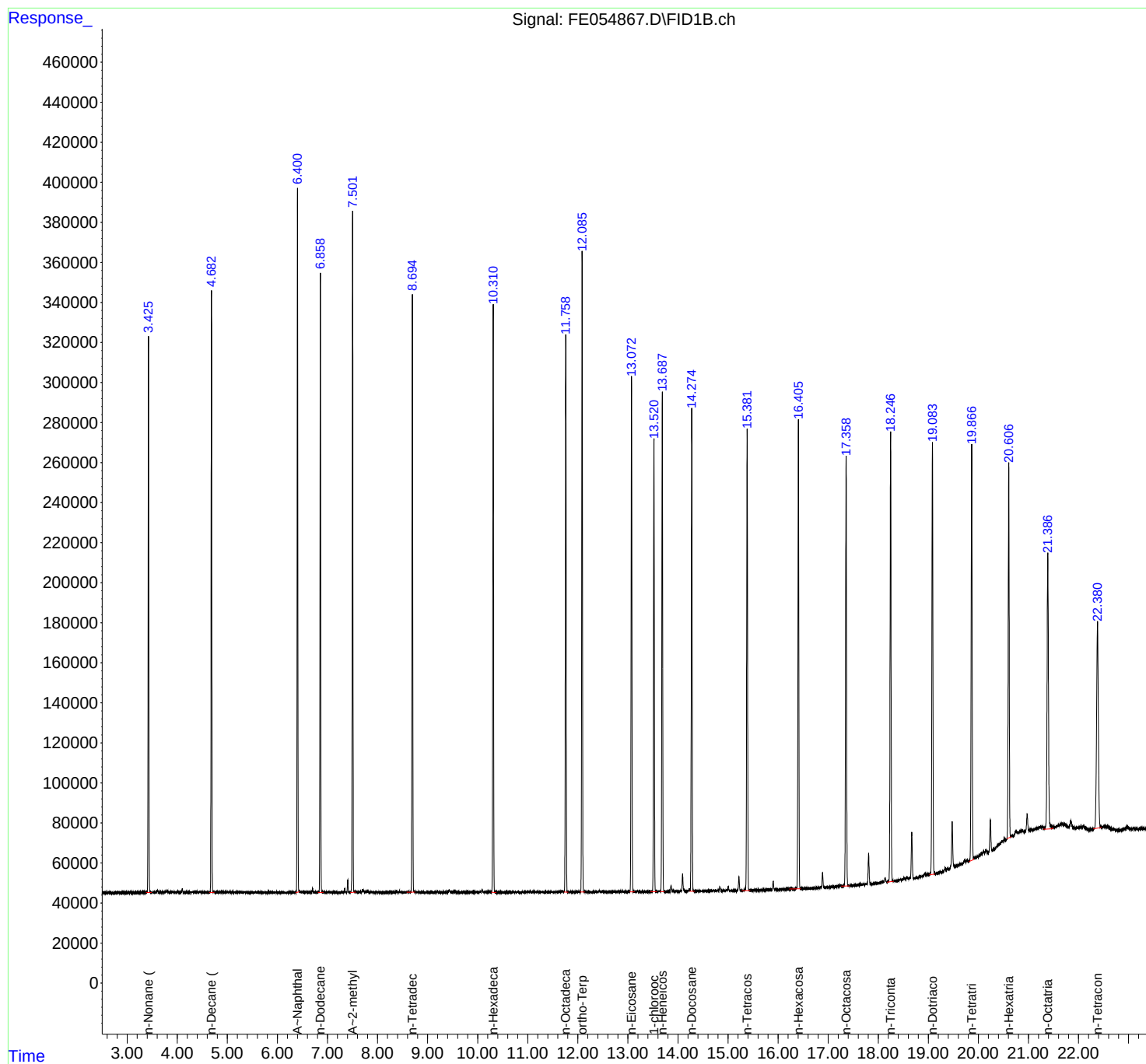
(m)=manual int.

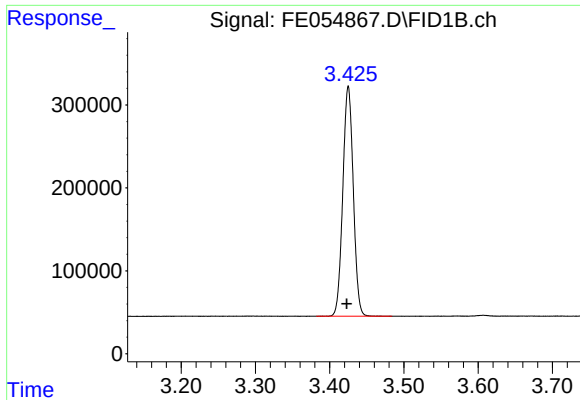
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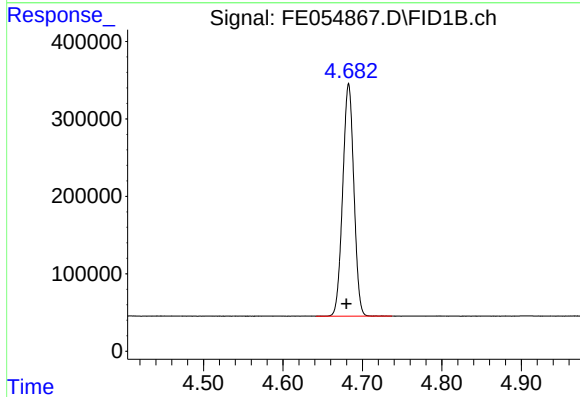




#1 n-Nonane (C9)

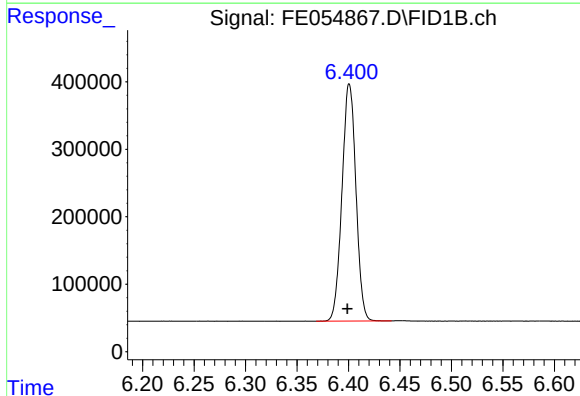
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2719536
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



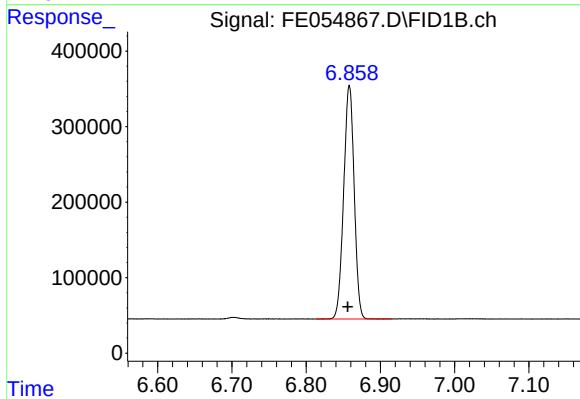
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2927815
Conc: 21.46 ug/ml



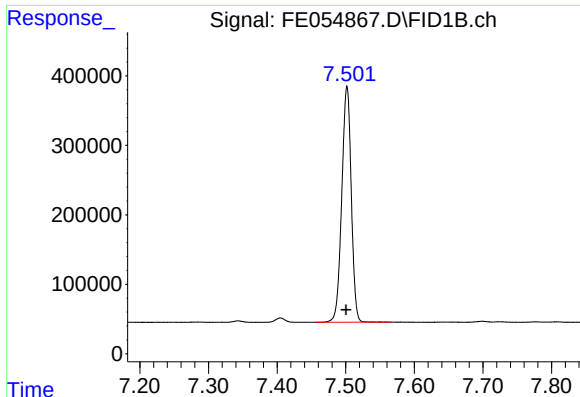
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 3316500
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

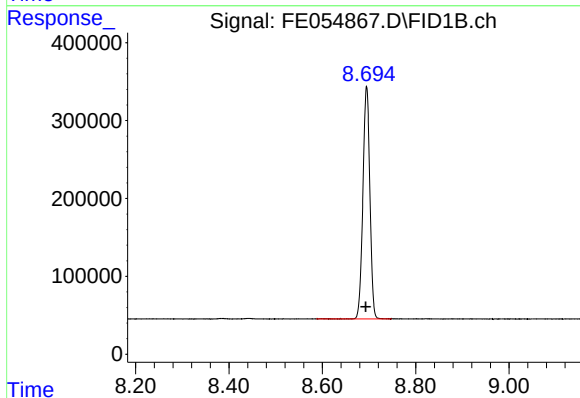
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 3040710
Conc: 22.16 ug/ml



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

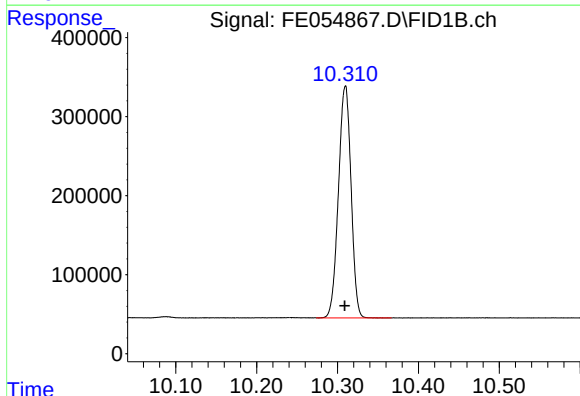
R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 3260230
Conc: 22.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



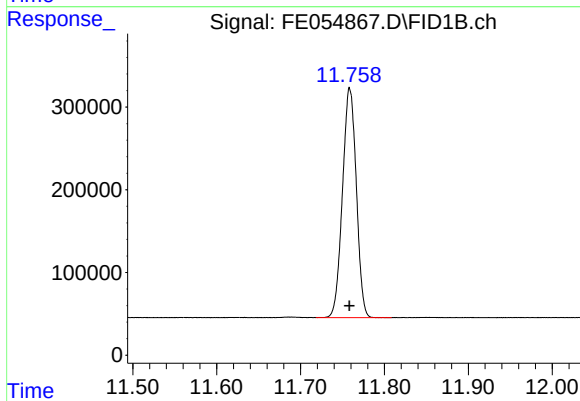
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 3085613
Conc: 22.26 ug/ml



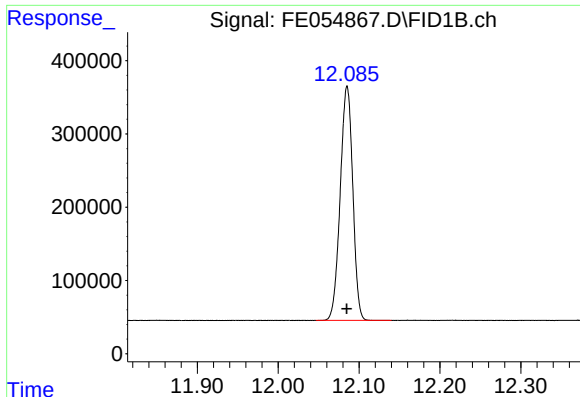
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.000 min
Response: 3180223
Conc: 22.32 ug/ml



#8 n-Octadecane (C18)

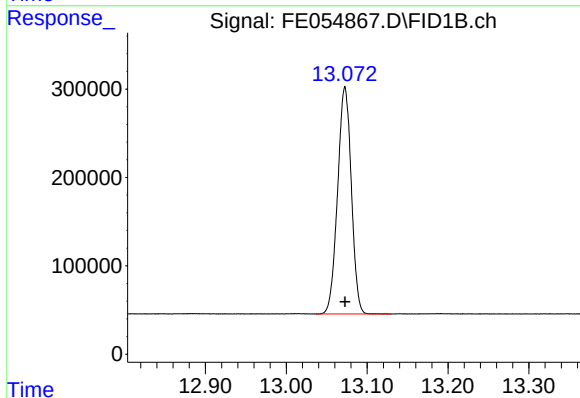
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 3184650
Conc: 21.73 ug/ml



#9 ortho-Terphenyl (SURR)

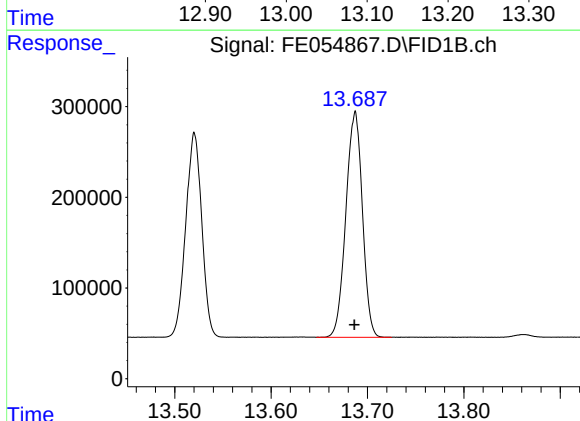
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3448604
Conc: 21.24 ug/ml

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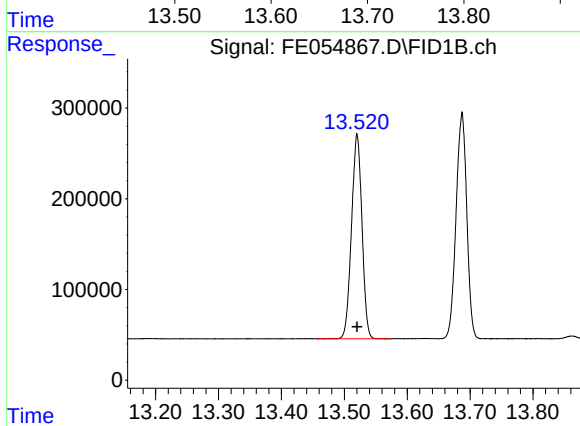
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 3027082
Conc: 21.05 ug/ml



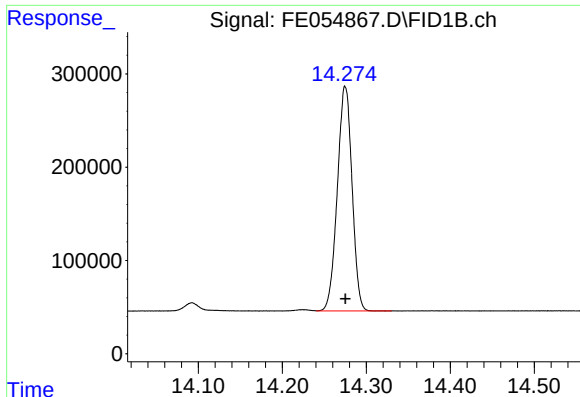
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2950522
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

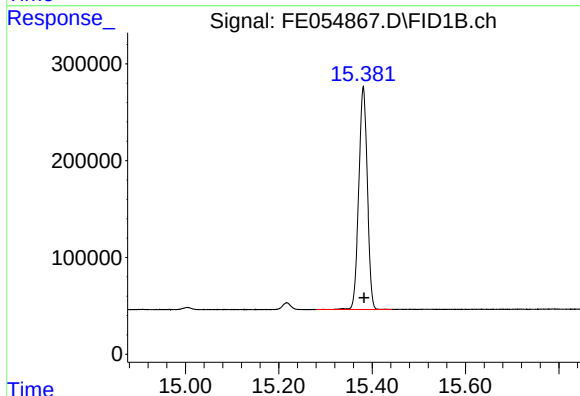
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2602690
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

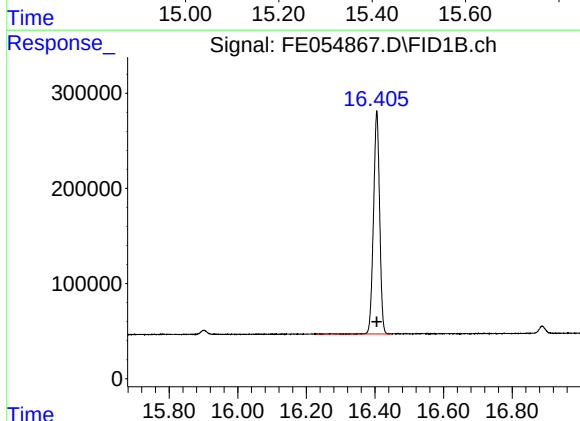
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2931548
Conc: 20.53 ug/ml

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20 PPM ALIPHATIC HC STD



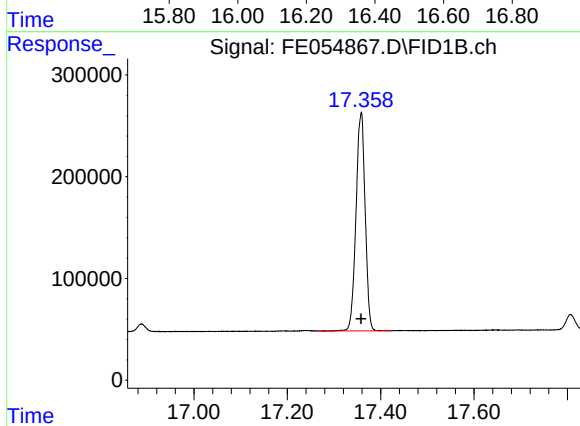
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.001 min
Response: 2934765
Conc: 20.19 ug/ml



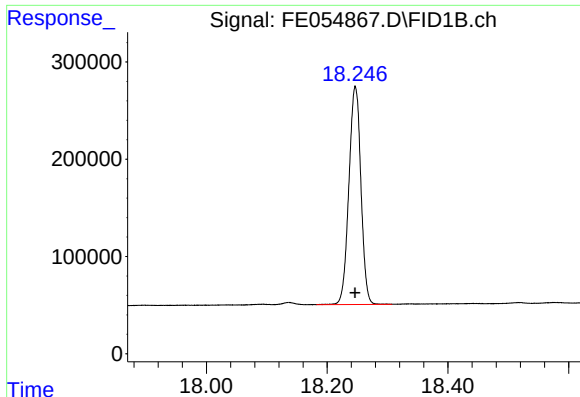
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2896414
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

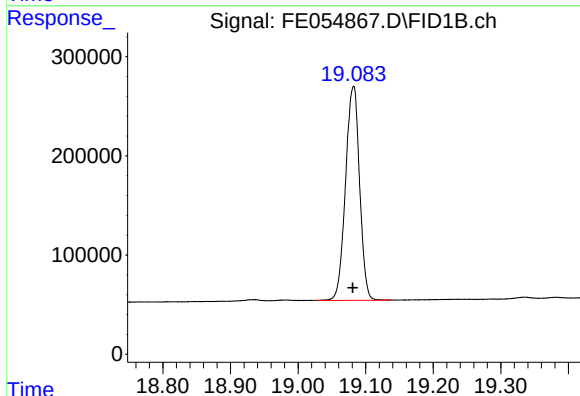
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 2917868
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

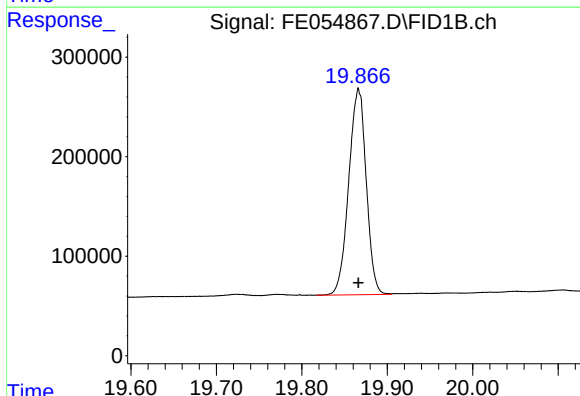
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 3098388
Conc: 19.66 ug/ml

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20 PPM ALIPHATIC HC STD



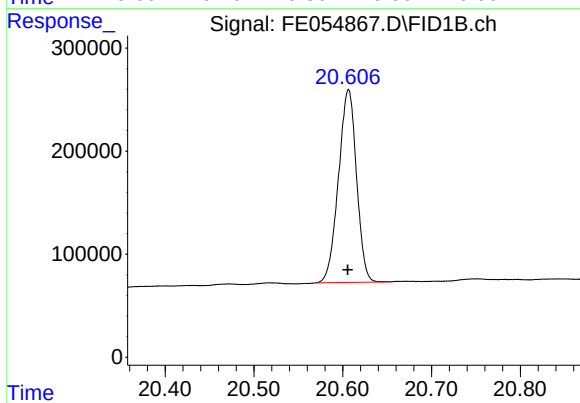
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 3119777
Conc: 19.28 ug/ml



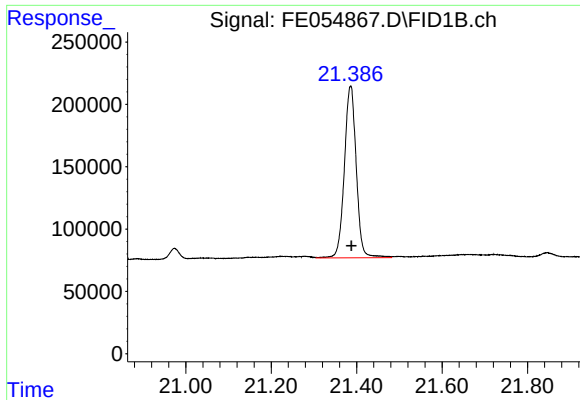
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 2941729
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

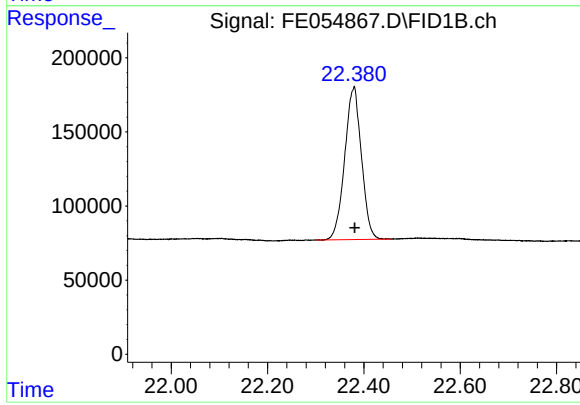
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 2643028
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 2662212
Conc: 22.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 2480336
Conc: 22.88 ug/ml