

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013836.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 23:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 12 06:40:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:36:20 2023
 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)	11.870	2980124	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
12) S 1-chlorooctadecane (S...	13.311	2154464	20.236 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T n-Nonane (C9)	3.267	2447512	20.306 ug/ml
2) T n-Decane (C10)	4.517	2472927	20.318 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2637218	20.372 ug/ml
4) T n-Dodecane (C12)	6.681	2491907	20.318 ug/ml
5) T A~2-methylnaphthalene...	7.309	2572506	20.495 ug/ml
6) T n-Tetradecane (C14)	8.507	2446625	20.349 ug/ml
7) T n-Hexadecane (C16)	10.114	2477990	20.261 ug/ml
8) T n-Octadecane (C18)	11.556	2491422	20.246 ug/ml
10) T n-Eicosane (C20)	12.866	2420977	20.225 ug/ml
11) T n-Heneicosane (C21)	13.479	2381494	20.192 ug/ml
13) T n-Docosane (C22)	14.066	2350744	20.182 ug/ml
14) T n-Tetracosane (C24)	15.170	2303107	20.129 ug/ml
15) T n-Hexacosane (C26)	16.193	2253547	20.125 ug/ml
16) T n-Octacosane (C28)	17.143	2197575	20.022 ug/ml
17) T n-Tricontane (C30)	18.031	2219720	19.980 ug/ml
18) T n-Dotriacontane (C32)	18.863	2222491	19.987 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2177744	20.221 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2189392	19.698 ug/ml
21) T n-Octatriacontane (C38)	21.119	2225991	20.359 ug/ml
22) T n-Tetracontane (C40)	22.011	2291765	20.237 ug/ml

(f)=RT Delta > 1/2 Window

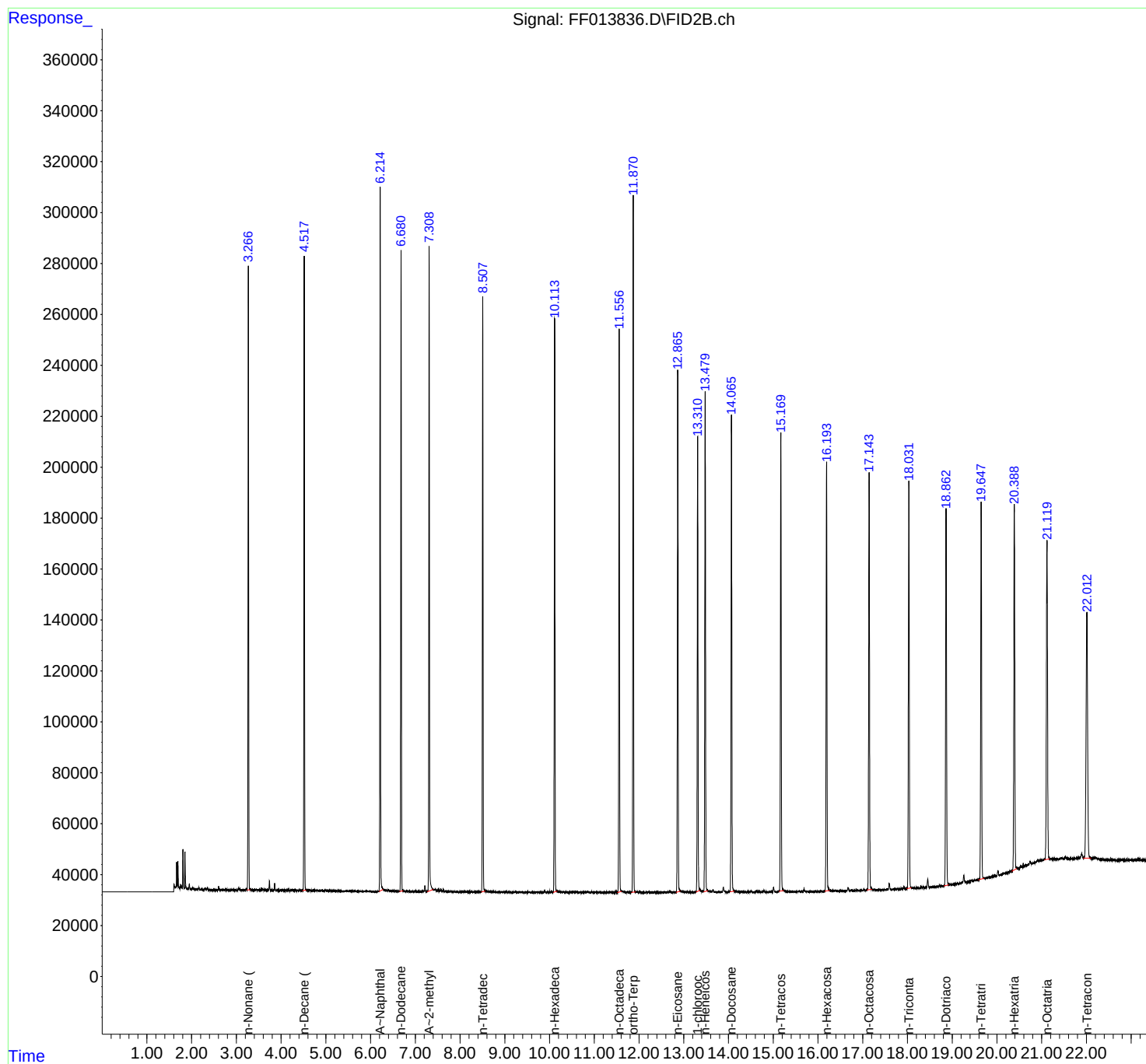
(m)=manual int.

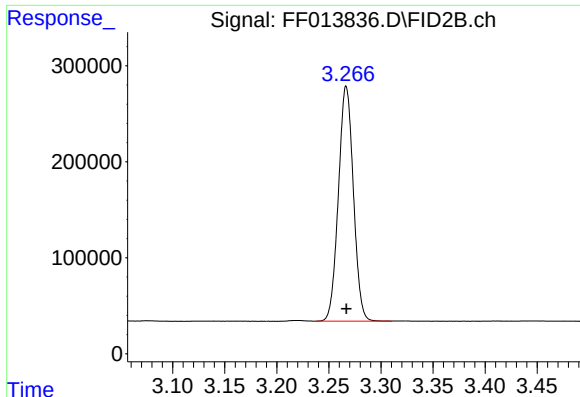
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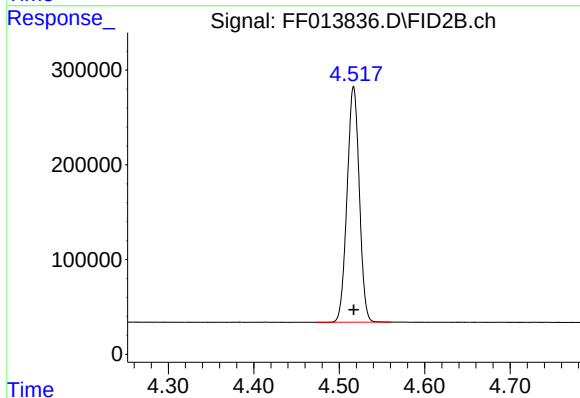




#1 n-Nonane (C9)

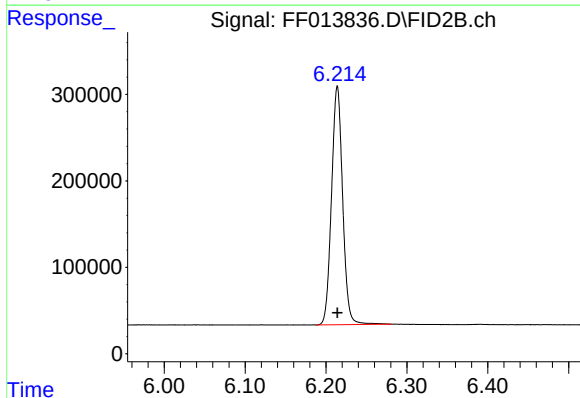
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 2447512
Conc: 20.31 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



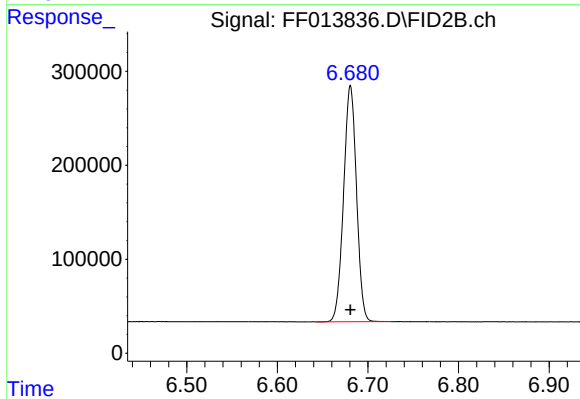
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2472927
Conc: 20.32 ug/ml



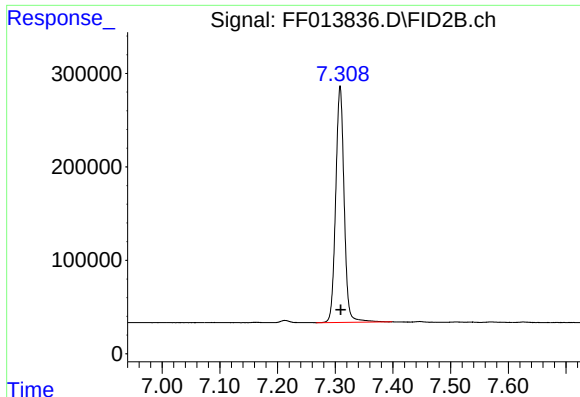
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2637218
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

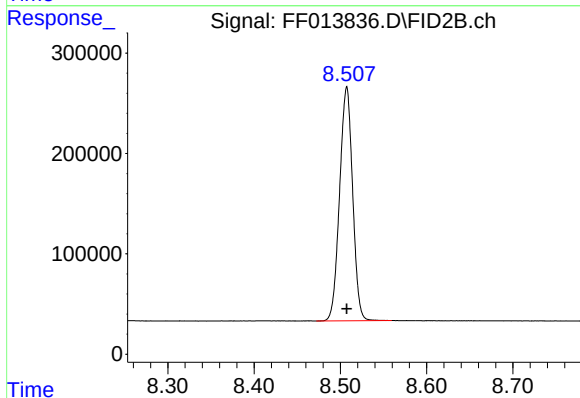
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2491907
Conc: 20.32 ug/ml



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

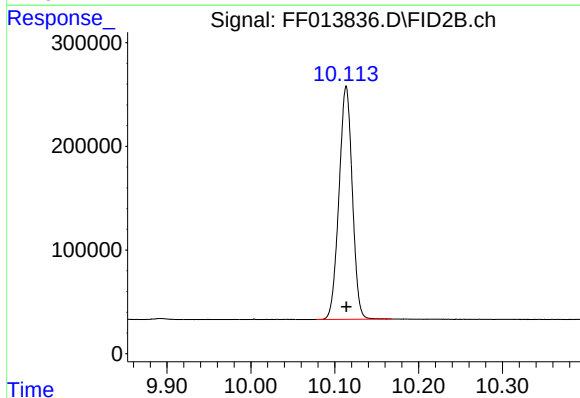
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 2572506
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



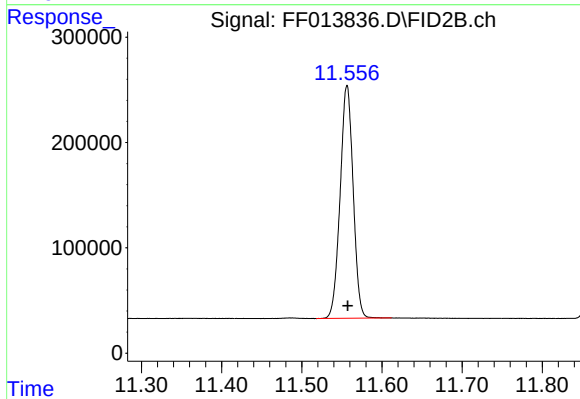
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2446625
Conc: 20.35 ug/ml



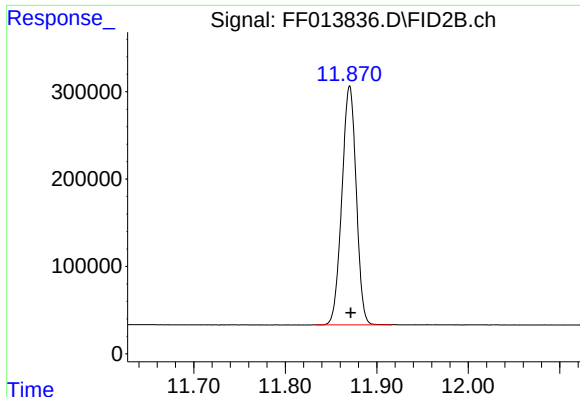
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 2477990
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

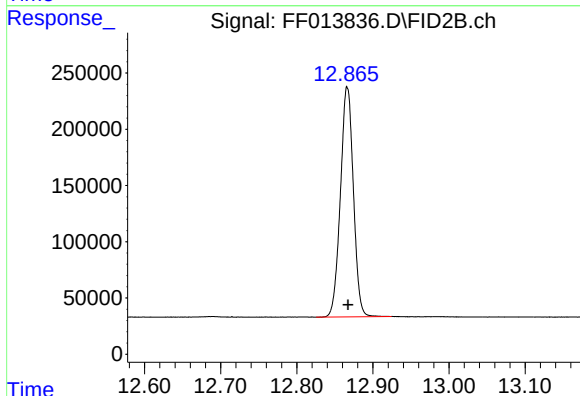
R.T.: 11.556 min
Delta R.T.: 0.000 min
Response: 2491422
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

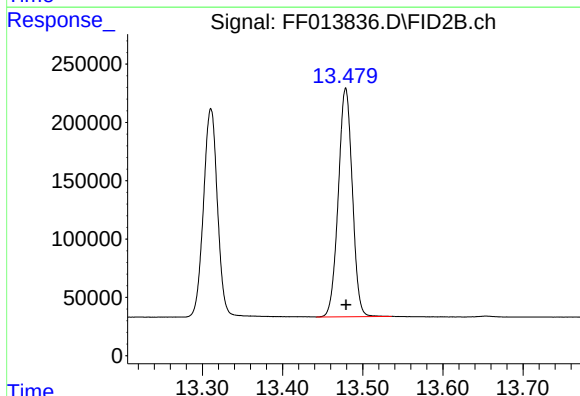
R.T.: 11.870 min
Delta R.T.: -0.001 min
Response: 2980124
Conc: 20.22 ug/ml

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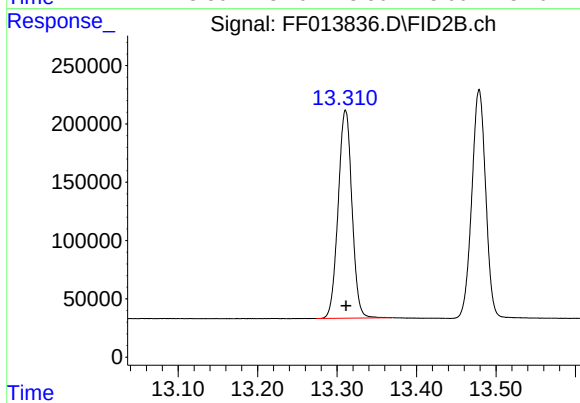
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.001 min
Response: 2420977
Conc: 20.22 ug/ml



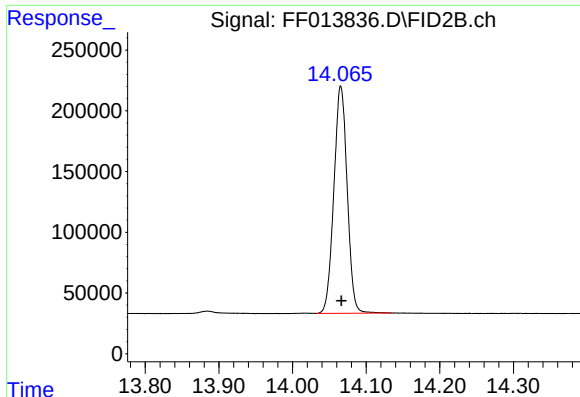
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 2381494
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

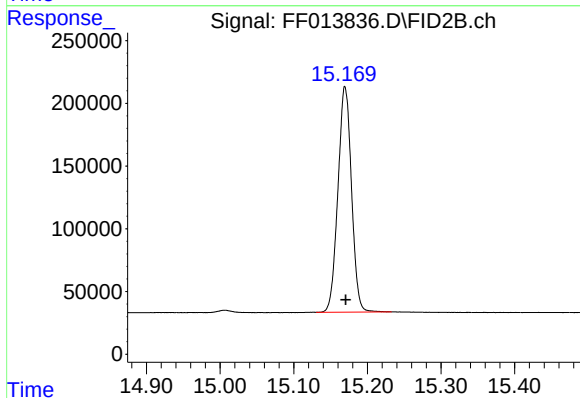
R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 2154464
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

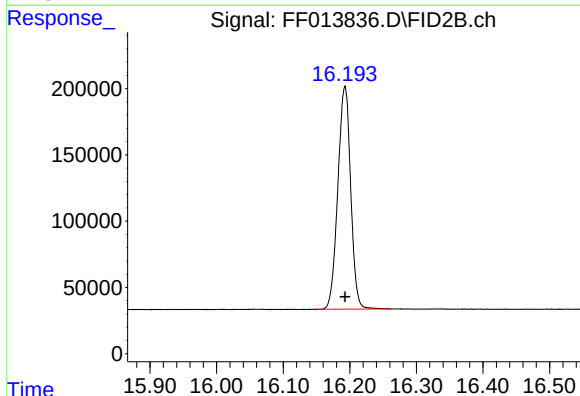
R.T.: 14.066 min
Delta R.T.: -0.001 min
Response: 2350744
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



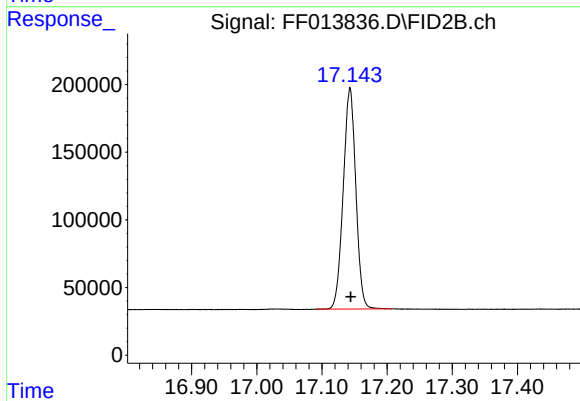
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.001 min
Response: 2303107
Conc: 20.13 ug/ml



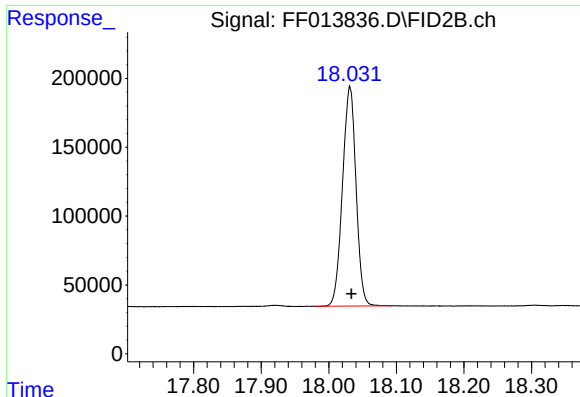
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 2253547
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

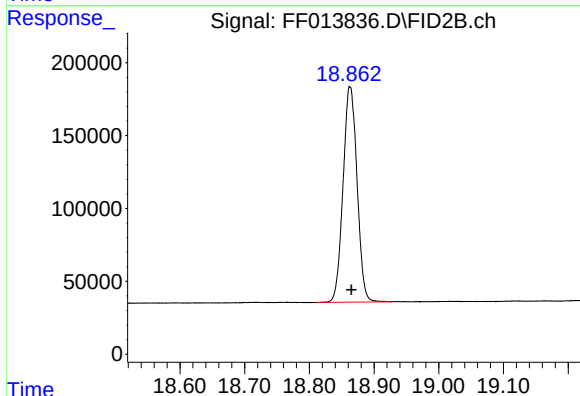
R.T.: 17.143 min
Delta R.T.: -0.001 min
Response: 2197575
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

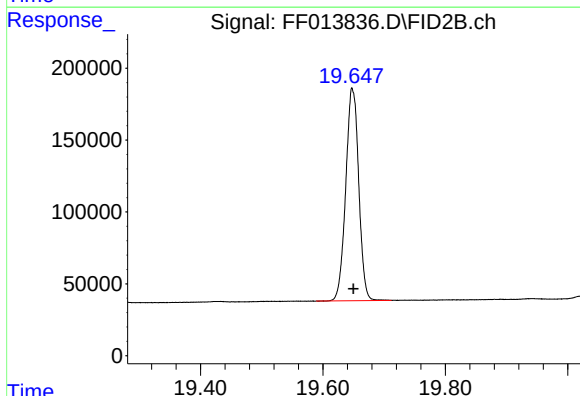
R.T.: 18.031 min
Delta R.T.: -0.002 min
Response: 2219720
Conc: 19.98 ug/ml

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20 PPM ALIPHATIC HC STD



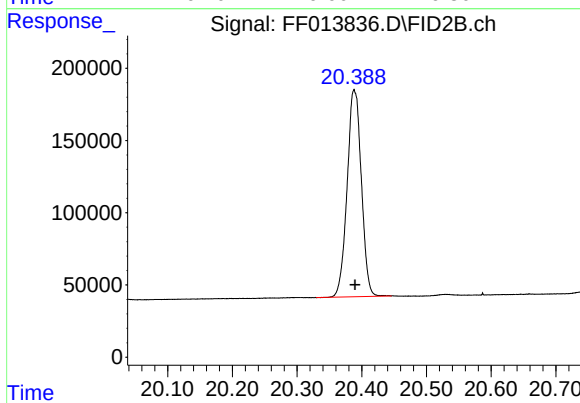
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.002 min
Response: 2222491
Conc: 19.99 ug/ml



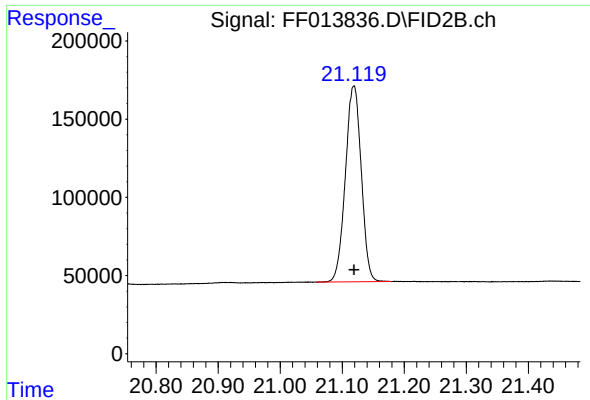
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.002 min
Response: 2177744
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

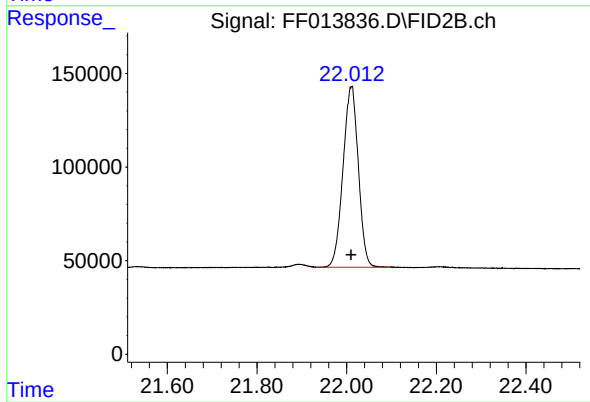
R.T.: 20.388 min
Delta R.T.: -0.001 min
Response: 2189392
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 2225991
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: 0.000 min
Response: 2291765
Conc: 20.24 ug/ml