

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013834.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 22:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 12 06:39:15 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)	11.871	2968807	20.146 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.312	2155045	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T n-Nonane (C9)	3.266	2429192	20.154 ug/ml
2) T n-Decane (C10)	4.517	2453794	20.161 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2623257	20.265 ug/ml
4) T n-Dodecane (C12)	6.681	2472856	20.163 ug/ml
5) T A~2-methylnaphthalene...	7.309	2562187	20.413 ug/ml
6) T n-Tetradecane (C14)	8.507	2434286	20.246 ug/ml
7) T n-Hexadecane (C16)	10.114	2464081	20.147 ug/ml
8) T n-Octadecane (C18)	11.557	2481293	20.163 ug/ml
10) T n-Eicosane (C20)	12.867	2408666	20.122 ug/ml
11) T n-Heneicosane (C21)	13.480	2369940	20.094 ug/ml
13) T n-Docosane (C22)	14.066	2337939	20.072 ug/ml
14) T n-Tetracosane (C24)	15.170	2290089	20.015 ug/ml
15) T n-Hexacosane (C26)	16.193	2234686	19.956 ug/ml
16) T n-Octacosane (C28)	17.142	2177525	19.840 ug/ml
17) T n-Tricontane (C30)	18.032	2199184	19.795 ug/ml
18) T n-Dotriacontane (C32)	18.865	2195554	19.745 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2149652	19.960 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2208903	19.874 ug/ml
21) T n-Octatriacontane (C38)	21.118	2200288	20.123 ug/ml
22) T n-Tetracontane (C40)	22.011	2279807	20.132 ug/ml

(f)=RT Delta > 1/2 Window

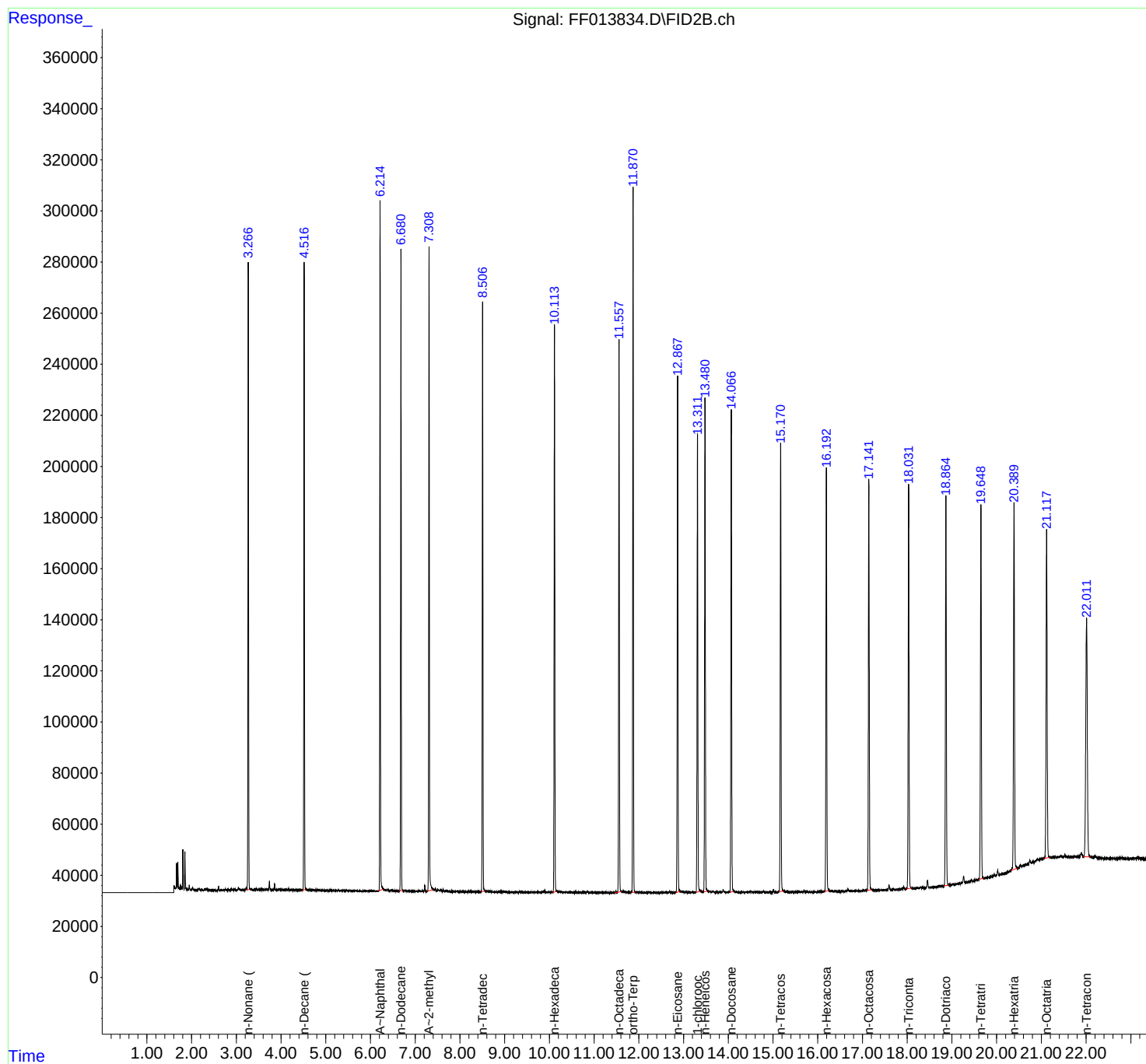
(m)=manual int.

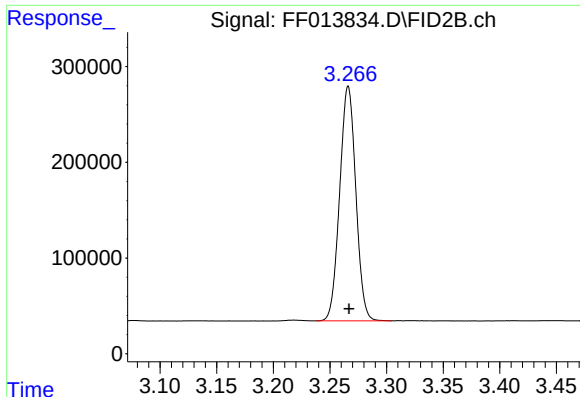
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#1 n-Nonane (C9)

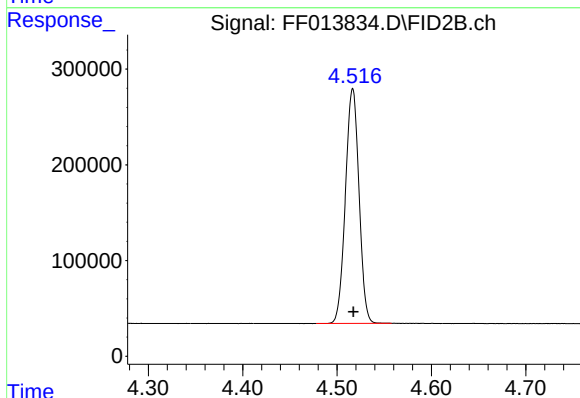
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2429192
Conc: 20.15 ug/ml

Instrument :

FID_F

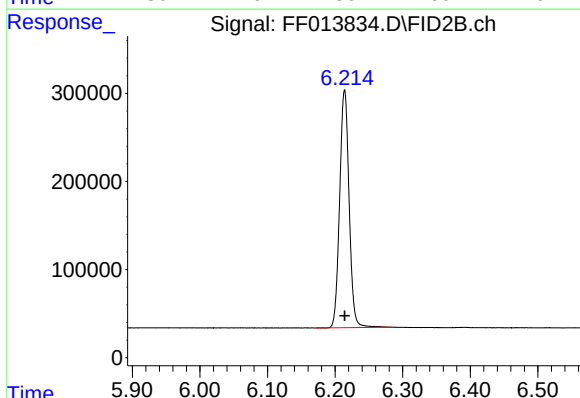
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



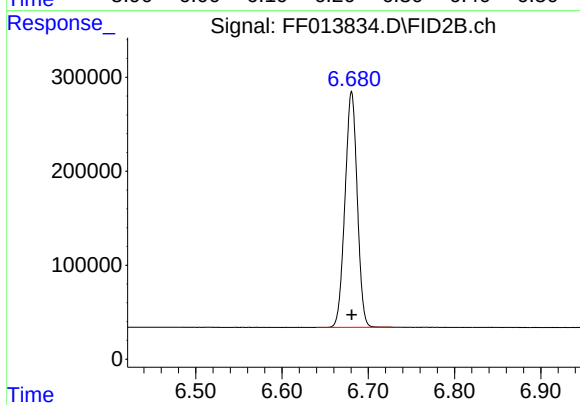
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2453794
Conc: 20.16 ug/ml



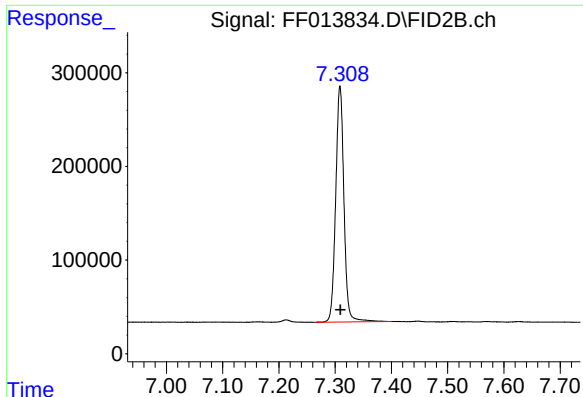
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2623257
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

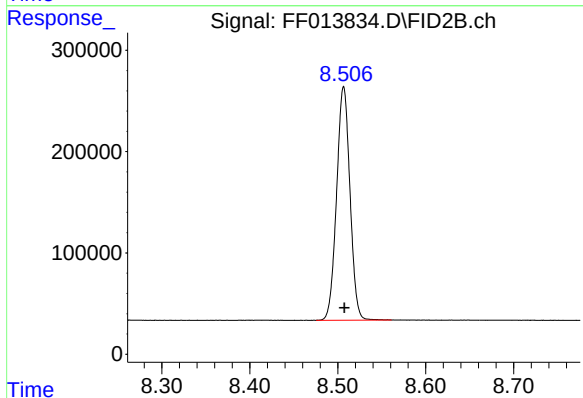
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2472856
Conc: 20.16 ug/ml



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

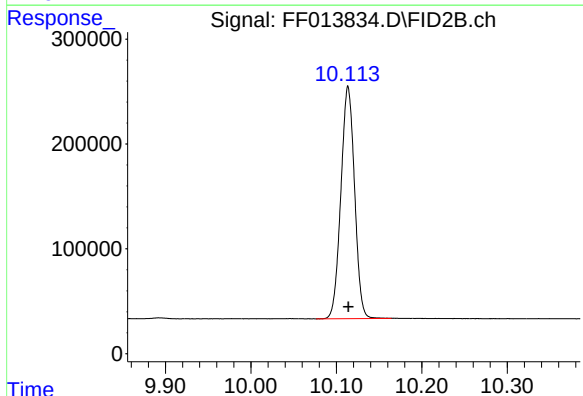
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 2562187
Conc: 20.41 ug/ml

Instrument :
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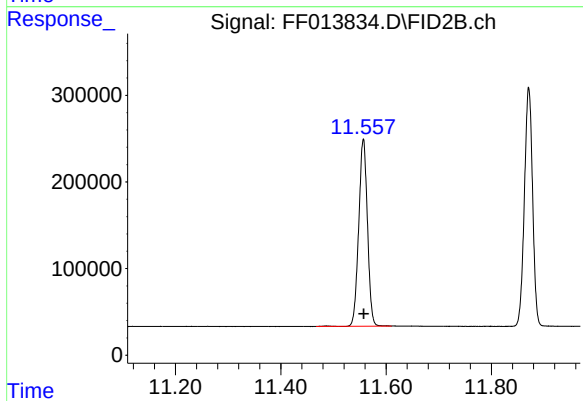
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2434286
Conc: 20.25 ug/ml



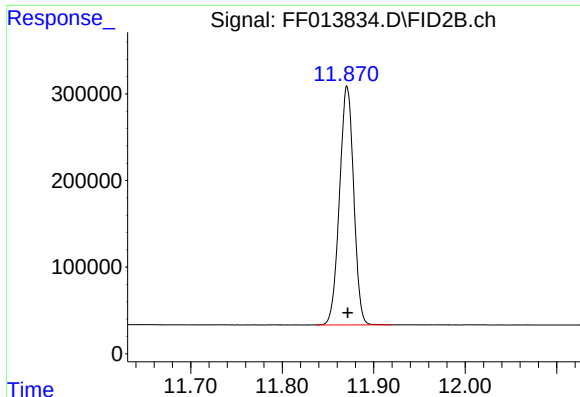
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 2464081
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

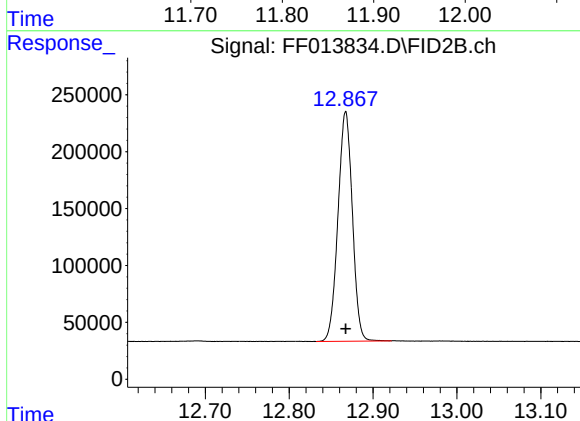
R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 2481293
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

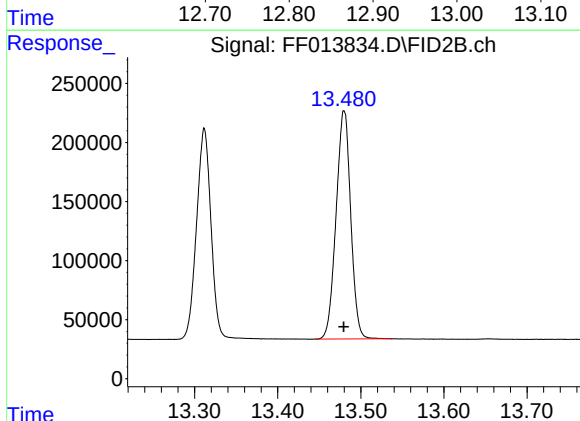
R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 2968807
Conc: 20.15 ug/ml

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20 PPM ALIPHATIC HC STD ICV



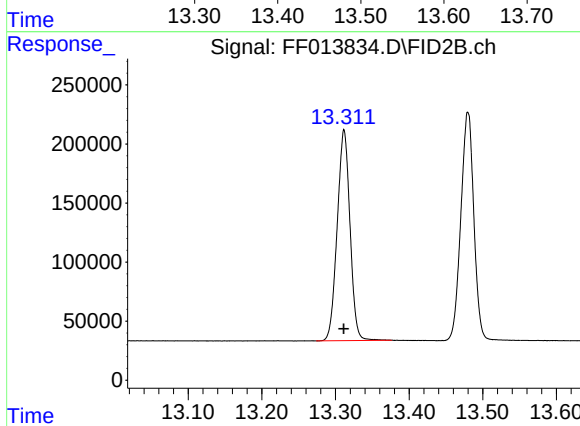
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2408666
Conc: 20.12 ug/ml



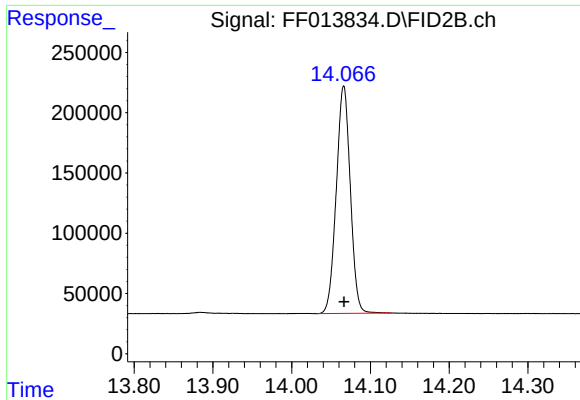
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 2369940
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

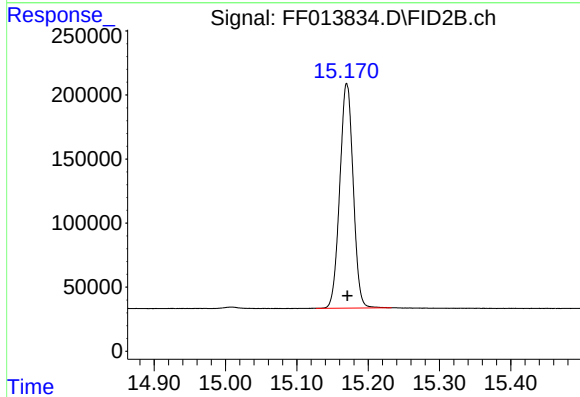
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 2155045
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

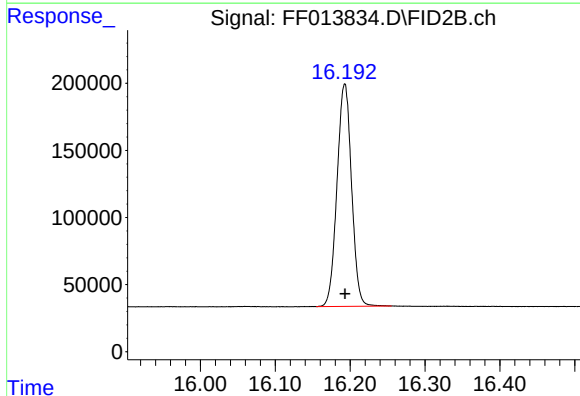
R.T.: 14.066 min
Delta R.T.: 0.000 min
Response: 2337939
Conc: 20.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



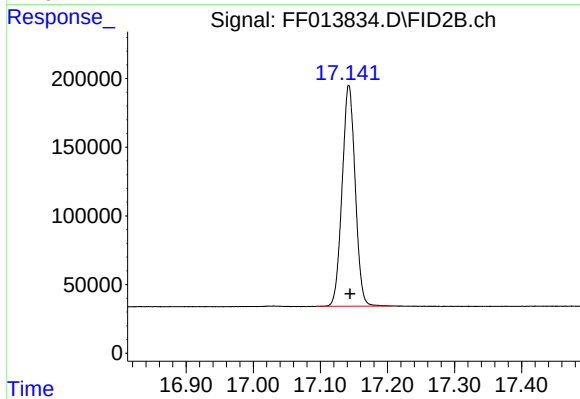
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2290089
Conc: 20.01 ug/ml



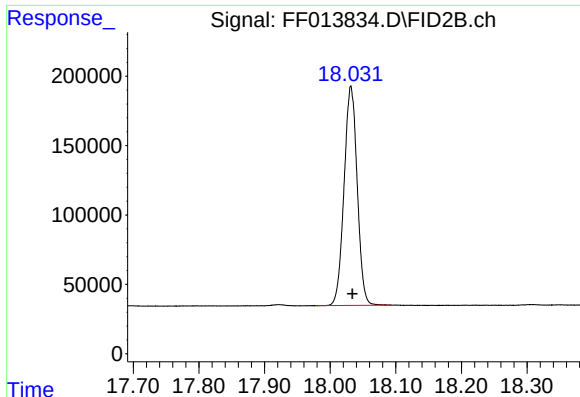
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 2234686
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

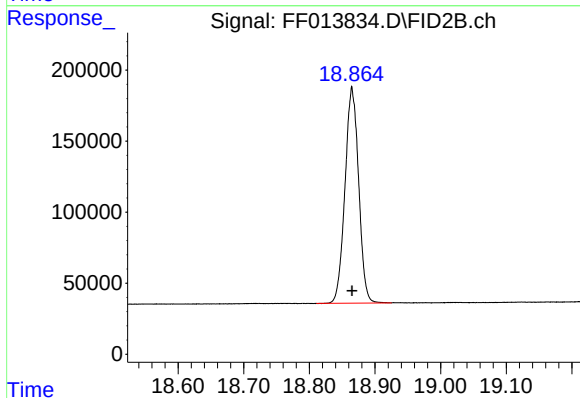
R.T.: 17.142 min
Delta R.T.: -0.002 min
Response: 2177525
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

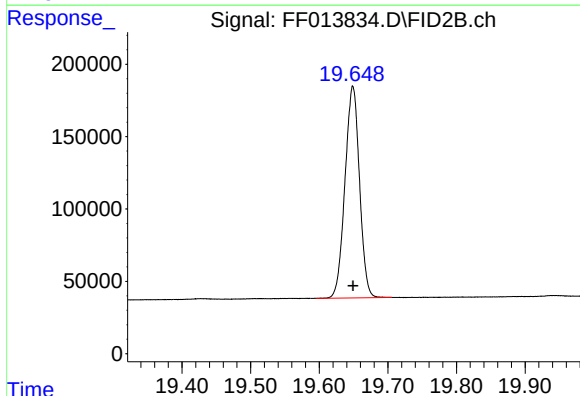
R.T.: 18.032 min
Delta R.T.: -0.002 min
Response: 2199184
Conc: 19.79 ug/ml

Instrument :
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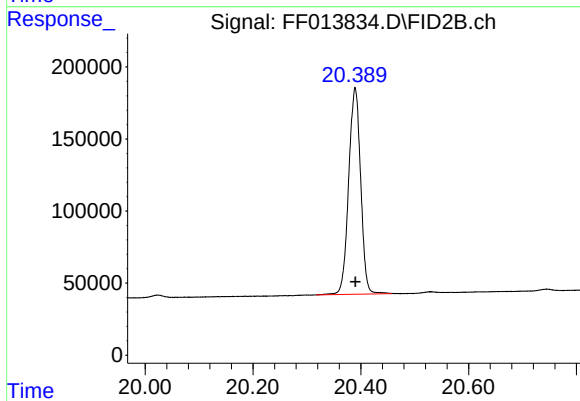
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.000 min
Response: 2195554
Conc: 19.75 ug/ml



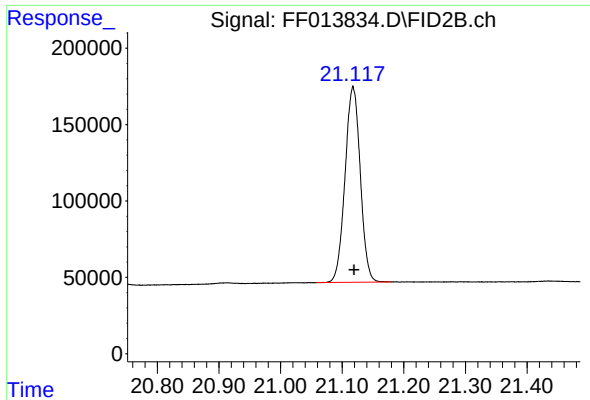
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.000 min
Response: 2149652
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

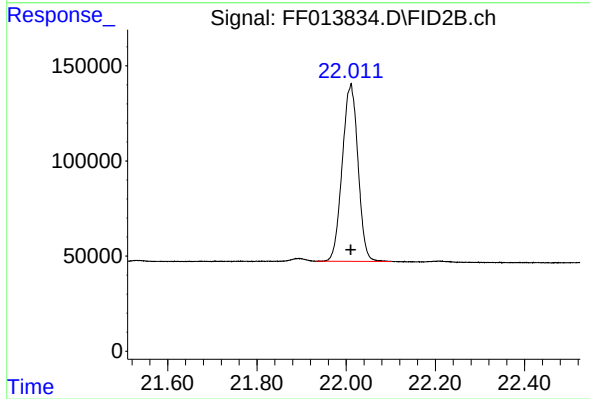
R.T.: 20.390 min
Delta R.T.: 0.000 min
Response: 2208903
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.002 min
Response: 2200288
Conc: 20.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: 0.000 min
Response: 2279807
Conc: 20.13 ug/ml