

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AL\
 Data File : FD044539.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2022 00:24
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 29 03:52:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:47:30 2022
 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)	11.576	7185189	49.384 ug/ml
Spiked Amount 50.000		Recovery =	98.77%
12) S 1-chlorooctadecane (S...	12.998	5508096	49.382 ug/ml
Spiked Amount 50.000		Recovery =	98.76%
Target Compounds			
1) T n-Nonane (C9)	3.398	6400989	49.321 ug/ml
2) T n-Decane (C10)	4.457	6293079	49.261 ug/ml
3) T A~Naphthalene (C11.7)	6.031	7322198	49.306 ug/ml
4) T n-Dodecane (C12)	6.458	6406177	49.306 ug/ml
5) T A~2-methylnaphthalene...	7.079	6939623	49.260 ug/ml
6) T n-Tetradecane (C14)	8.239	6488926	49.367 ug/ml
7) T n-Hexadecane (C16)	9.827	6602791	49.375 ug/ml
8) T n-Octadecane (C18)	11.259	6599609	49.384 ug/ml
10) T n-Eicosane (C20)	12.557	6372298	49.409 ug/ml
11) T n-Heneicosane (C21)	13.165	6372060	49.397 ug/ml
13) T n-Docosane (C22)	13.747	6282598	49.434 ug/ml
14) T n-Tetracosane (C24)	14.841	6174033	49.423 ug/ml
15) T n-Hexacosane (C26)	15.853	5973237	49.397 ug/ml
16) T n-Octacosane (C28)	16.795	5810923	49.457 ug/ml
17) T n-Tricontane (C30)	17.676	5657492	49.356 ug/ml
18) T n-Dotriacontane (C32)	18.502	5610266	49.377 ug/ml
19) T n-Tetratriacontane (C34)	19.278	5552125	49.281 ug/ml
20) T n-Hexatriacontane (C36)	20.013	5347698	49.334 ug/ml
21) T n-Octatriacontane (C38)	20.729	5367935	49.450 ug/ml
22) T n-Tetracontane (C40)	21.602	5359943	49.323 ug/ml

(f)=RT Delta > 1/2 Window

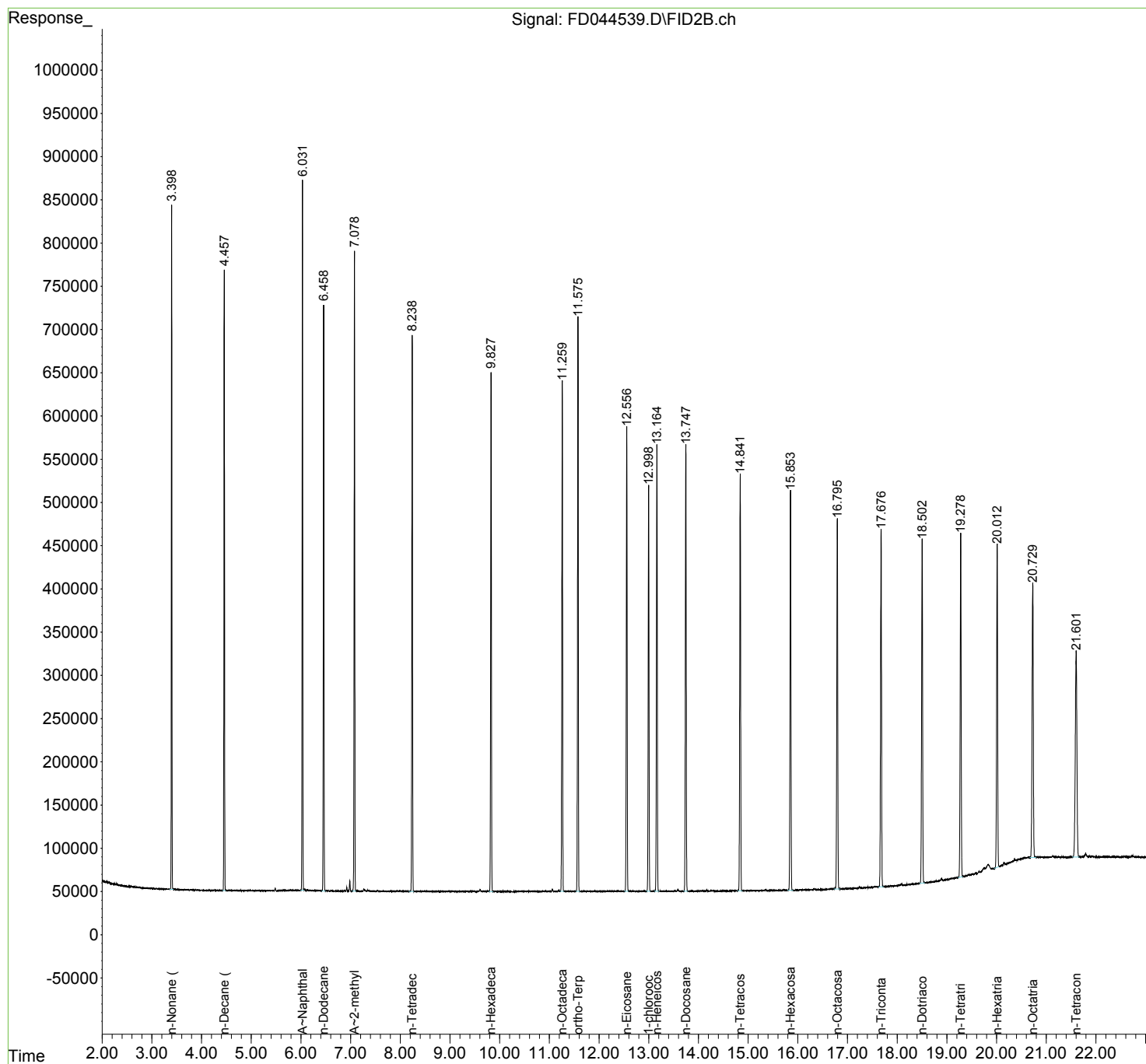
(m)=manual int.

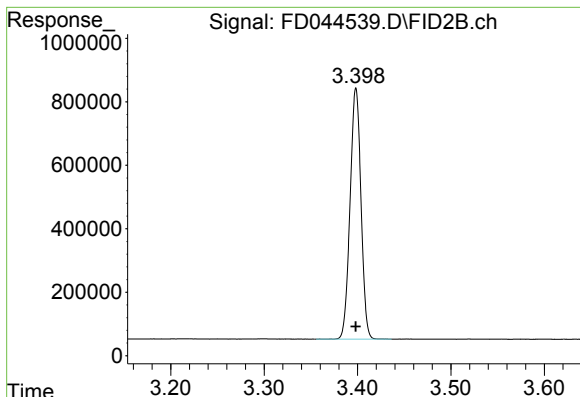
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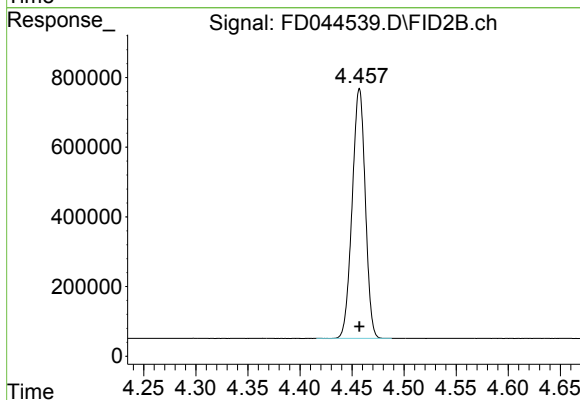




#1 n-Nonane (C9)

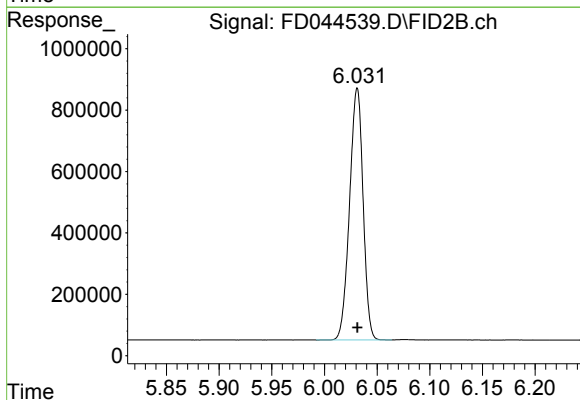
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 6400989
Conc: 49.32 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



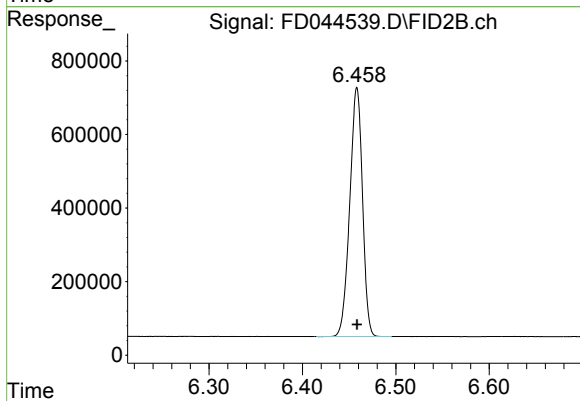
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.000 min
Response: 6293079
Conc: 49.26 ug/ml



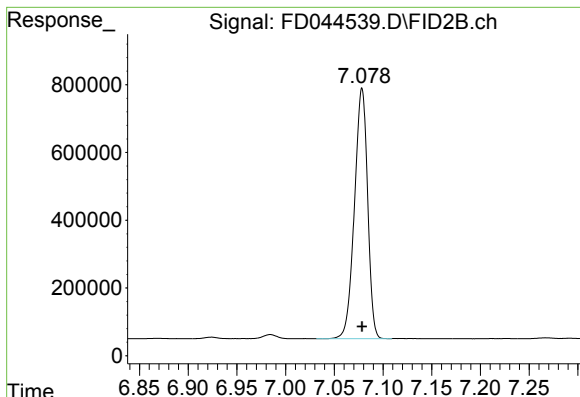
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 7322198
Conc: 49.31 ug/ml



#4 n-Dodecane (C12)

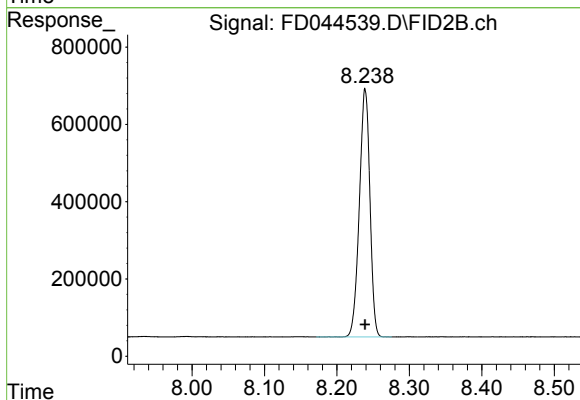
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 6406177
Conc: 49.31 ug/ml



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

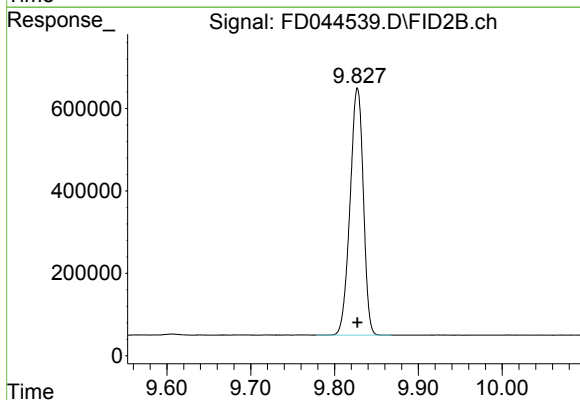
R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 6939623
Conc: 49.26 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



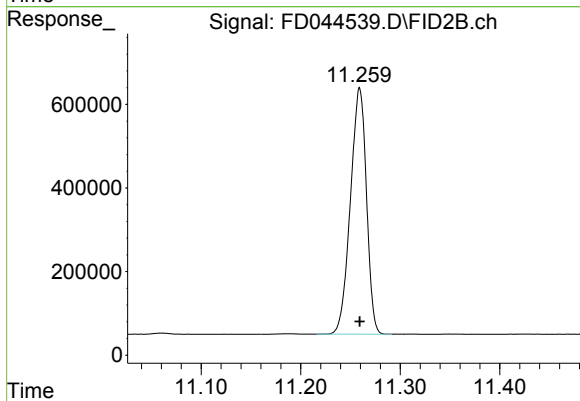
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 6488926
Conc: 49.37 ug/ml



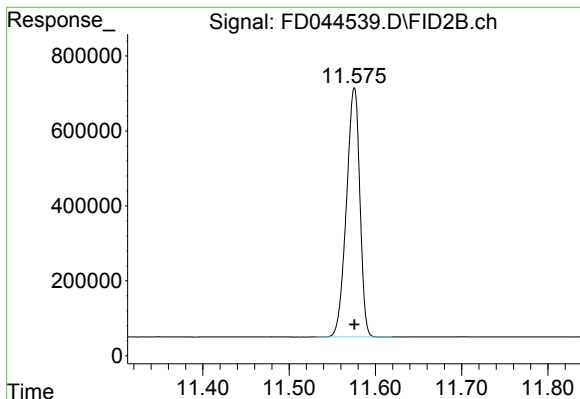
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 6602791
Conc: 49.38 ug/ml



#8 n-Octadecane (C18)

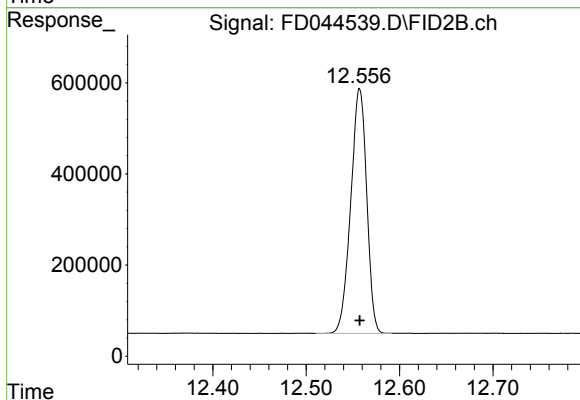
R.T.: 11.259 min
Delta R.T.: 0.000 min
Response: 6599609
Conc: 49.38 ug/ml



#9 ortho-Terphenyl (SURR)

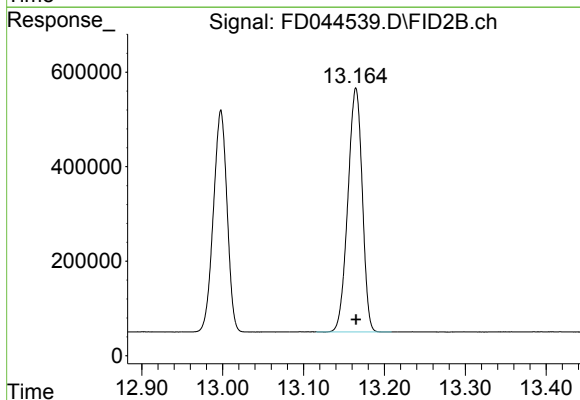
R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 7185189
Conc: 49.38 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



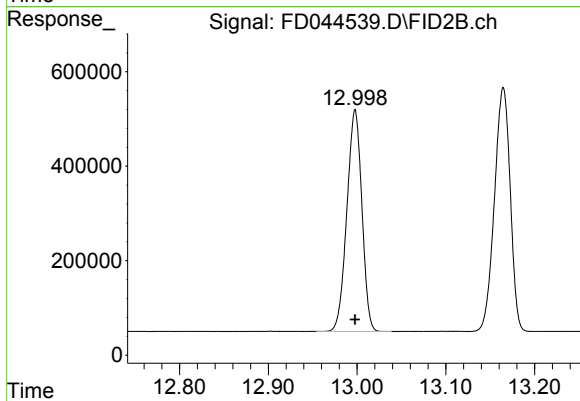
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 6372298
Conc: 49.41 ug/ml



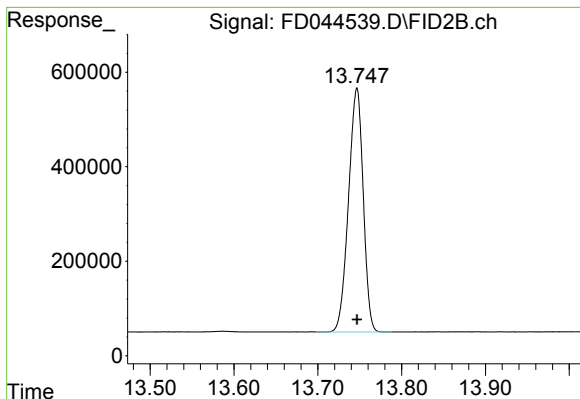
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.000 min
Response: 6372060
Conc: 49.40 ug/ml



#12 1-chlorooctadecane (SURR)

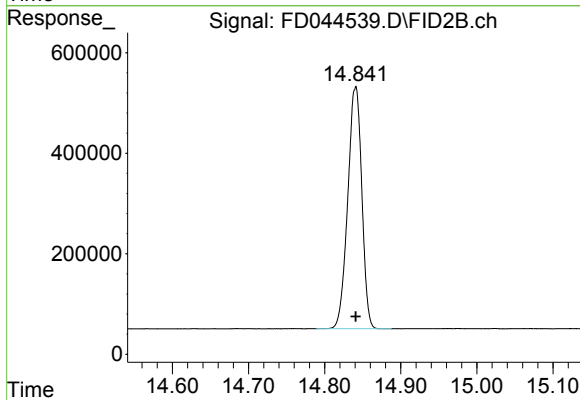
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 5508096
Conc: 49.38 ug/ml



#13 n-Docosane (C22)

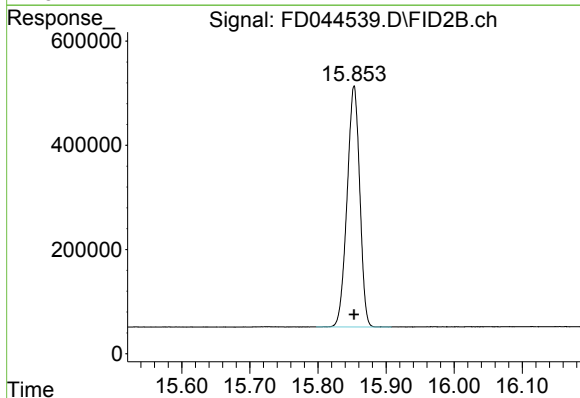
R.T.: 13.747 min
Delta R.T.: 0.000 min
Response: 6282598
Conc: 49.43 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



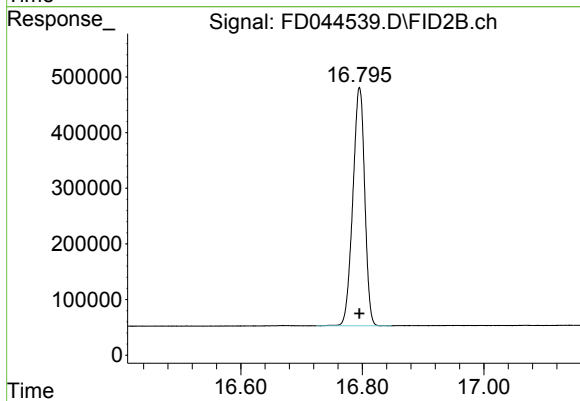
#14 n-Tetracosane (C24)

R.T.: 14.841 min
Delta R.T.: 0.000 min
Response: 6174033
Conc: 49.42 ug/ml



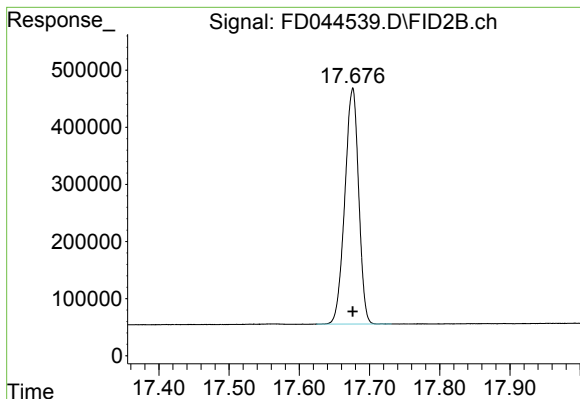
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: 0.000 min
Response: 5973237
Conc: 49.40 ug/ml



#16 n-Octacosane (C28)

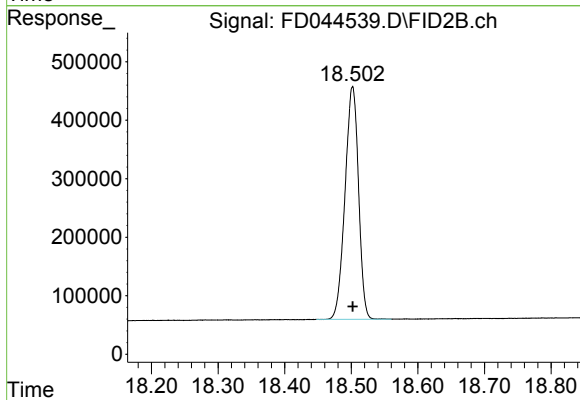
R.T.: 16.795 min
Delta R.T.: 0.000 min
Response: 5810923
Conc: 49.46 ug/ml



#17 n-Tricontane (C30)

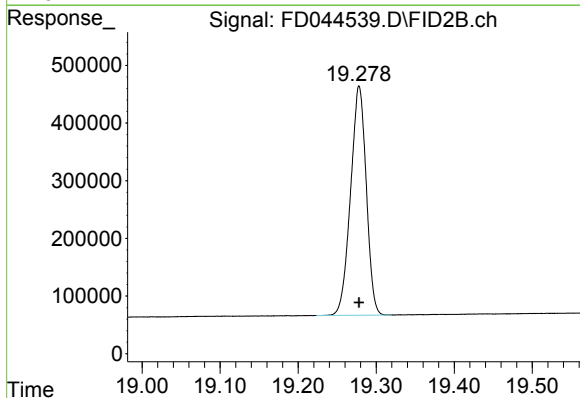
R.T.: 17.676 min
Delta R.T.: 0.000 min
Response: 5657492
Conc: 49.36 ug/ml

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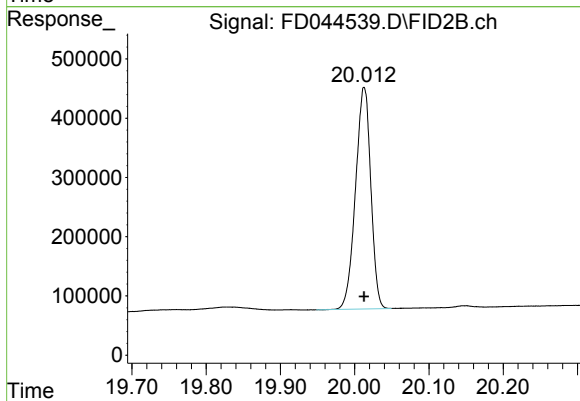
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.000 min
Response: 5610266
Conc: 49.38 ug/ml



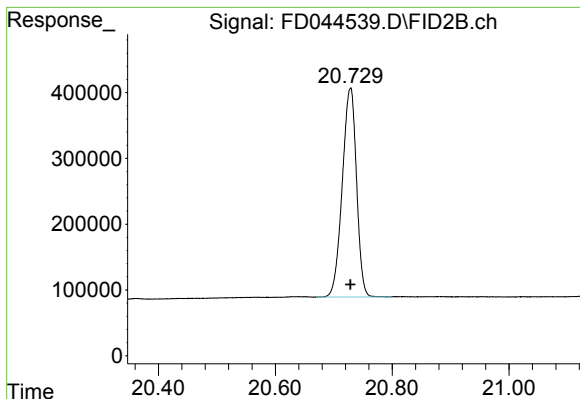
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.000 min
Response: 5552125
Conc: 49.28 ug/ml



#20 n-Hexatriacontane (C36)

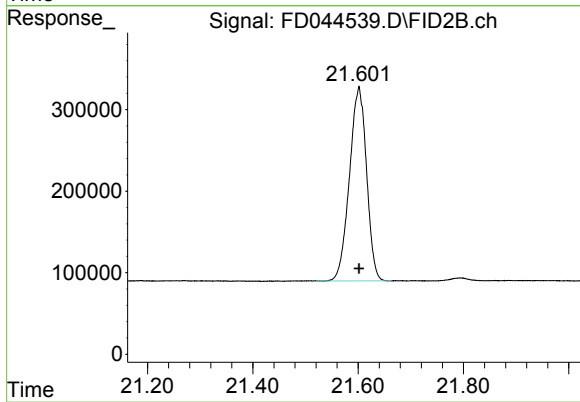
R.T.: 20.013 min
Delta R.T.: 0.000 min
Response: 5347698
Conc: 49.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.000 min
Response: 5367935
Conc: 49.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.000 min
Response: 5359943
Conc: 49.32 ug/ml