

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045405.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 02:37
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 05 05:39:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:35:20 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)	11.448	8028477	49.713 ug/ml
Spiked Amount 50.000		Recovery =	99.43%
12) S 1-chlorooctadecane (S...	12.879	5885955	49.912 ug/ml
Spiked Amount 50.000		Recovery =	99.82%
Target Compounds			
1) T n-Nonane (C9)	3.265	7202163	49.700 ug/ml
2) T n-Decane (C10)	4.323	7134440	49.621 ug/ml
3) T A~Naphthalene (C11.7)	5.889	8234063	49.649 ug/ml
4) T n-Dodecane (C12)	6.328	7214932	49.575 ug/ml
5) T A~2-methylnaphthalene...	6.939	7708627	49.587 ug/ml
6) T n-Tetradecane (C14)	8.114	7258092	49.569 ug/ml
7) T n-Hexadecane (C16)	9.705	7425463	49.666 ug/ml
8) T n-Octadecane (C18)	11.140	7487249	49.743 ug/ml
10) T n-Eicosane (C20)	12.440	7162156	49.825 ug/ml
11) T n-Heneicosane (C21)	13.049	7091637	49.762 ug/ml
13) T n-Docosane (C22)	13.631	6992090	49.865 ug/ml
14) T n-Tetracosane (C24)	14.726	6792438	50.034 ug/ml
15) T n-Hexacosane (C26)	15.741	6606927	50.380 ug/ml
16) T n-Octacosane (C28)	16.683	6454447	50.500 ug/ml
17) T n-Tricontane (C30)	17.564	6323930	50.495 ug/ml
18) T n-Dotriacontane (C32)	18.390	6237452	50.228 ug/ml
19) T n-Tetratriacontane (C34)	19.167	5992659	49.850 ug/ml
20) T n-Hexatriacontane (C36)	19.901	5552708	49.857 ug/ml
21) T n-Octatriacontane (C38)	20.605	5321470	50.009 ug/ml
22) T n-Tetracontane (C40)	21.440	5063602	49.777 ug/ml

(f)=RT Delta > 1/2 Window

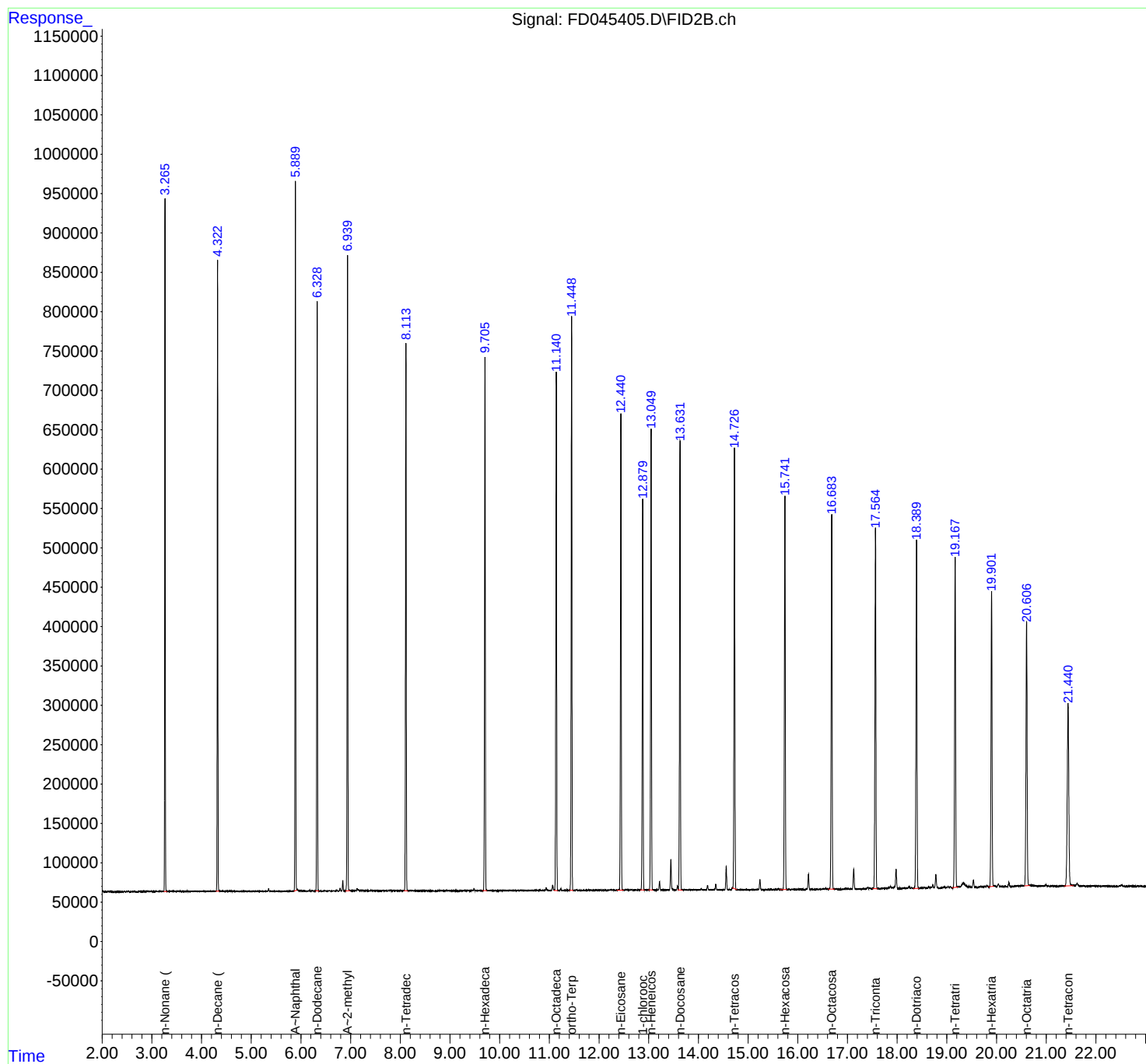
(m)=manual int.

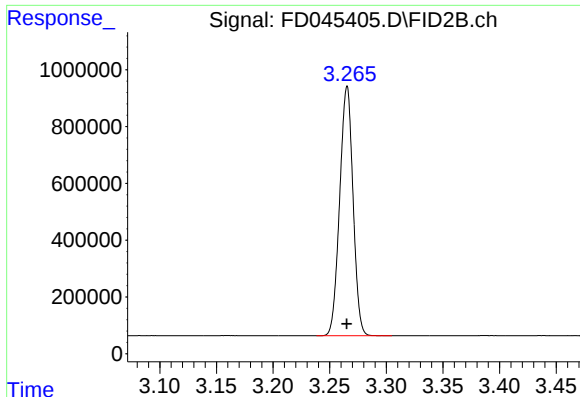
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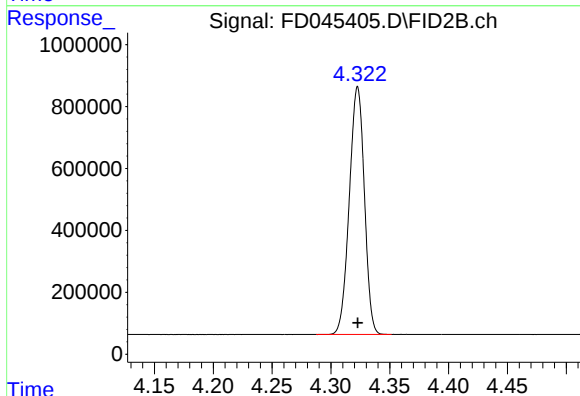




#1 n-Nonane (C9)

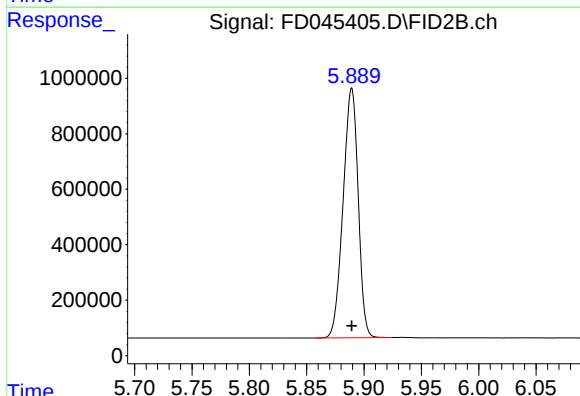
R.T.: 3.265 min
Delta R.T.: 0.000 min
Response: 7202163
Conc: 49.70 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



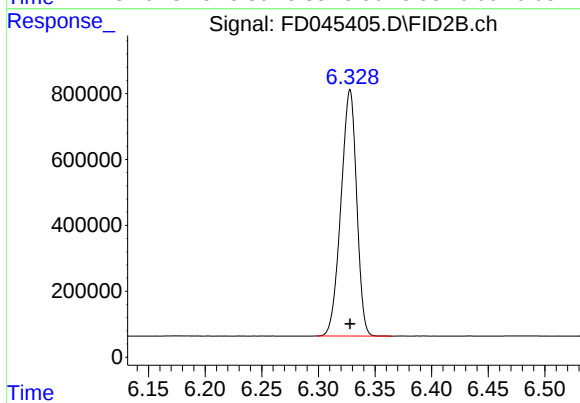
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 7134440
Conc: 49.62 ug/ml



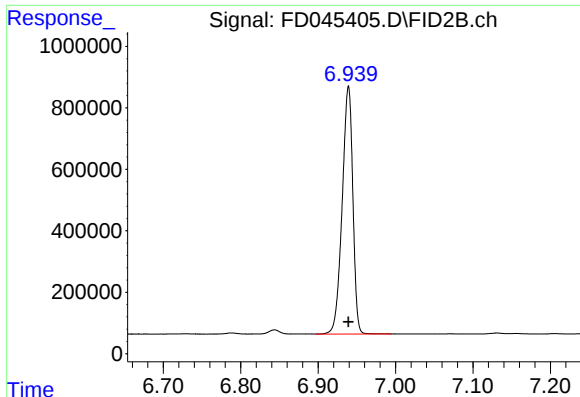
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 8234063
Conc: 49.65 ug/ml



#4 n-Dodecane (C12)

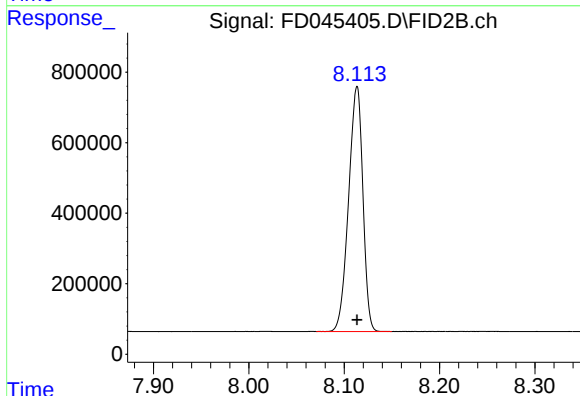
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 7214932
Conc: 49.58 ug/ml



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

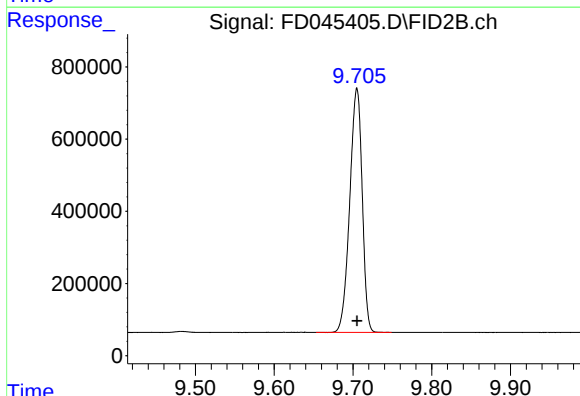
R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 7708627
Conc: 49.59 ug/ml

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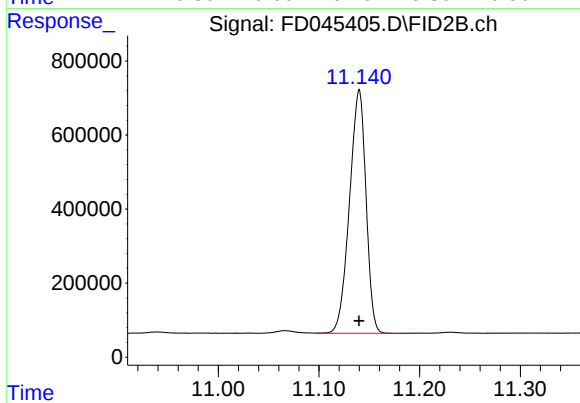
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 7258092
Conc: 49.57 ug/ml



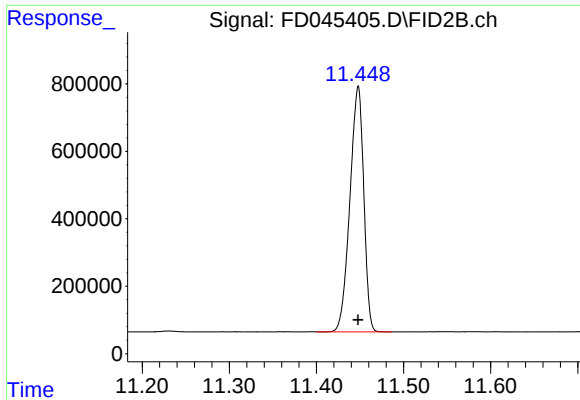
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: 0.000 min
Response: 7425463
Conc: 49.67 ug/ml



#8 n-Octadecane (C18)

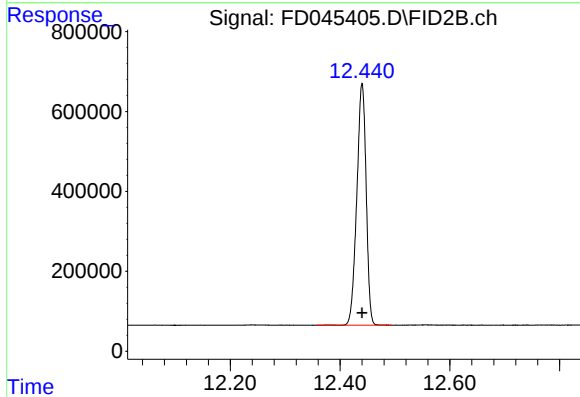
R.T.: 11.140 min
Delta R.T.: 0.000 min
Response: 7487249
Conc: 49.74 ug/ml



#9 ortho-Terphenyl (SURR)

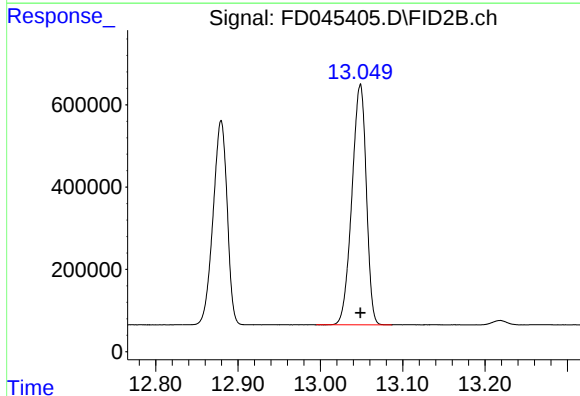
R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 8028477
Conc: 49.71 ug/ml

Instrument :
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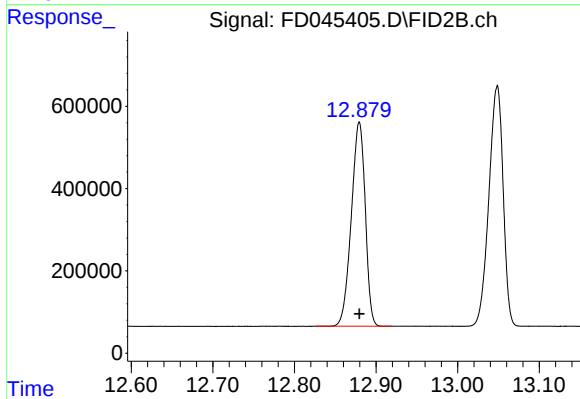
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: 0.000 min
Response: 7162156
Conc: 49.82 ug/ml



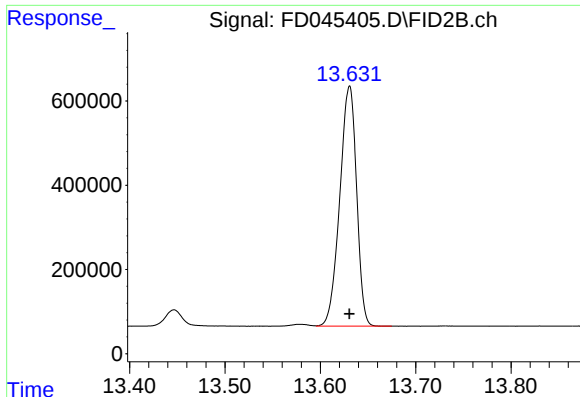
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 7091637
Conc: 49.76 ug/ml



#12 1-chlorooctadecane (SURR)

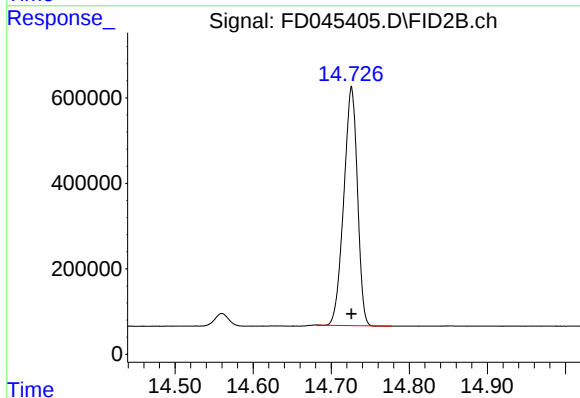
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 5885955
Conc: 49.91 ug/ml



#13 n-Docosane (C22)

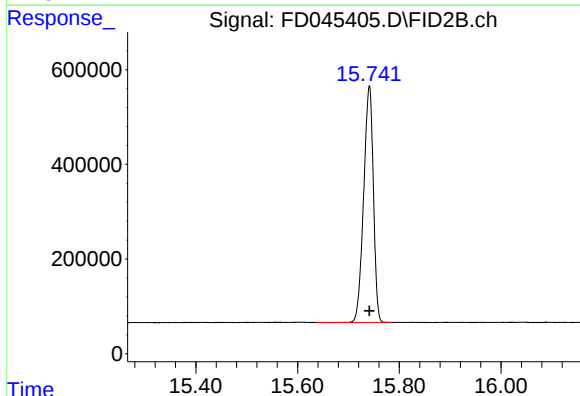
R.T.: 13.631 min
Delta R.T.: 0.000 min
Response: 6992090
Conc: 49.86 ug/ml

Instrument :
FID_D
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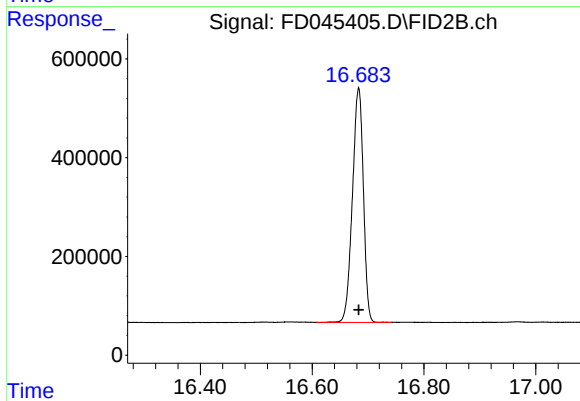
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 6792438
Conc: 50.03 ug/ml



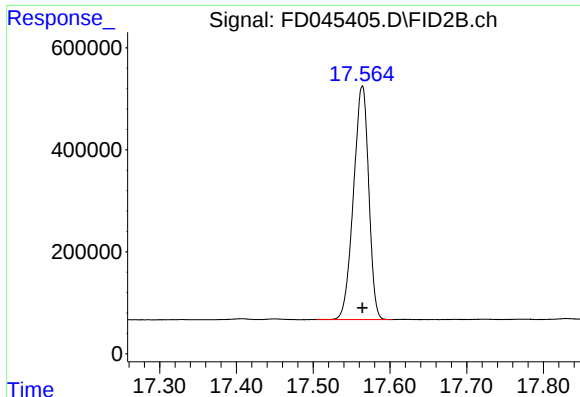
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 6606927
Conc: 50.38 ug/ml



#16 n-Octacosane (C28)

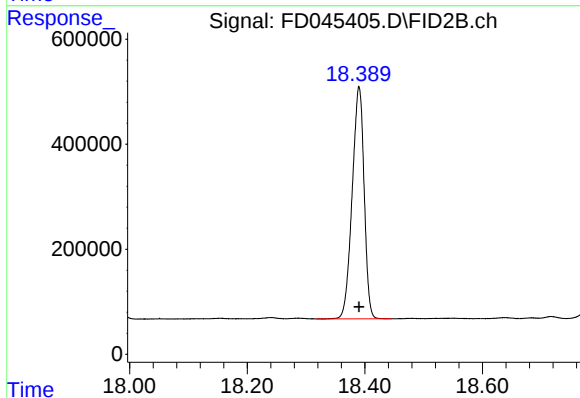
R.T.: 16.683 min
Delta R.T.: 0.000 min
Response: 6454447
Conc: 50.50 ug/ml



#17 n-Tricontane (C30)

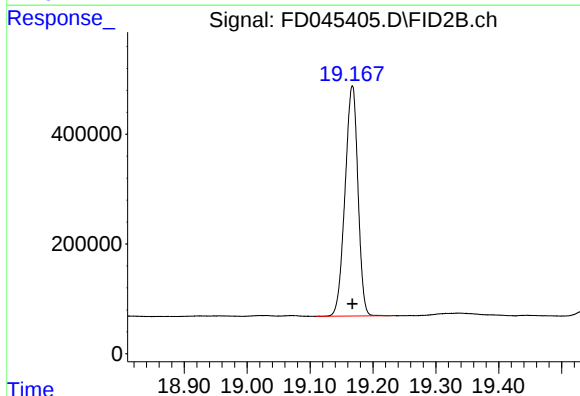
R.T.: 17.564 min
Delta R.T.: 0.000 min
Response: 6323930
Conc: 50.49 ug/ml

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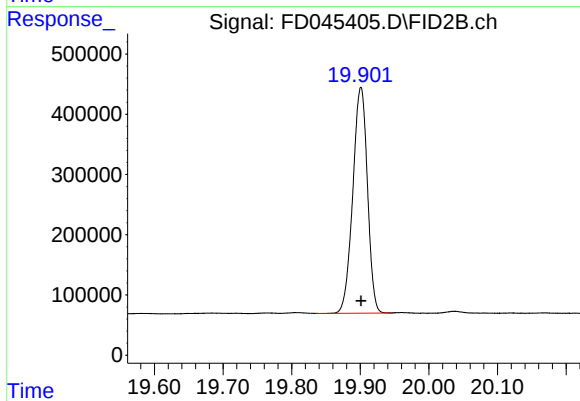
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: 0.000 min
Response: 6237452
Conc: 50.23 ug/ml



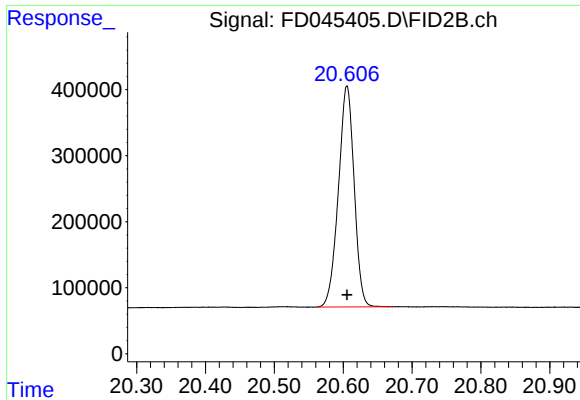
#19 n-Tetratriacontane (C34)

R.T.: 19.167 min
Delta R.T.: 0.000 min
Response: 5992659
Conc: 49.85 ug/ml



#20 n-Hexatriacontane (C36)

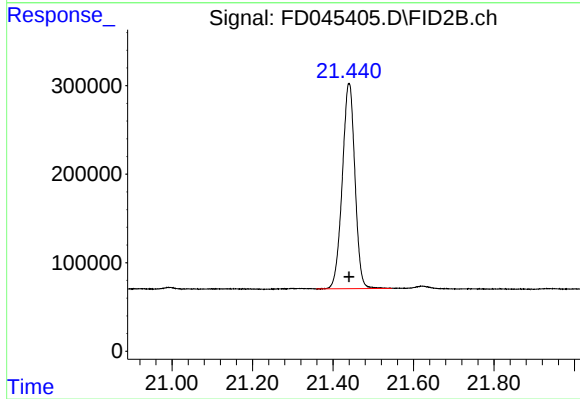
R.T.: 19.901 min
Delta R.T.: 0.000 min
Response: 5552708
Conc: 49.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 5321470
Conc: 50.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.440 min
Delta R.T.: 0.000 min
Response: 5063602
Conc: 49.78 ug/ml