

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012864.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 10:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 00:48:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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)	10.882	2998646	18.721 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
12) S 1-chlorooctadecane (S...	12.314	2124184	17.973 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T n-Nonane (C9)	2.742	2431781	18.582 ug/ml
2) T n-Decane (C10)	3.751	2455049	18.376 ug/ml
3) T A~Naphthalene (C11.7)	5.317	2472262	17.547 ug/ml
4) T n-Dodecane (C12)	5.737	2483107	18.345 ug/ml
5) T A~2-methylnaphthalene...	6.366	2297853	17.314 ug/ml
6) T n-Tetradecane (C14)	7.526	2442984	18.259 ug/ml
7) T n-Hexadecane (C16)	9.124	2515791	18.173 ug/ml
8) T n-Octadecane (C18)	10.563	2612585	18.353 ug/ml
10) T n-Eicosane (C20)	11.870	2540319	18.472 ug/ml
11) T n-Heneicosane (C21)	12.481	2507562	18.542 ug/ml
13) T n-Docosane (C22)	13.065	2478651	18.516 ug/ml
14) T n-Tetracosane (C24)	14.166	2450501	18.637 ug/ml
15) T n-Hexacosane (C26)	15.186	2386951	18.773 ug/ml
16) T n-Octacosane (C28)	16.134	2315149	18.830 ug/ml
17) T n-Tricontane (C30)	17.020	2337097	18.931 ug/ml
18) T n-Dotriacontane (C32)	17.850	2294843	18.967 ug/ml
19) T n-Tetratriacontane (C34)	18.632	2240901	19.154 ug/ml
20) T n-Hexatriacontane (C36)	19.370	2144498	19.034 ug/ml
21) T n-Octatriacontane (C38)	20.095	2059830	18.493 ug/ml
22) T n-Tetracontane (C40)	20.980	1921910	17.417 ug/ml

(f)=RT Delta > 1/2 Window

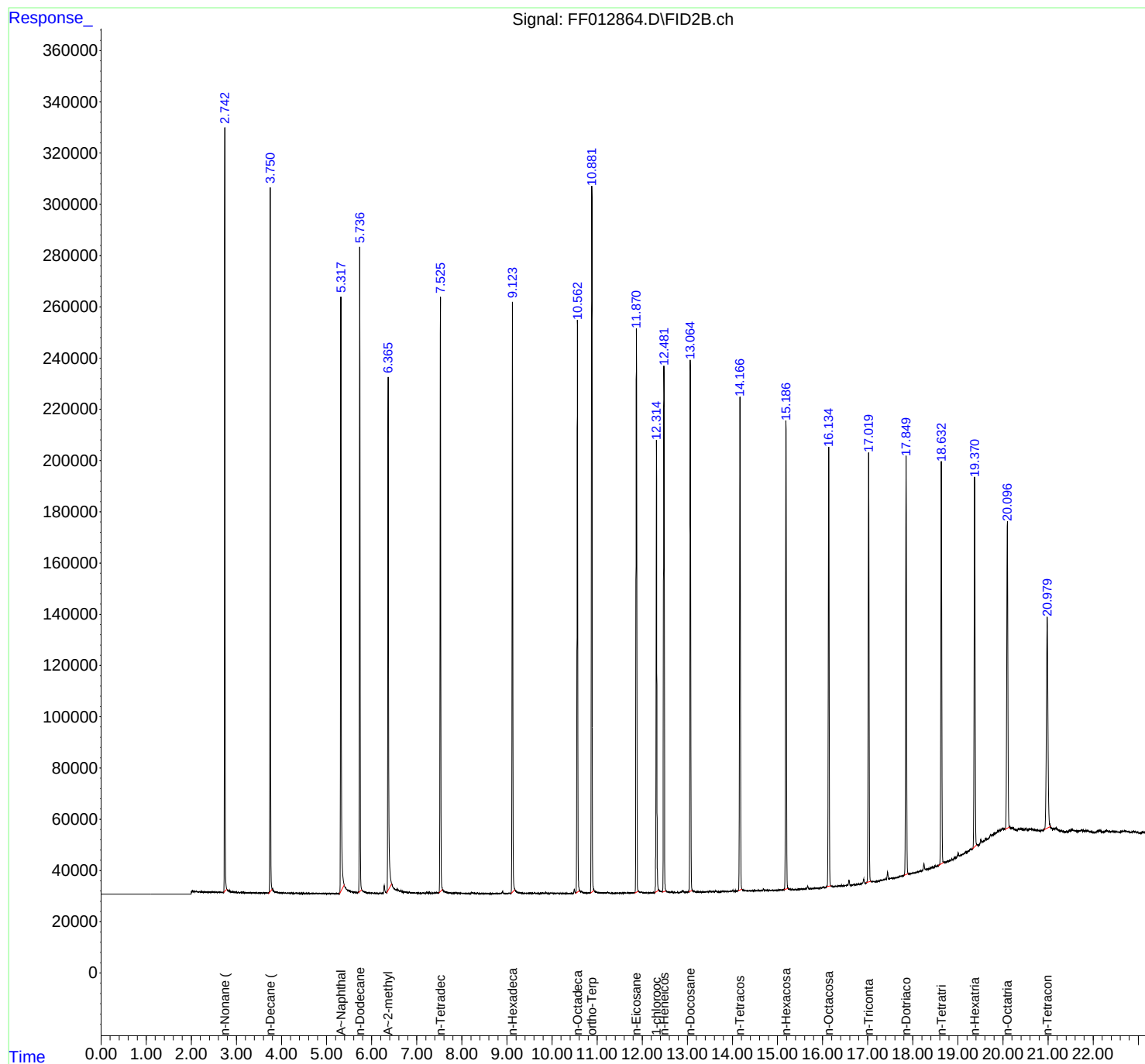
(m)=manual int.

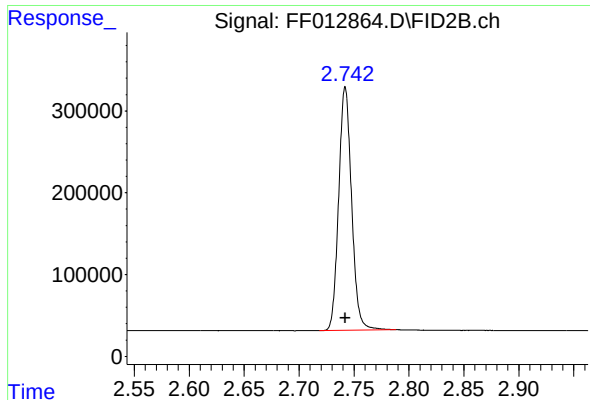
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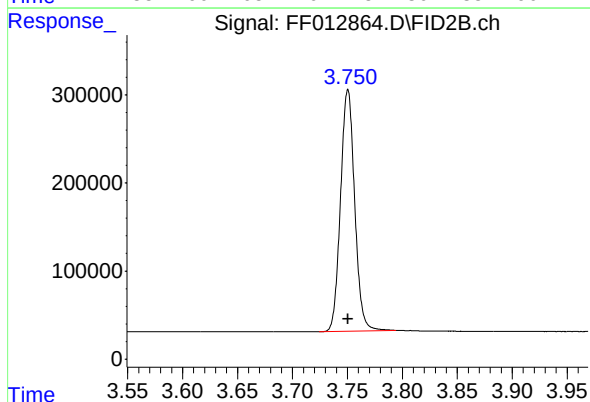




#1 n-Nonane (C9)

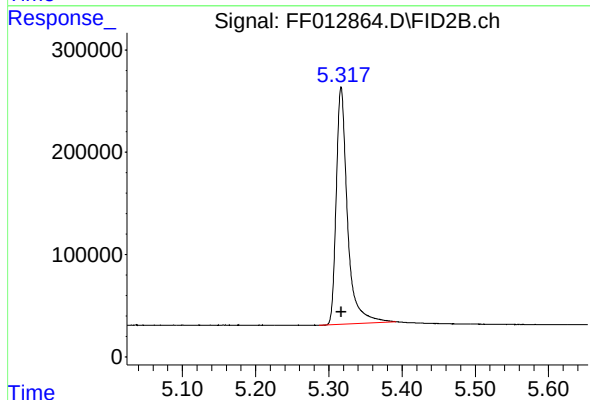
R.T.: 2.742 min
Delta R.T.: 0.000 min
Response: 2431781
Conc: 18.58 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



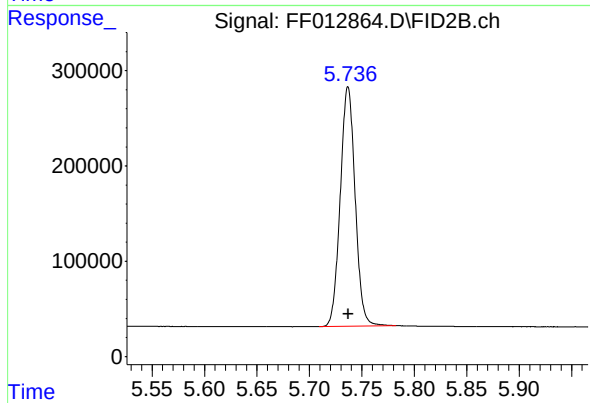
#2 n-Decane (C10)

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 2455049
Conc: 18.38 ug/ml



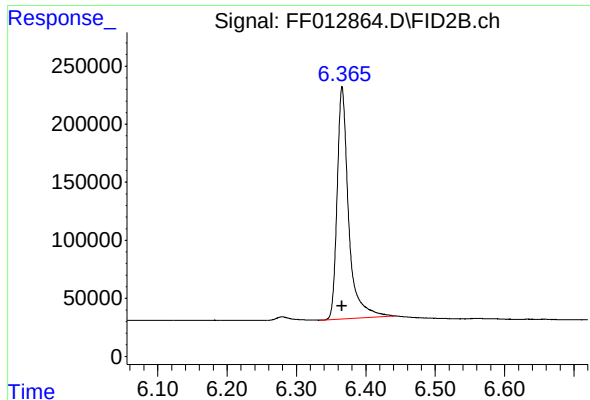
#3 A~Naphthalene (C11.7)

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 2472262
Conc: 17.55 ug/ml



#4 n-Dodecane (C12)

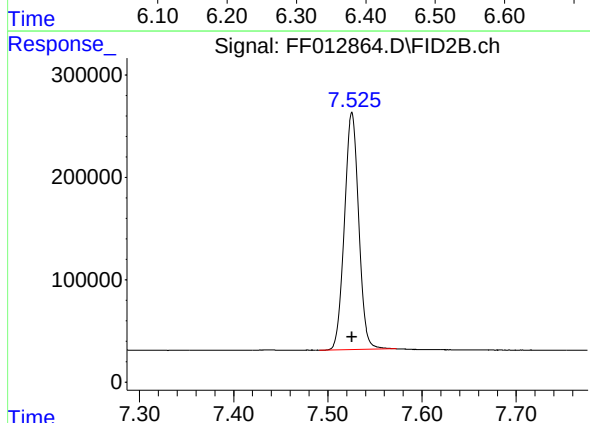
R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 2483107
Conc: 18.34 ug/ml



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

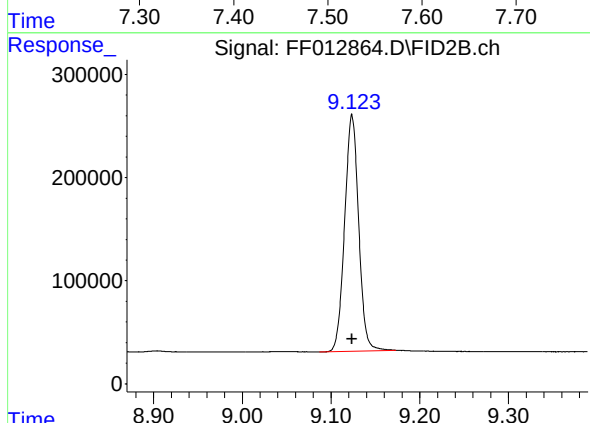
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 2297853
Conc: 17.31 ug/ml

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20 PPM ALIPHATIC HC STD



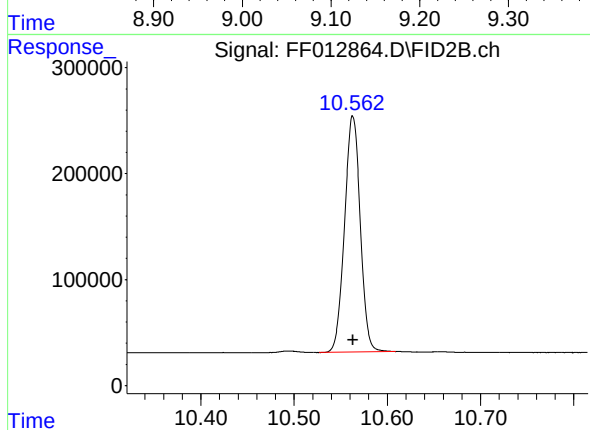
#6 n-Tetradecane (C14)

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 2442984
Conc: 18.26 ug/ml



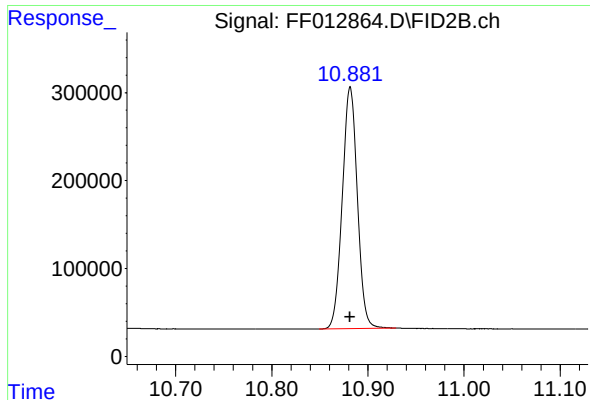
#7 n-Hexadecane (C16)

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 2515791
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

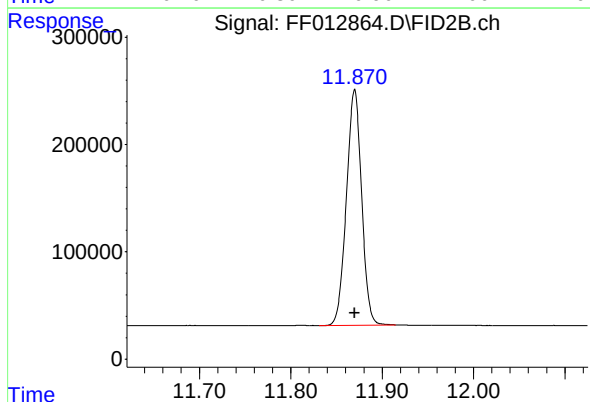
R.T.: 10.563 min
Delta R.T.: 0.000 min
Response: 2612585
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

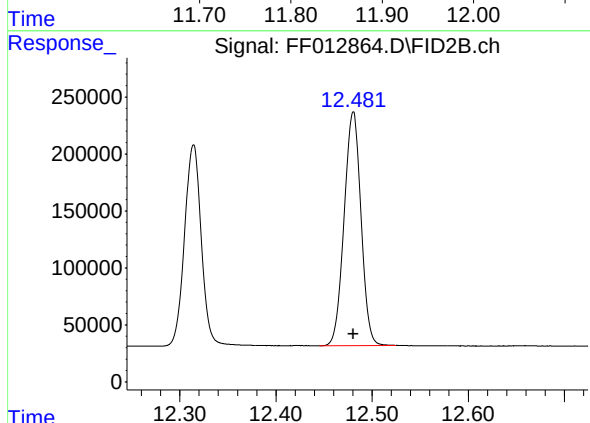
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 2998646
Conc: 18.72 ug/ml

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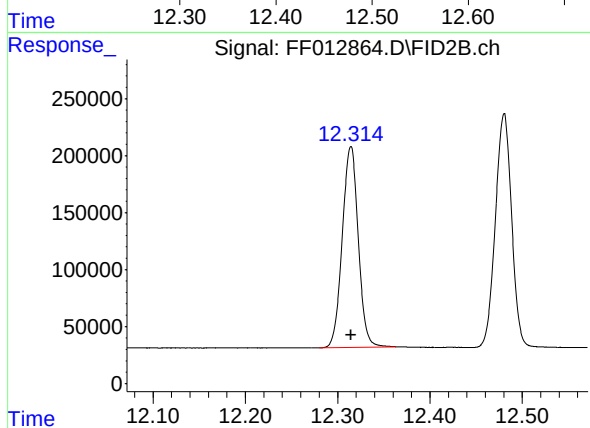
#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.000 min
Response: 2540319
Conc: 18.47 ug/ml



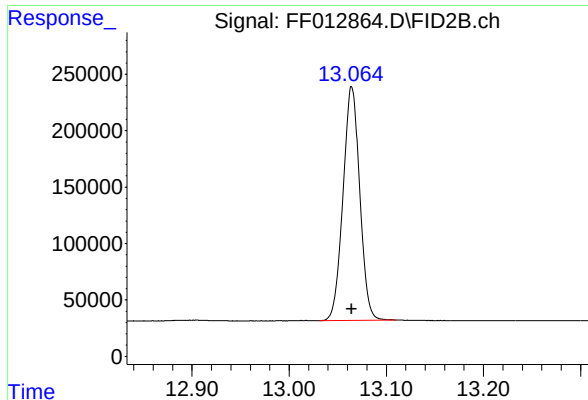
#11 n-Heneicosane (C21)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2507562
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

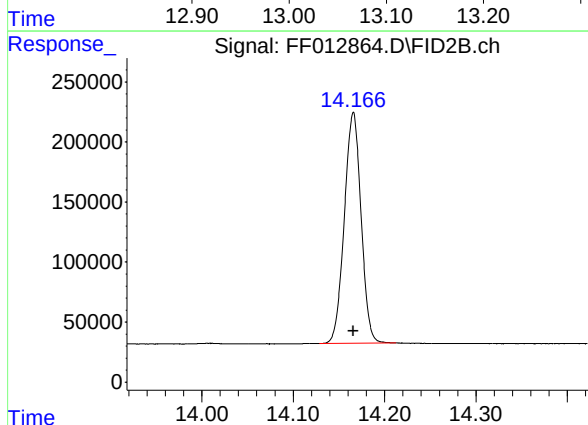
R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 2124184
Conc: 17.97 ug/ml



#13 n-Docosane (C22)

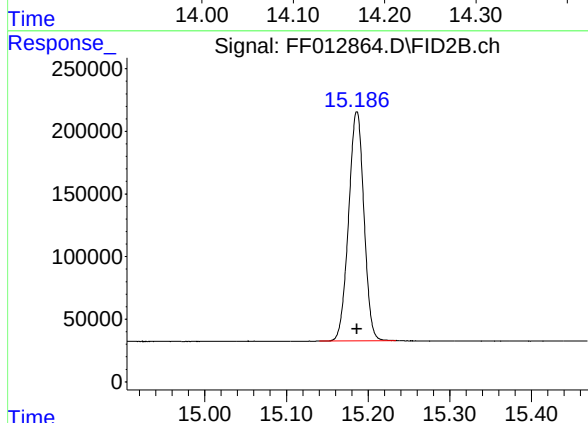
R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 2478651
Conc: 18.52 ug/ml

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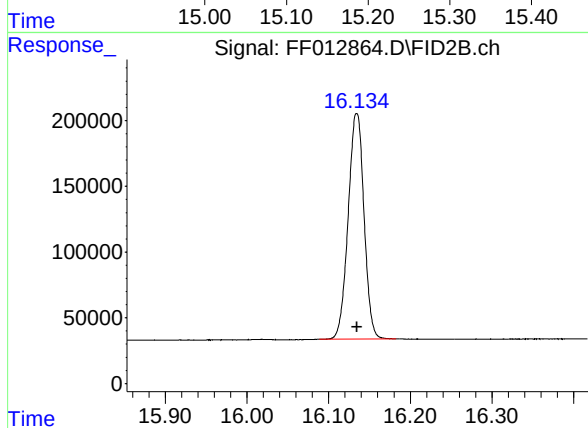
#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2450501
Conc: 18.64 ug/ml



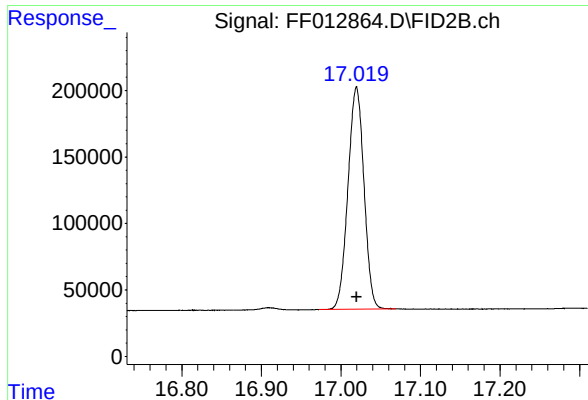
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 2386951
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

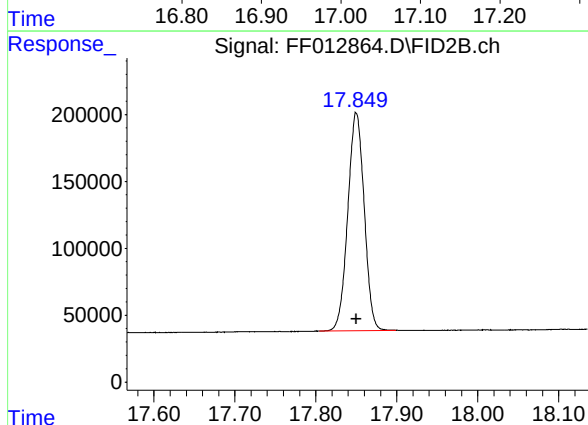
R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 2315149
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

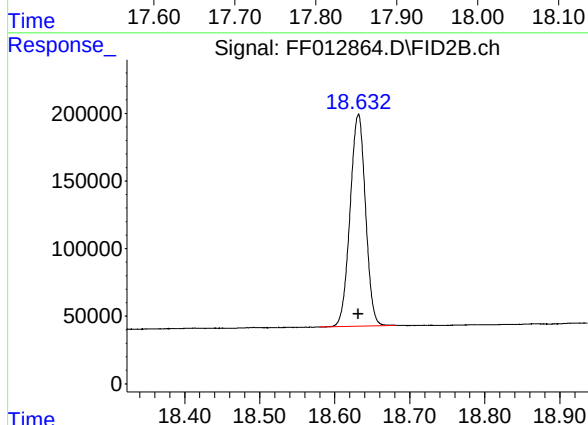
R.T.: 17.020 min
Delta R.T.: 0.000 min
Response: 2337097
Conc: 18.93 ug/ml

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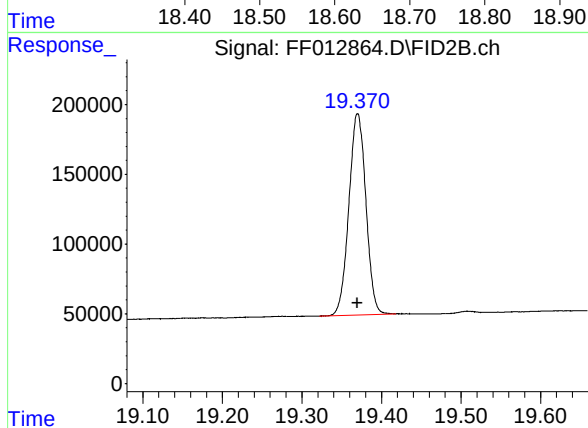
#18 n-Dotriacontane (C32)

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 2294843
Conc: 18.97 ug/ml



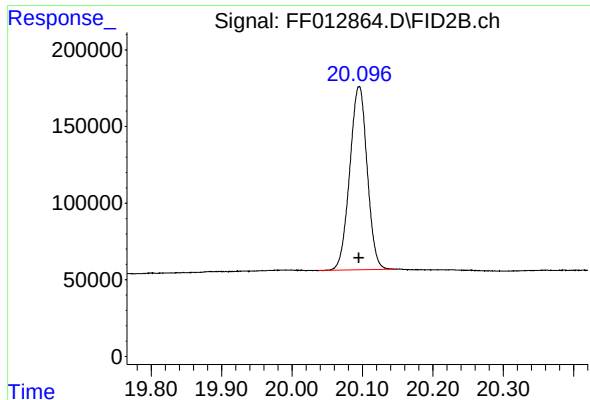
#19 n-Tetratriacontane (C34)

R.T.: 18.632 min
Delta R.T.: 0.000 min
Response: 2240901
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

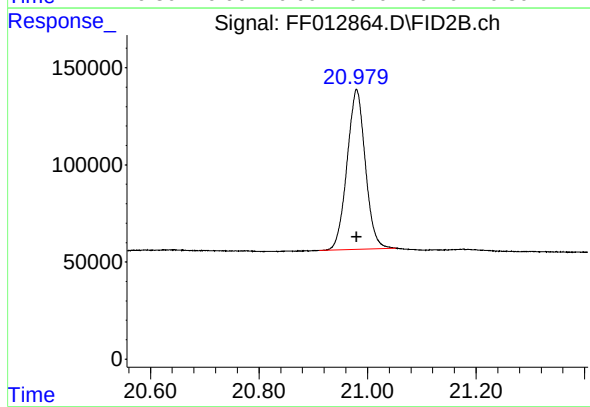
R.T.: 19.370 min
Delta R.T.: 0.000 min
Response: 2144498
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.095 min
Delta R.T.: 0.000 min
Response: 2059830
Conc: 18.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.980 min
Delta R.T.: 0.000 min
Response: 1921910
Conc: 17.42 ug/ml