

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
 Data File : FD048485.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 15:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 14 05:29:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 2024
 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)	11.263	3719160	18.744 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	12.704	2801145	18.725 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.125	3208733	19.105 ug/ml
2) T n-Decane (C10)	4.170	3288850	18.951 ug/ml
3) T A~Naphthalene (C11.7)	5.718	3583197	18.966 ug/ml
4) T n-Dodecane (C12)	6.164	3325430	18.994 ug/ml
5) T A~2-methylnaphthalene...	6.764	3479015	19.326 ug/ml
6) T n-Tetradecane (C14)	7.945	3292512	18.870 ug/ml
7) T n-Hexadecane (C16)	9.534	3375490	18.730 ug/ml
8) T n-Octadecane (C18)	10.966	3387488	18.660 ug/ml
10) T n-Eicosane (C20)	12.267	3264840	18.718 ug/ml
11) T n-Heneicosane (C21)	12.875	3217807	18.808 ug/ml
13) T n-Docosane (C22)	13.458	3177097	18.604 ug/ml
14) T n-Tetracosane (C24)	14.554	3112402	18.375 ug/ml
15) T n-Hexacosane (C26)	15.569	3021222	18.252 ug/ml
16) T n-Octacosane (C28)	16.514	2916078	17.712 ug/ml
17) T n-Tricontane (C30)	17.396	2894634	16.884 ug/ml
18) T n-Dotriacontane (C32)	18.224	2783167	16.634 ug/ml
19) T n-Tetratriacontane (C34)	19.003	2415425	16.742 ug/ml
20) T n-Hexatriacontane (C36)	19.738	2062955	17.182 ug/ml
21) T n-Octatriacontane (C38)	20.436	1951128	17.424 ug/ml
22) T n-Tetracontane (C40)	21.217	1761068	17.591 ug/ml

(f)=RT Delta > 1/2 Window

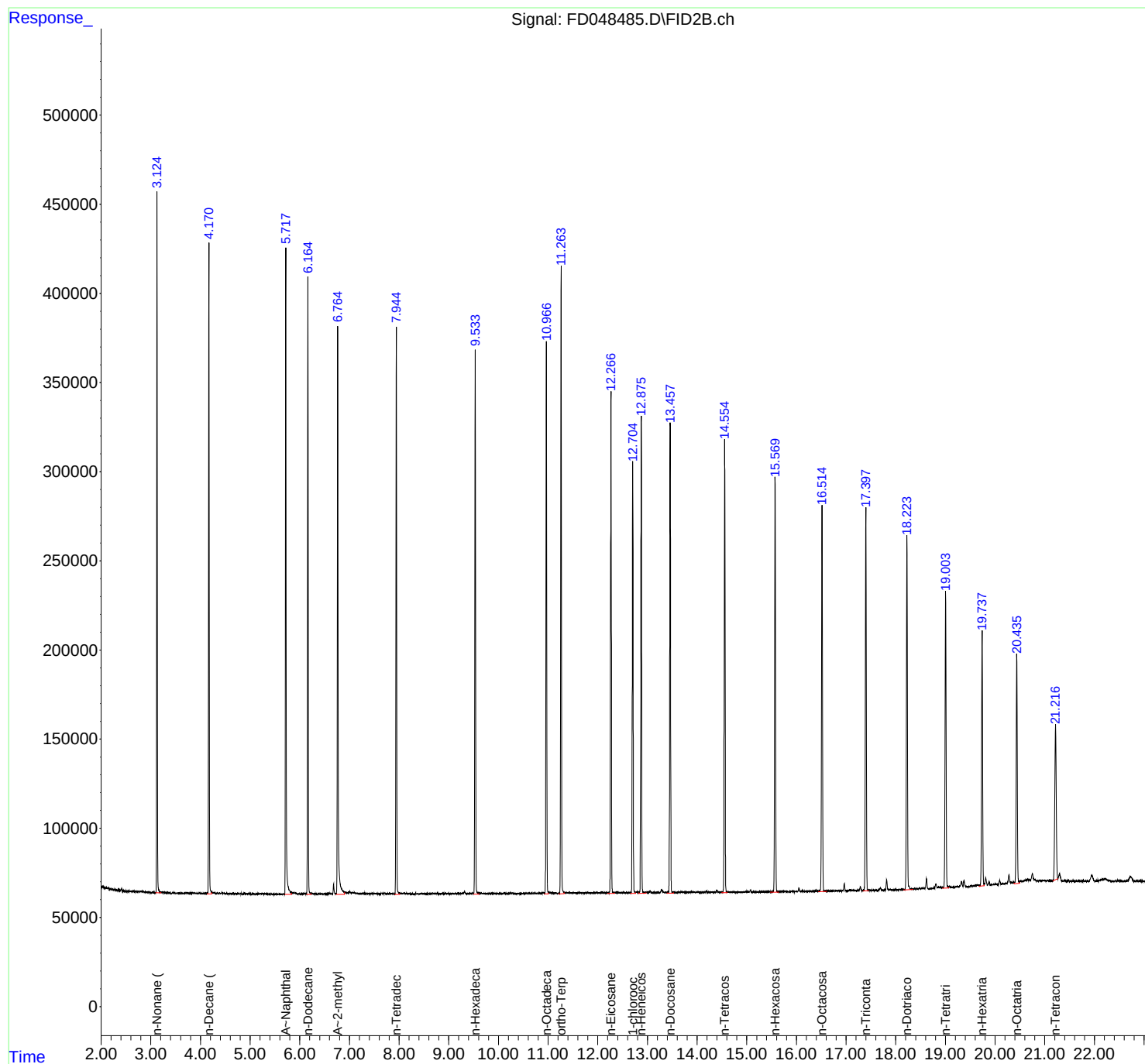
(m)=manual int.

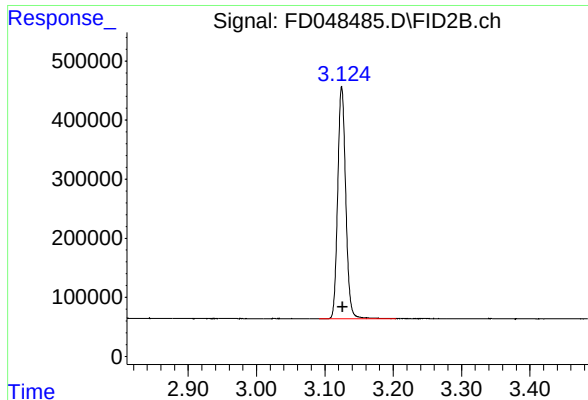
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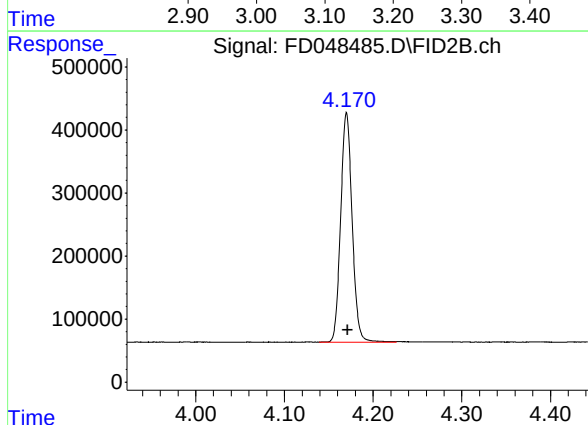




#1 n-Nonane (C9)

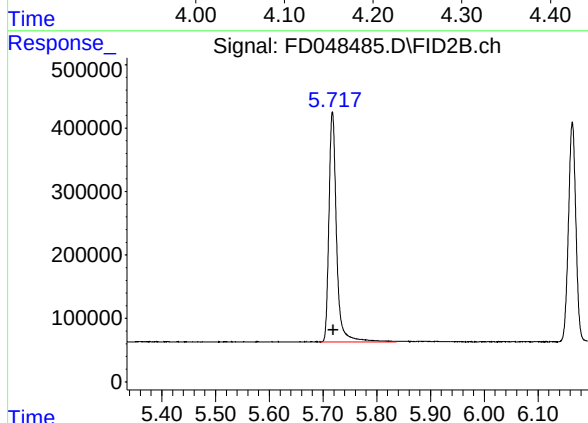
R.T.: 3.125 min
Delta R.T.: -0.001 min
Response: 3208733
Conc: 19.11 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



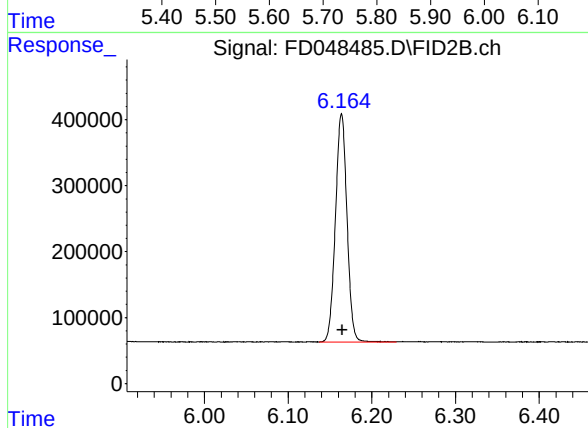
#2 n-Decane (C10)

R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 3288850
Conc: 18.95 ug/ml



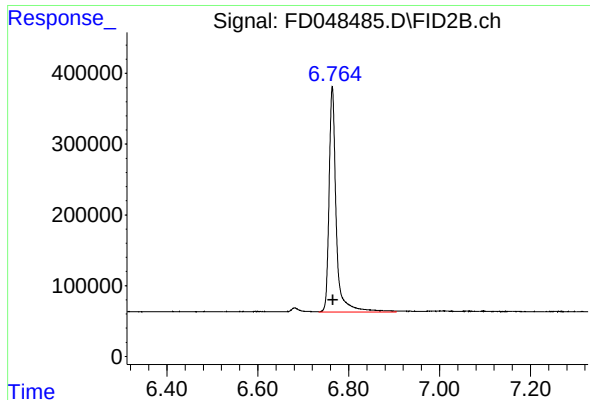
#3 A~Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 3583197
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

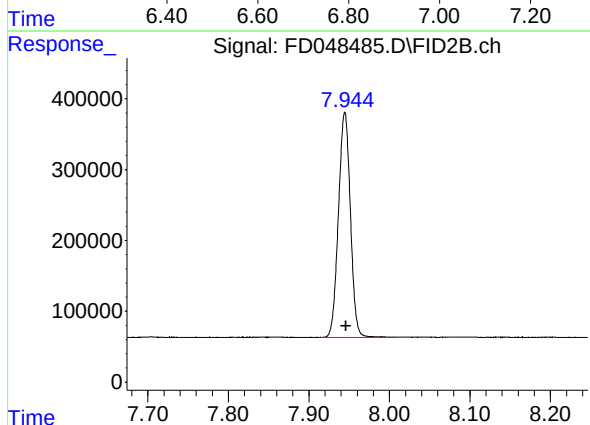
R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 3325430
Conc: 18.99 ug/ml



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

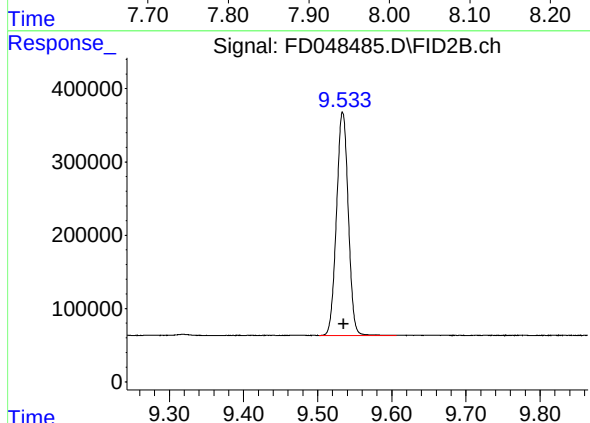
R.T.: 6.764 min
Delta R.T.: -0.001 min
Response: 3479015
Conc: 19.33 ug/ml

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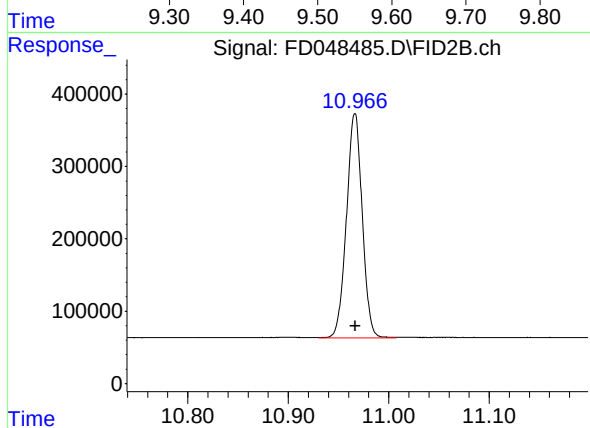
#6 n-Tetradecane (C14)

R.T.: 7.945 min
Delta R.T.: -0.001 min
Response: 3292512
Conc: 18.87 ug/ml



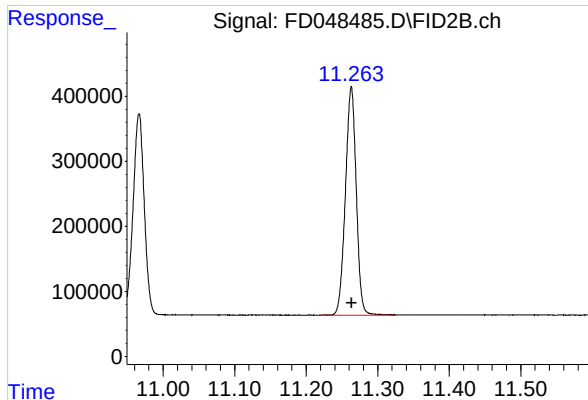
#7 n-Hexadecane (C16)

R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 3375490
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

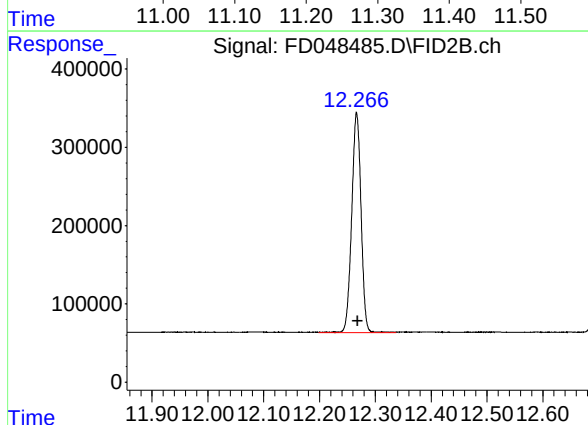
R.T.: 10.966 min
Delta R.T.: 0.000 min
Response: 3387488
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

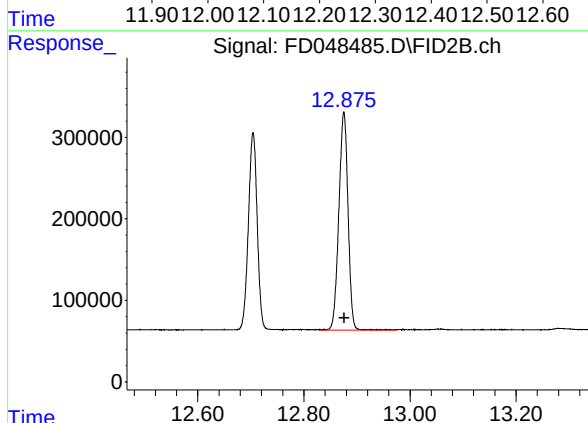
R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 3719160
Conc: 18.74 ug/ml

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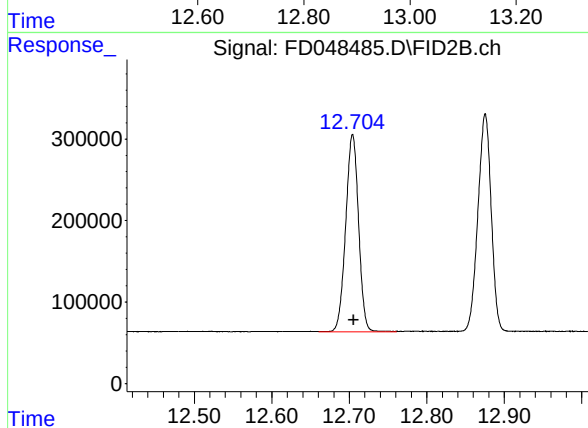
#10 n-Eicosane (C20)

R.T.: 12.267 min
Delta R.T.: -0.002 min
Response: 3264840
Conc: 18.72 ug/ml



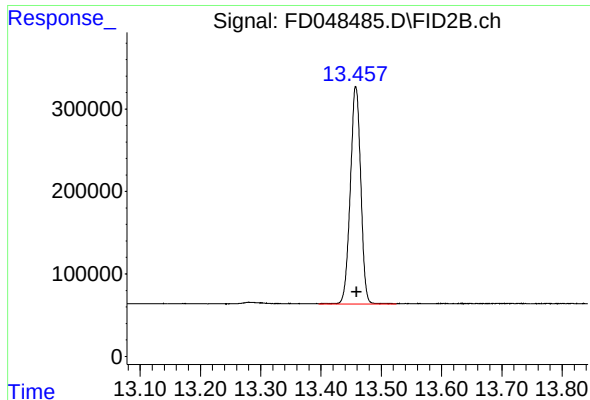
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: 0.000 min
Response: 3217807
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

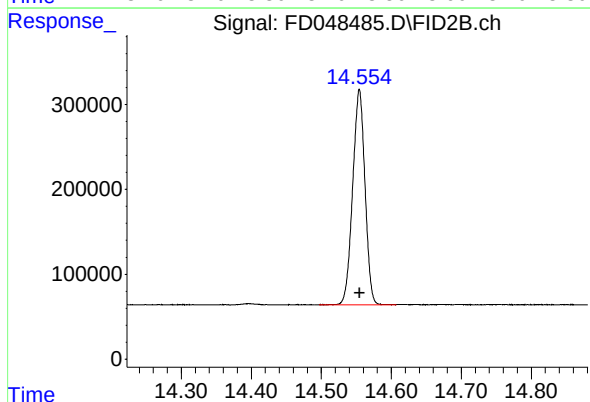
R.T.: 12.704 min
Delta R.T.: -0.001 min
Response: 2801145
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

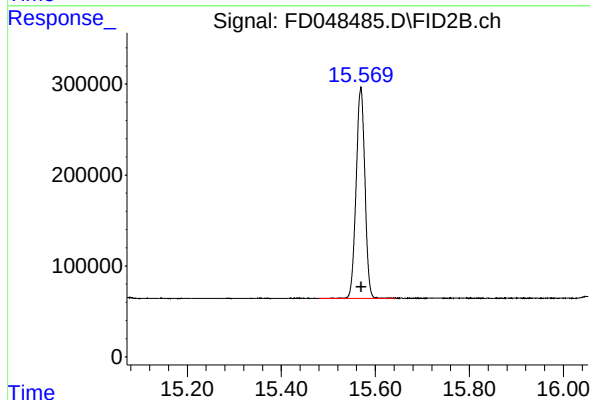
R.T.: 13.458 min
Delta R.T.: 0.000 min
Response: 3177097
Conc: 18.60 ug/ml

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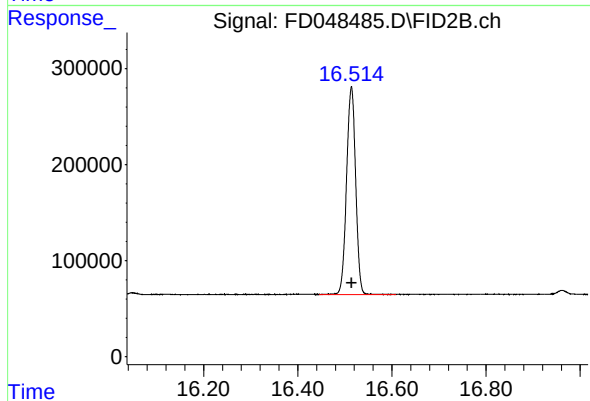
#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 3112402
Conc: 18.38 ug/ml



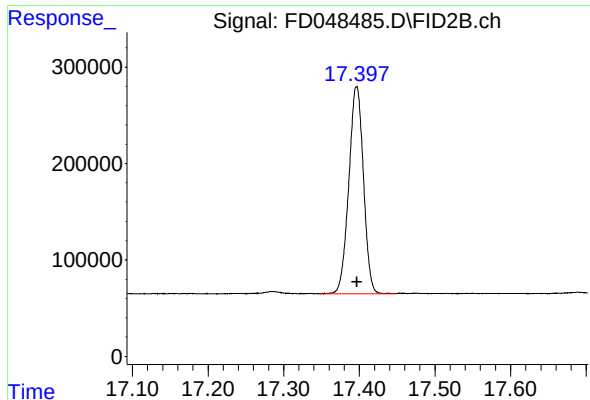
#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: -0.001 min
Response: 3021222
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

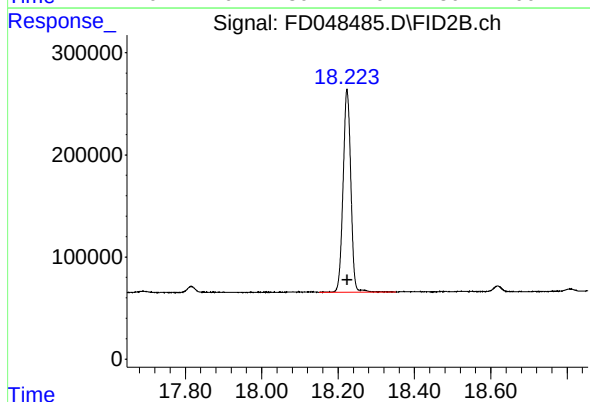
R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 2916078
Conc: 17.71 ug/ml



#17 n-Tricontane (C30)

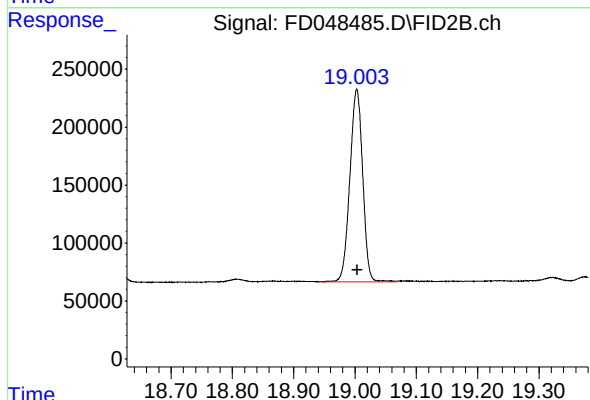
R.T.: 17.396 min
Delta R.T.: 0.000 min
Response: 2894634
Conc: 16.88 ug/ml

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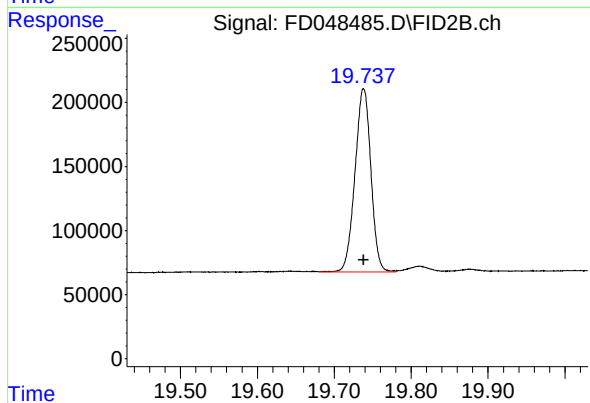
#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 2783167
Conc: 16.63 ug/ml



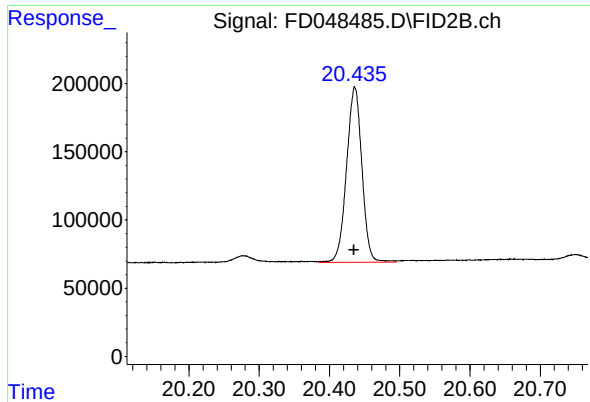
#19 n-Tetatriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 2415425
Conc: 16.74 ug/ml



#20 n-Hexatriacontane (C36)

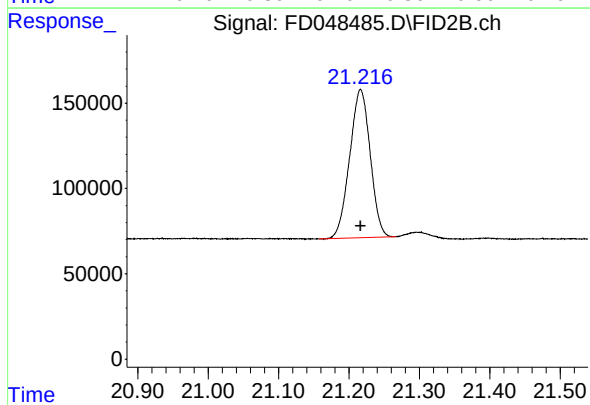
R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 2062955
Conc: 17.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.436 min
Delta R.T.: 0.001 min
Response: 1951128
Conc: 17.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 1761068
Conc: 17.59 ug/ml