

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120723AL\
 Data File : FE045724.D
 Signal(s) : FID1B.ch
 Acq On : 07 Dec 2023 23:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 08 00:13:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.858	4023339	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
12) S 1-chlorooctadecane (S...	13.301	2965704	18.848 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.243	3329123	20.994 ug/ml
2) T n-Decane (C10)	4.495	3426693	21.399 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3718070	21.344 ug/ml
4) T n-Dodecane (C12)	6.662	3454622	21.387 ug/ml
5) T A~2-methylnaphthalene...	7.292	3606956	21.240 ug/ml
6) T n-Tetradecane (C14)	8.489	3418526	21.309 ug/ml
7) T n-Hexadecane (C16)	10.100	3455844	20.869 ug/ml
8) T n-Octadecane (C18)	11.545	3450723	20.127 ug/ml
10) T n-Eicosane (C20)	12.856	3313464	19.151 ug/ml
11) T n-Heneicosane (C21)	13.469	3236118	18.811 ug/ml
13) T n-Docosane (C22)	14.056	3183289	18.462 ug/ml
14) T n-Tetracosane (C24)	15.162	3099581	17.755 ug/ml
15) T n-Hexacosane (C26)	16.185	3002578	17.241 ug/ml
16) T n-Octacosane (C28)	17.137	2955674	17.101 ug/ml
17) T n-Tricontane (C30)	18.027	3031108	17.326 ug/ml
18) T n-Dotriacontane (C32)	18.862	3063856	16.794 ug/mlm
19) T n-Tetratriacontane (C34)	19.647	2956473	17.818 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2857914	18.004 ug/ml
21) T n-Octatriacontane (C38)	21.126	3083541	19.663 ug/ml
22) T n-Tetracontane (C40)	22.028	3163987	22.264 ug/mlm

(f)=RT Delta > 1/2 Window

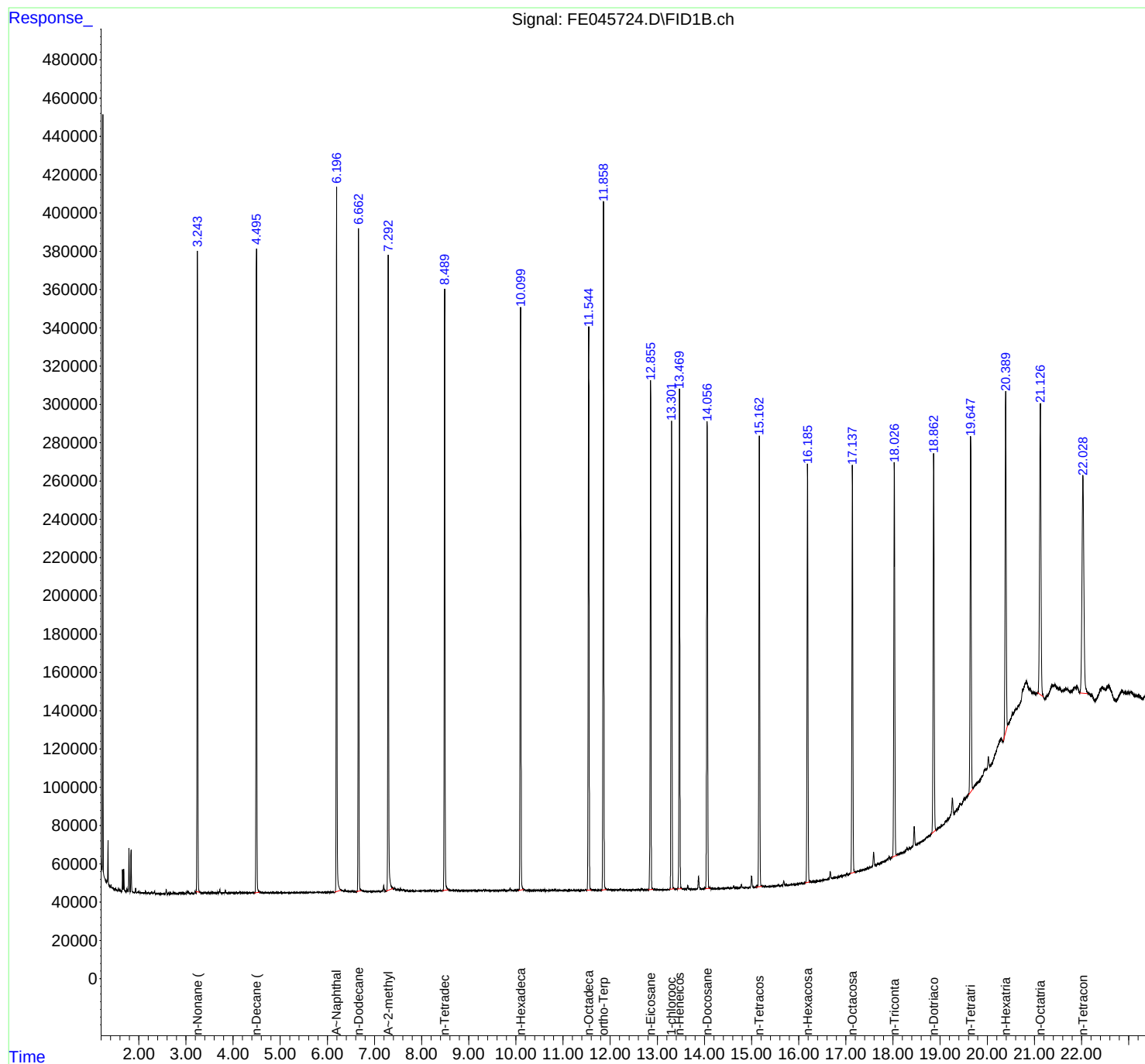
(m)=manual int.

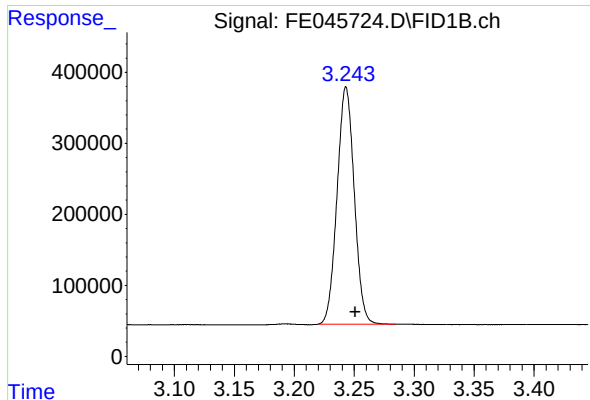
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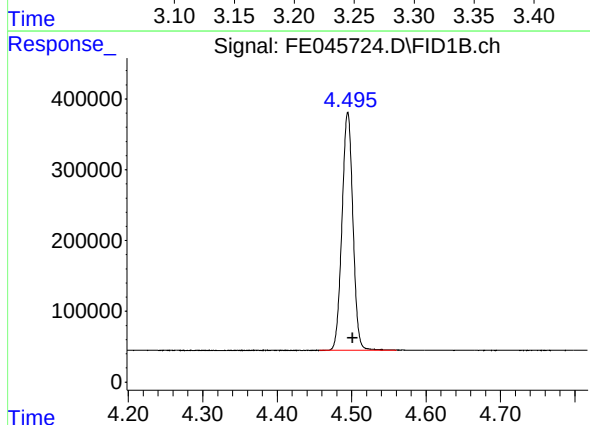




#1 n-Nonane (C9)

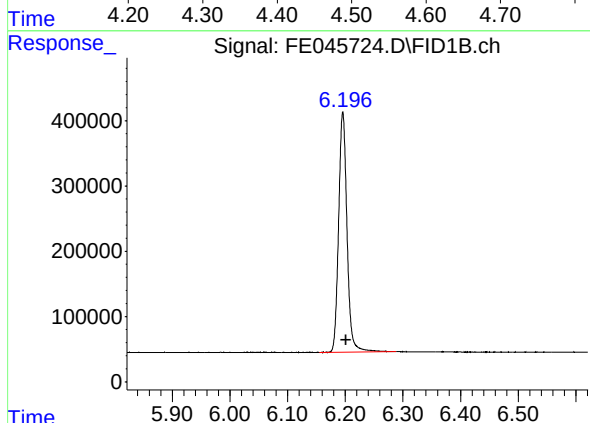
R.T.: 3.243 min
Delta R.T.: -0.008 min
Response: 3329123
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



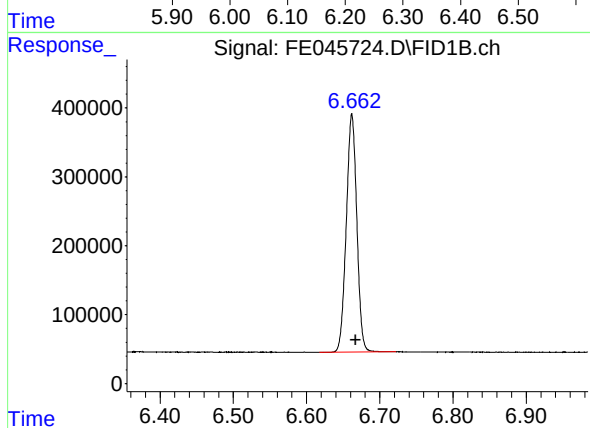
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.006 min
Response: 3426693
Conc: 21.40 ug/ml



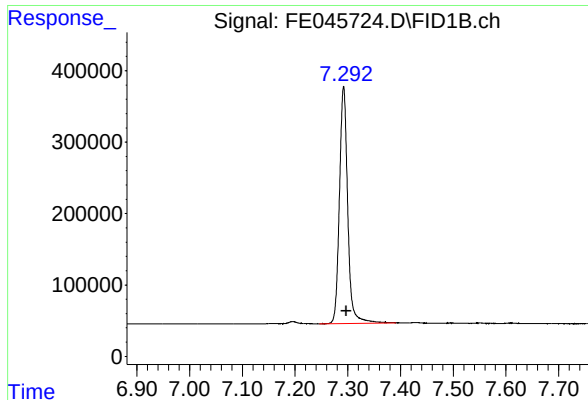
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.006 min
Response: 3718070
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

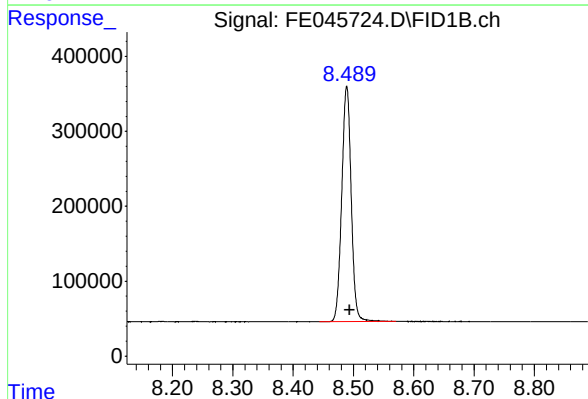
R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 3454622
Conc: 21.39 ug/ml



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

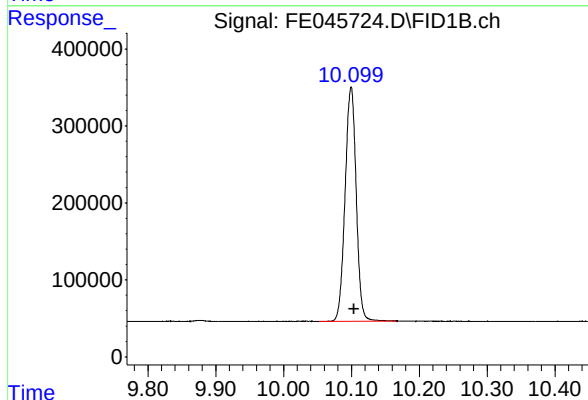
R.T.: 7.292 min
Delta R.T.: -0.005 min
Response: 3606956
Conc: 21.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



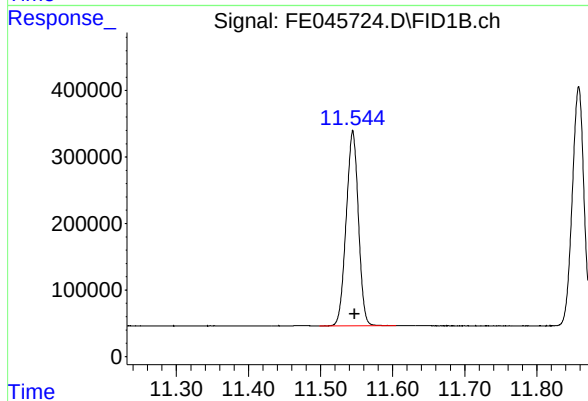
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 3418526
Conc: 21.31 ug/ml



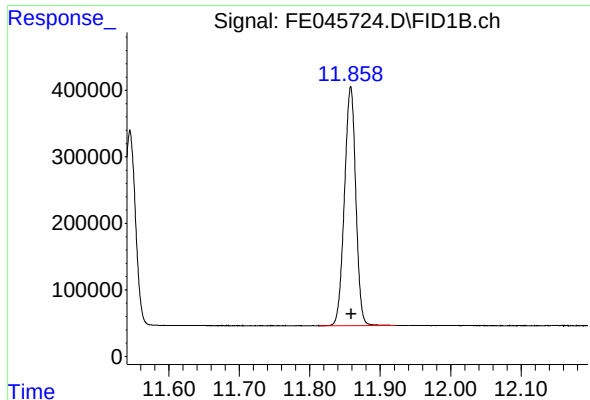
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.004 min
Response: 3455844
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

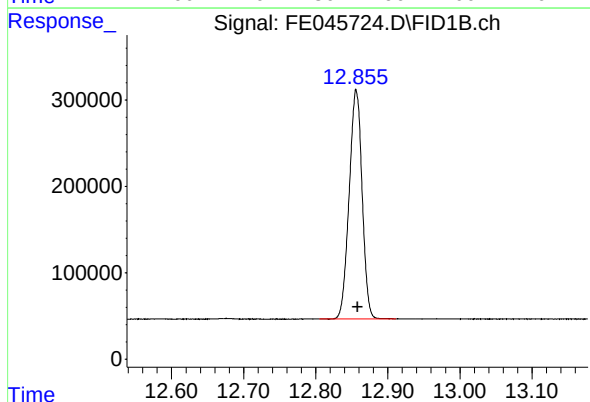
R.T.: 11.545 min
Delta R.T.: -0.003 min
Response: 3450723
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

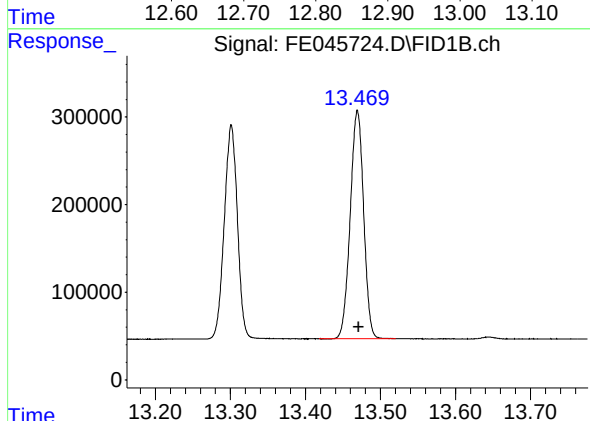
R.T.: 11.858 min
Delta R.T.: 0.000 min
Response: 4023339
Conc: 19.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



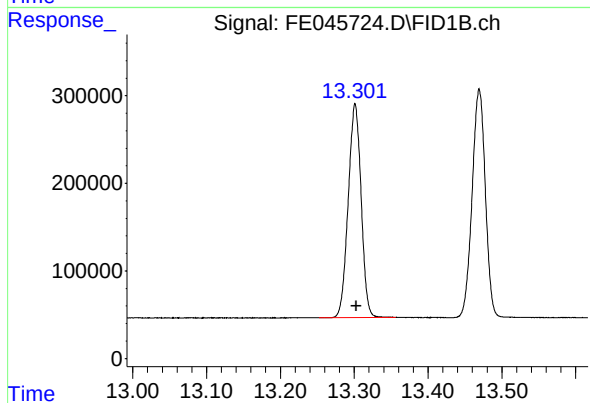
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.002 min
Response: 3313464
Conc: 19.15 ug/ml



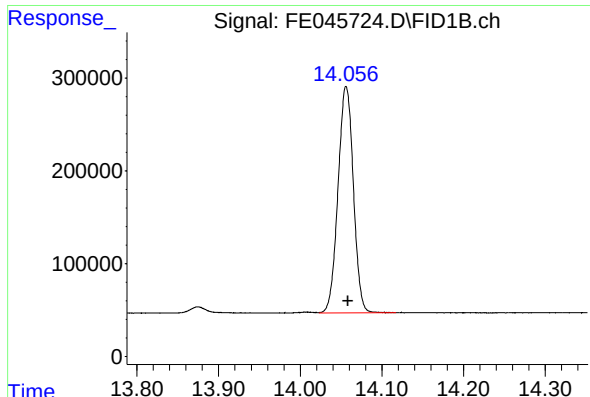
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.002 min
Response: 3236118
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

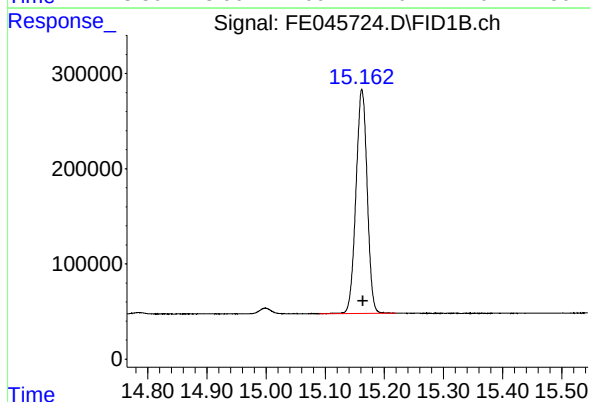
R.T.: 13.301 min
Delta R.T.: -0.002 min
Response: 2965704
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

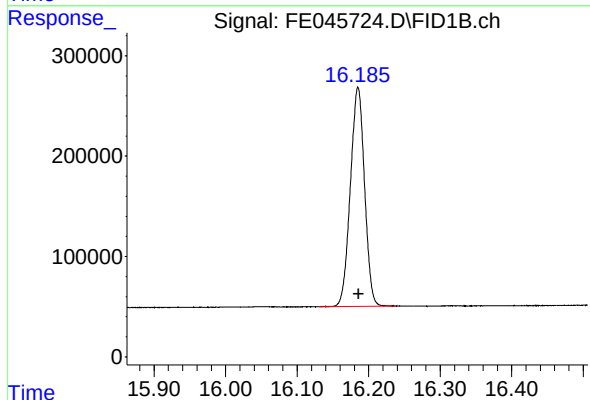
R.T.: 14.056 min
Delta R.T.: -0.002 min
Response: 3183289
Conc: 18.46 ug/ml

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20 PPM ALIPHATIC HC STD



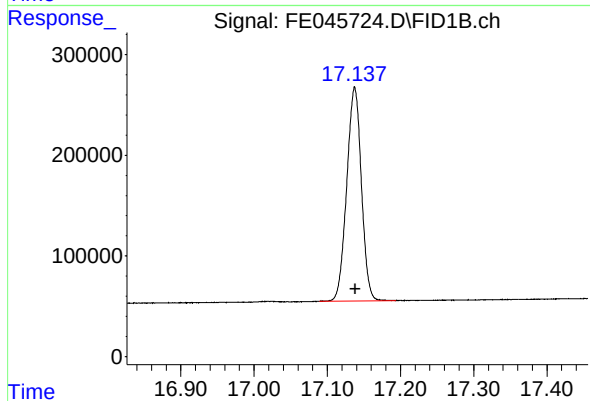
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 3099581
Conc: 17.75 ug/ml



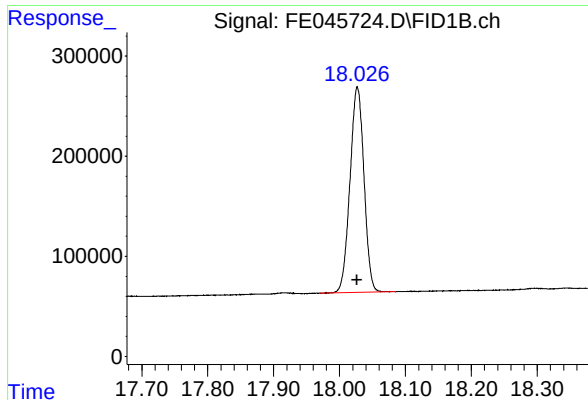
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.000 min
Response: 3002578
Conc: 17.24 ug/ml



#16 n-Octacosane (C28)

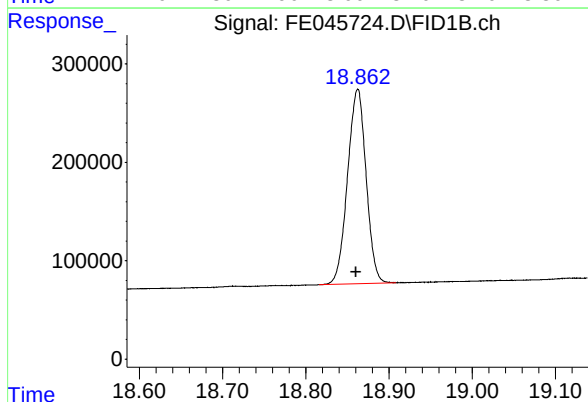
R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 2955674
Conc: 17.10 ug/ml



#17 n-Tricontane (C30)

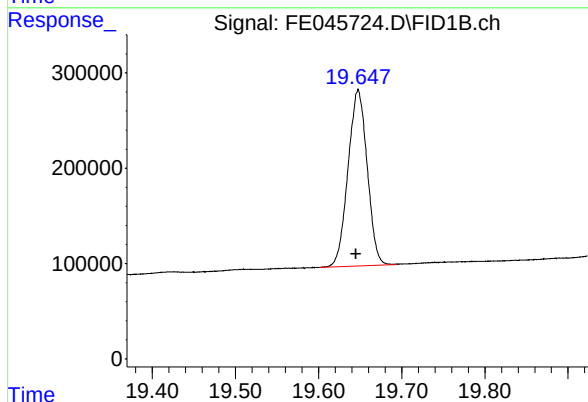
R.T.: 18.027 min
Delta R.T.: 0.001 min
Response: 3031108
Conc: 17.33 ug/ml

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20 PPM ALIPHATIC HC STD



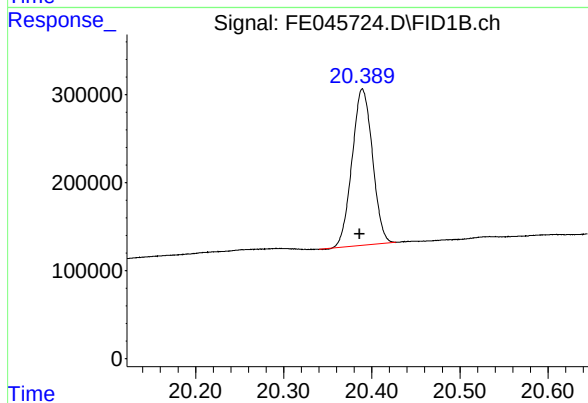
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.002 min
Response: 3063856
Conc: 16.79 ug/ml m



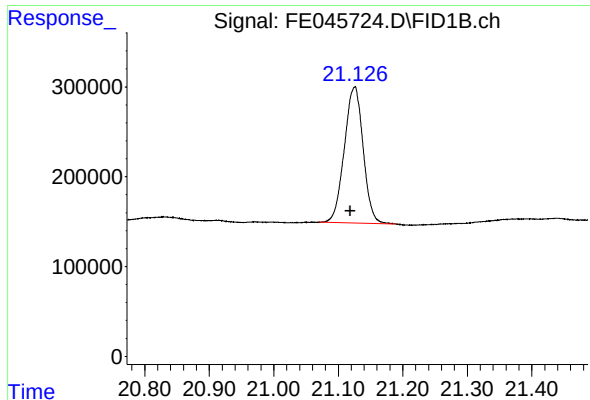
#19 n-Tetatriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.003 min
Response: 2956473
Conc: 17.82 ug/ml



#20 n-Hexatriacontane (C36)

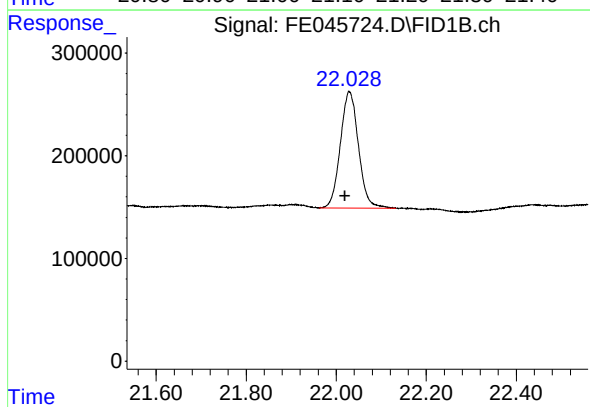
R.T.: 20.389 min
Delta R.T.: 0.003 min
Response: 2857914
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.007 min
Response: 3083541
Conc: 19.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.009 min
Response: 3163987
Conc: 22.26 ug/ml m