

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046116.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 13:10
 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: Jan 10 02:36:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.834	3681796	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	13.278	2718992	20.350 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.219	2910980	19.020 ug/ml
2) T n-Decane (C10)	4.470	2992338	19.281 ug/ml
3) T A~Naphthalene (C11.7)	6.174	3216254	19.339 ug/ml
4) T n-Dodecane (C12)	6.638	3047906	19.521 ug/ml
5) T A~2-methylnaphthalene...	7.270	3116869	19.577 ug/ml
6) T n-Tetradecane (C14)	8.464	3057306	19.627 ug/ml
7) T n-Hexadecane (C16)	10.074	3141015	19.835 ug/ml
8) T n-Octadecane (C18)	11.520	3169537	20.138 ug/ml
10) T n-Eicosane (C20)	12.832	3085710	20.398 ug/ml
11) T n-Heneicosane (C21)	13.444	2997905	20.387 ug/ml
13) T n-Docosane (C22)	14.033	3044749	20.830 ug/ml
14) T n-Tetracosane (C24)	15.139	3189732	21.993 ug/ml
15) T n-Hexacosane (C26)	16.163	3164655	22.074 ug/ml
16) T n-Octacosane (C28)	17.116	3262952	22.751 ug/ml
17) T n-Tricontane (C30)	18.006	3355845	22.577 ug/ml
18) T n-Dotriacontane (C32)	18.842	3265263	21.832 ug/ml
19) T n-Tetratriacontane (C34)	19.629	3051292	21.300 ug/ml
20) T n-Hexatriacontane (C36)	20.372	2861260	19.624 ug/ml
21) T n-Octatriacontane (C38)	21.104	3092376	20.971 ug/ml
22) T n-Tetracontane (C40)	22.004	3032633	19.375 ug/ml

(f)=RT Delta > 1/2 Window

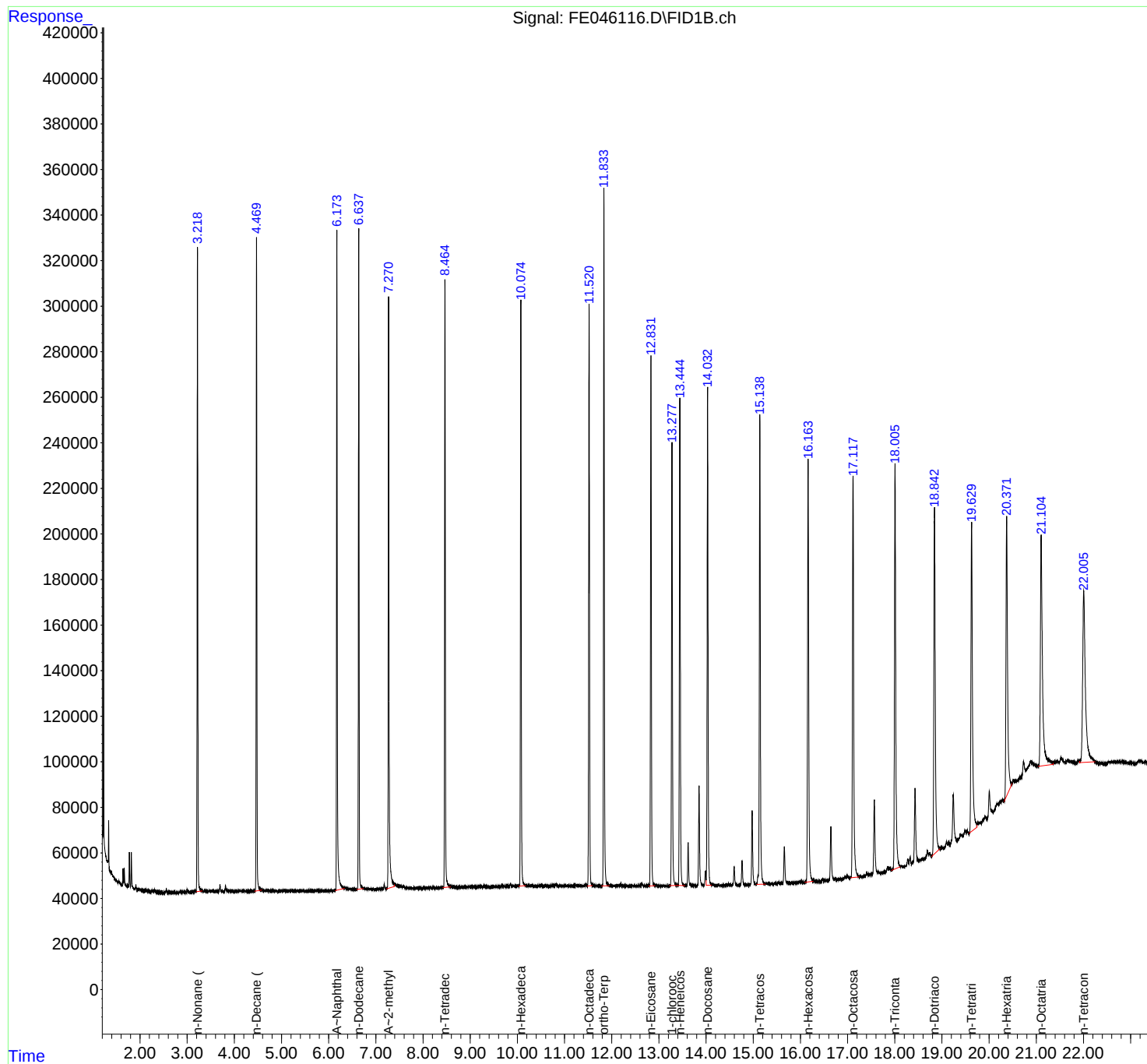
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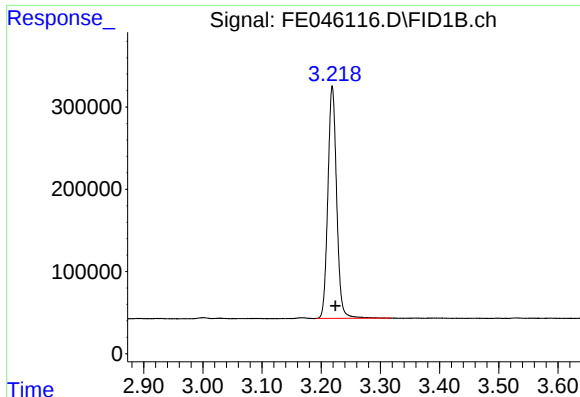
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
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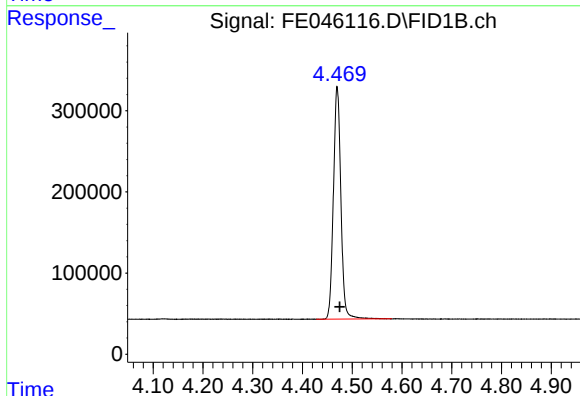




#1 n-Nonane (C9)

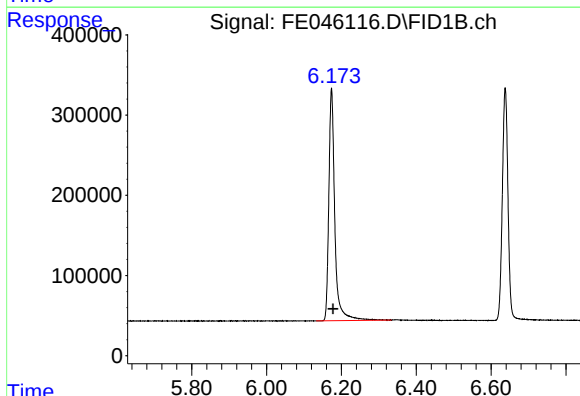
R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 2910980
Conc: 19.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



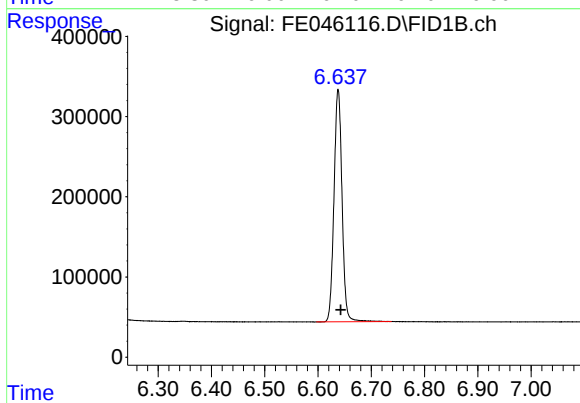
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.005 min
Response: 2992338
Conc: 19.28 ug/ml



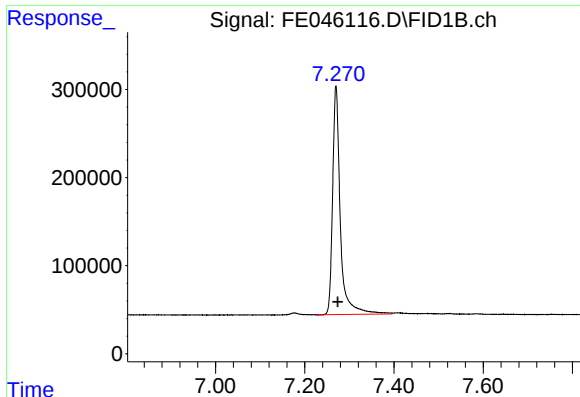
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 3216254
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

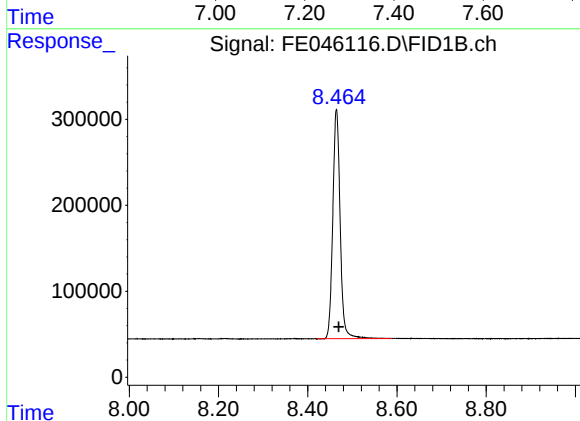
R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 3047906
Conc: 19.52 ug/ml



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

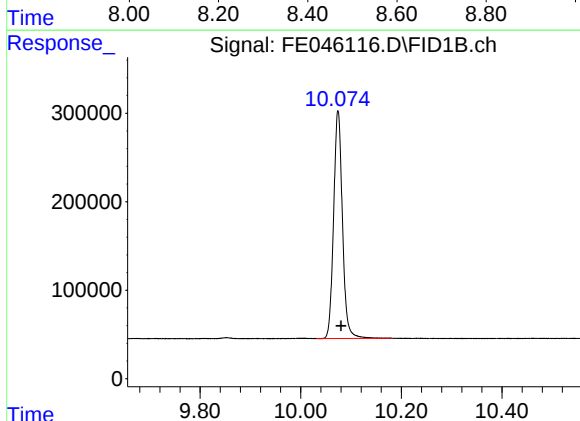
R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 3116869
Conc: 19.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



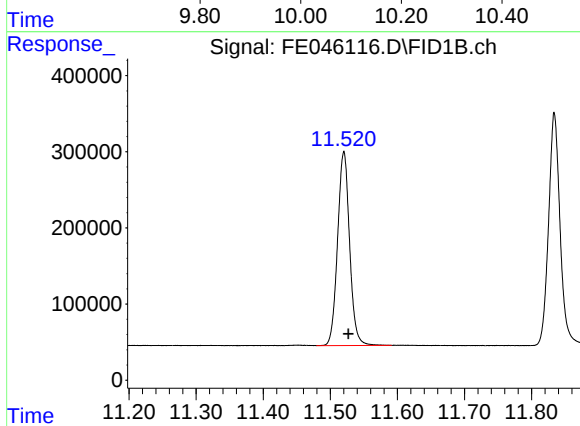
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 3057306
Conc: 19.63 ug/ml



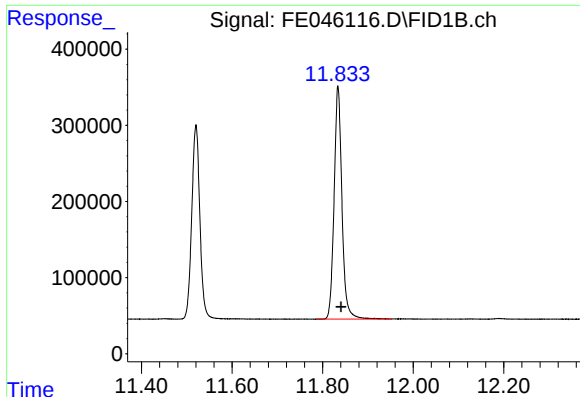
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.006 min
Response: 3141015
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

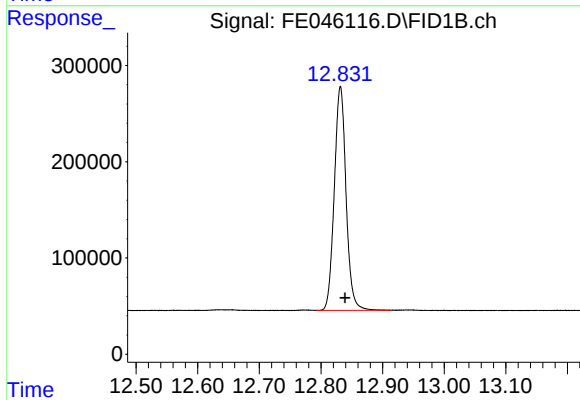
R.T.: 11.520 min
Delta R.T.: -0.006 min
Response: 3169537
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

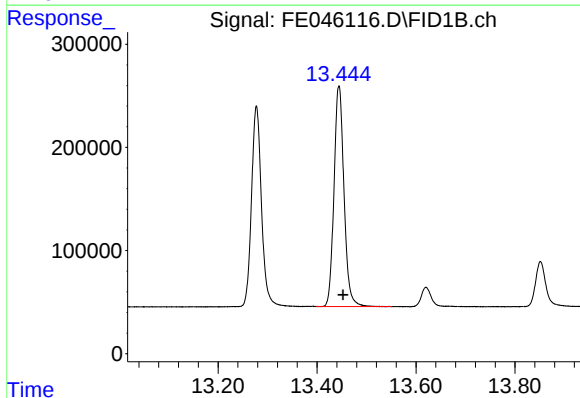
R.T.: 11.834 min
Delta R.T.: -0.006 min
Response: 3681796
Conc: 20.26 ug/ml

Instrument :
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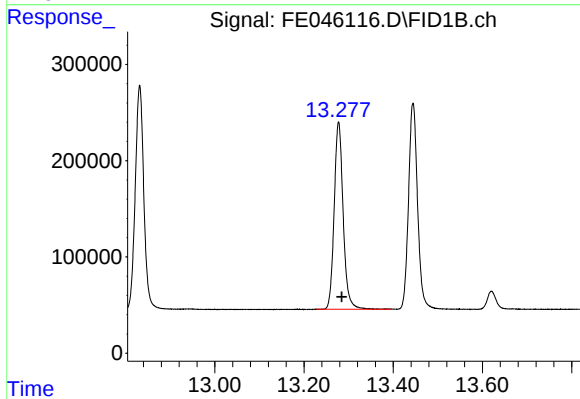
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.007 min
Response: 3085710
Conc: 20.40 ug/ml



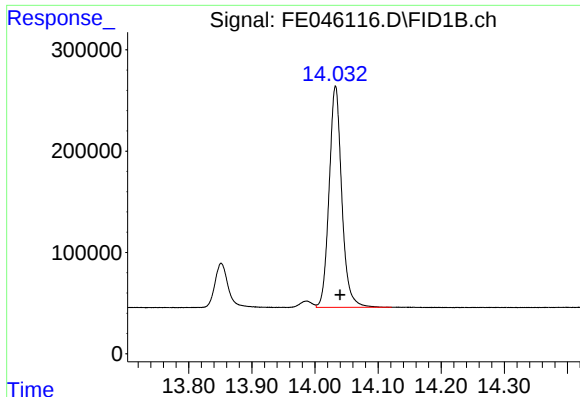
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.008 min
Response: 2997905
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

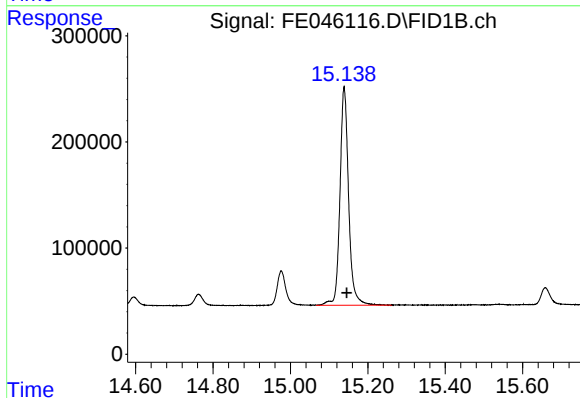
R.T.: 13.278 min
Delta R.T.: -0.007 min
Response: 2718992
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

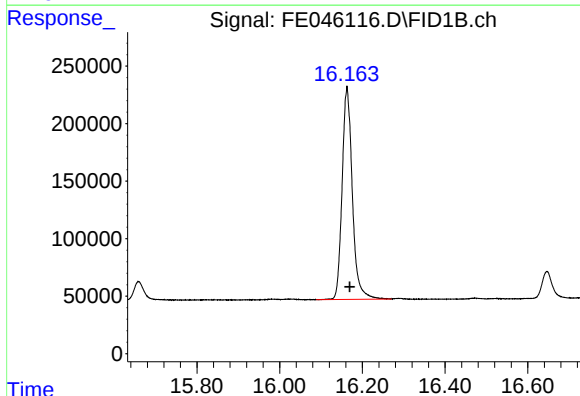
R.T.: 14.033 min
Delta R.T.: -0.007 min
Response: 3044749
Conc: 20.83 ug/ml

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20 PPM ALIPHATIC HC STD



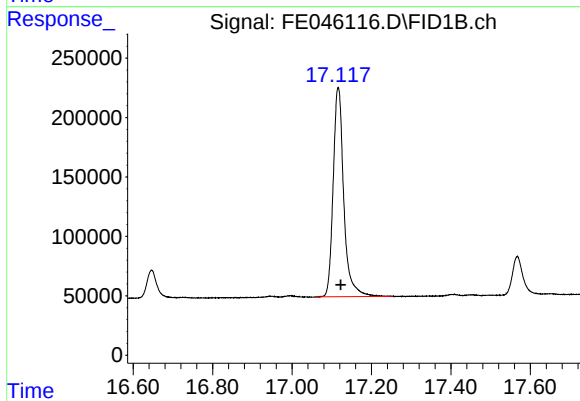
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.007 min
Response: 3189732
Conc: 21.99 ug/ml



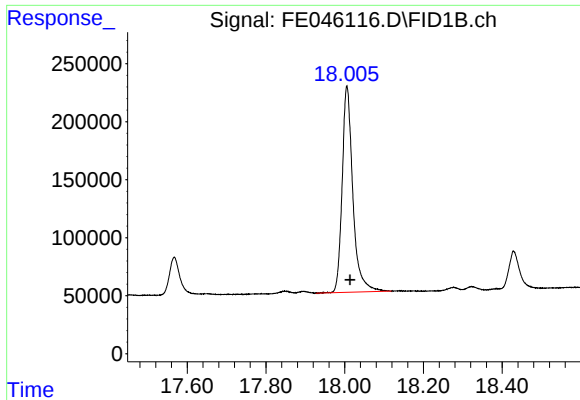
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.007 min
Response: 3164655
Conc: 22.07 ug/ml



#16 n-Octacosane (C28)

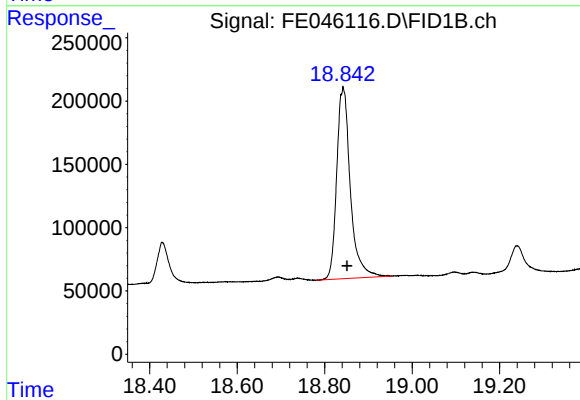
R.T.: 17.116 min
Delta R.T.: -0.006 min
Response: 3262952
Conc: 22.75 ug/ml



#17 n-Tricontane (C30)

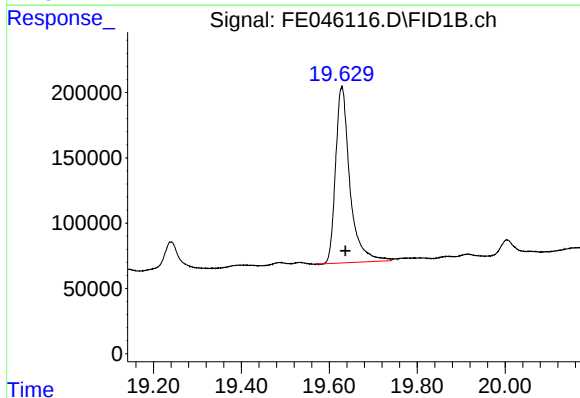
R.T.: 18.006 min
Delta R.T.: -0.008 min
Response: 3355845
Conc: 22.58 ug/ml

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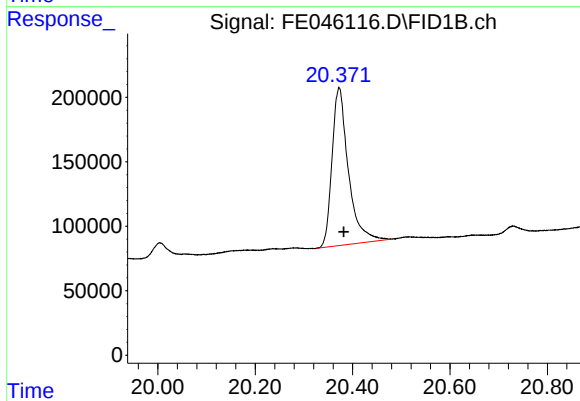
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.009 min
Response: 3265263
Conc: 21.83 ug/ml



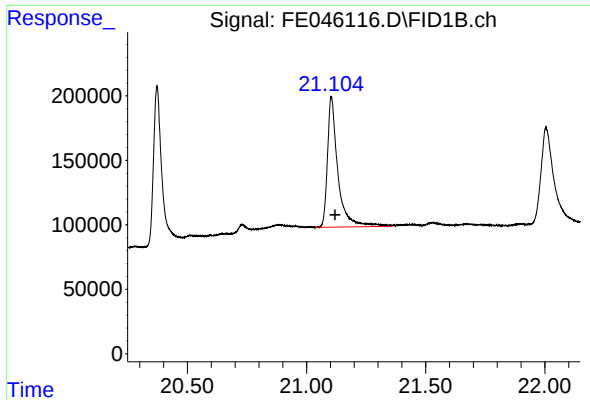
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.008 min
Response: 3051292
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

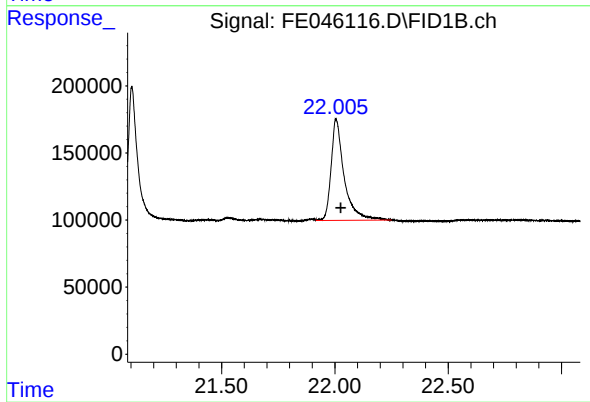
R.T.: 20.372 min
Delta R.T.: -0.010 min
Response: 2861260
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.016 min
Response: 3092376
Conc: 20.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.021 min
Response: 3032633
Conc: 19.37 ug/ml