

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040461.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2023 04:47
 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: Feb 21 05:14:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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

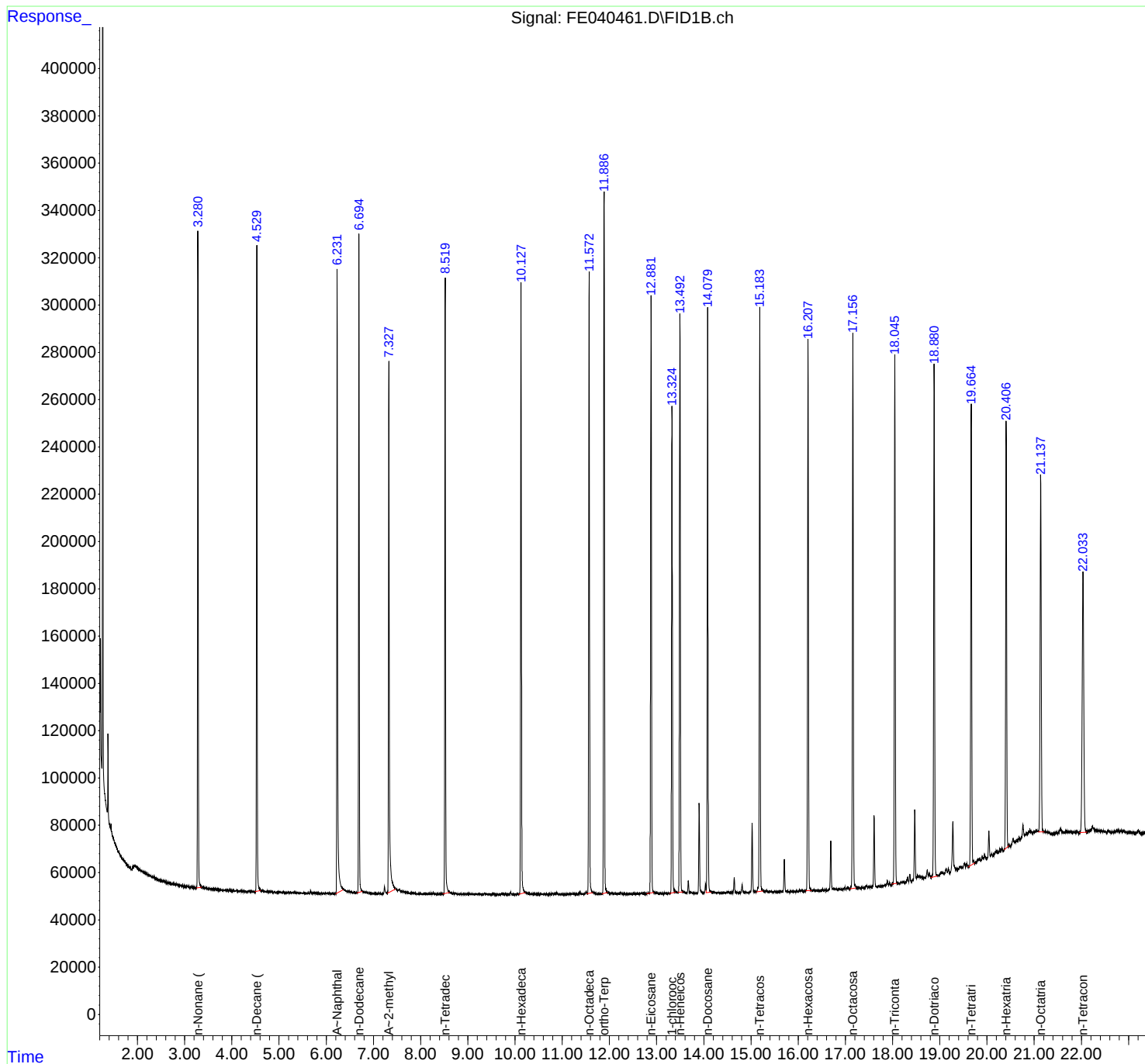
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.887	3292688	20.343 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.325	2499850	20.156 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.281	2791317	20.509 ug/ml
2) T n-Decane (C10)	4.529	2766675	20.823 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2994397	20.460 ug/ml
4) T n-Dodecane (C12)	6.694	2806992	20.848 ug/ml
5) T A~2-methylnaphthalene...	7.327	2775172	20.503 ug/ml
6) T n-Tetradecane (C14)	8.520	2838348	20.595 ug/ml
7) T n-Hexadecane (C16)	10.128	2934428	20.446 ug/ml
8) T n-Octadecane (C18)	11.571	3019079	20.296 ug/ml
10) T n-Eicosane (C20)	12.881	2979126	20.264 ug/ml
11) T n-Heneicosane (C21)	13.493	2980005	20.204 ug/ml
13) T n-Docosane (C22)	14.080	3017410	20.365 ug/ml
14) T n-Tetracosane (C24)	15.184	3109540	20.484 ug/ml
15) T n-Hexacosane (C26)	16.207	3073356	20.731 ug/ml
16) T n-Octacosane (C28)	17.156	3123009	20.839 ug/ml
17) T n-Tricontane (C30)	18.045	3070164	20.808 ug/ml
18) T n-Dotriacontane (C32)	18.880	3009729	20.550 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2790884	20.291 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2563992	19.330 ug/ml
21) T n-Octatriacontane (C38)	21.138	2539119	19.572 ug/ml
22) T n-Tetracontane (C40)	22.033	2556636	19.256 ug/ml

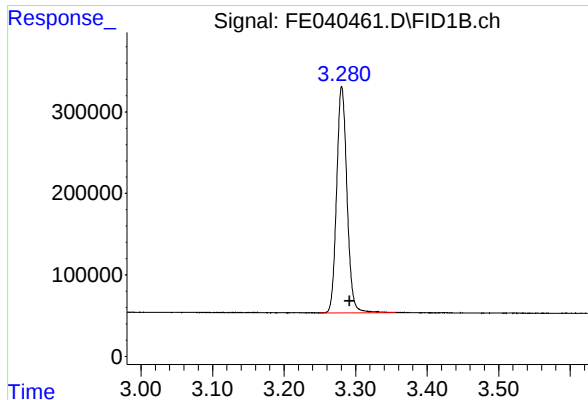
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

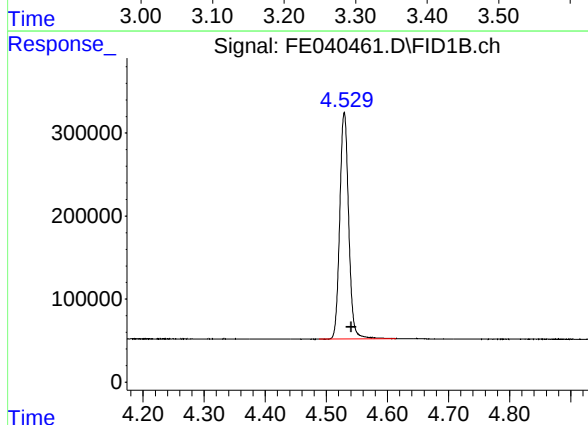




#1 n-Nonane (C9)

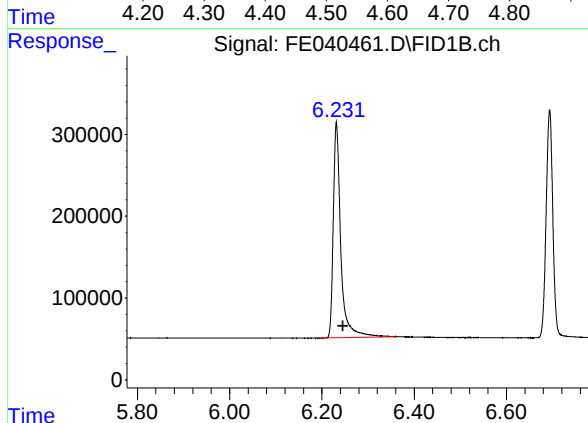
R.T.: 3.281 min
Delta R.T.: -0.011 min
Response: 2791317
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



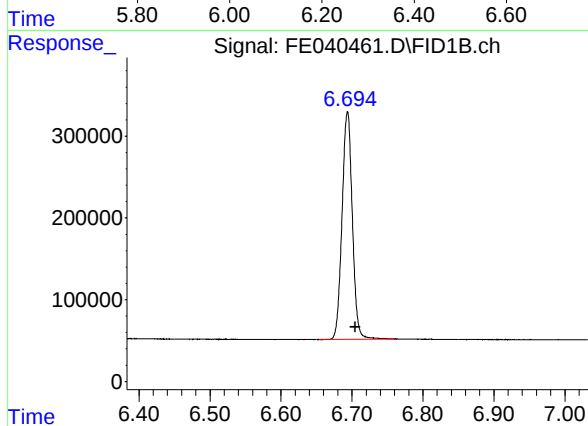
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.012 min
Response: 2766675
Conc: 20.82 ug/ml



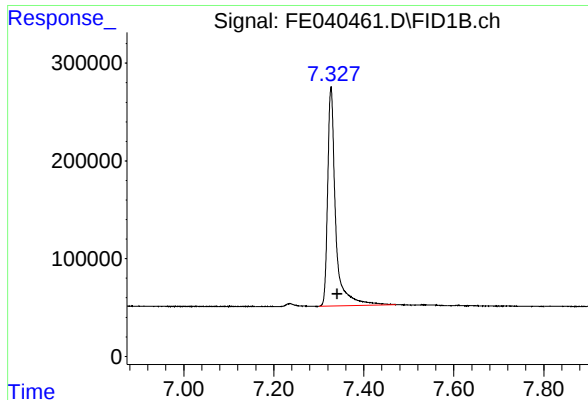
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.014 min
Response: 2994397
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

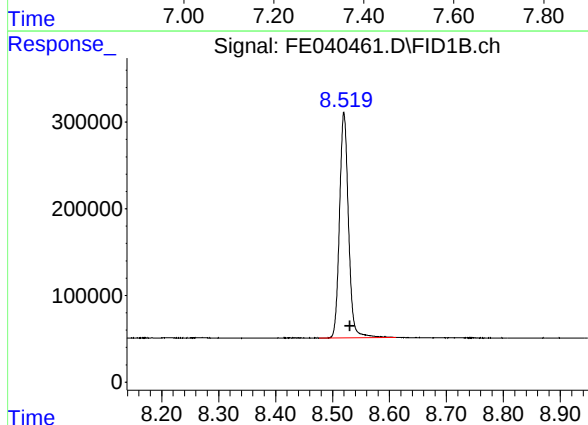
R.T.: 6.694 min
Delta R.T.: -0.011 min
Response: 2806992
Conc: 20.85 ug/ml



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

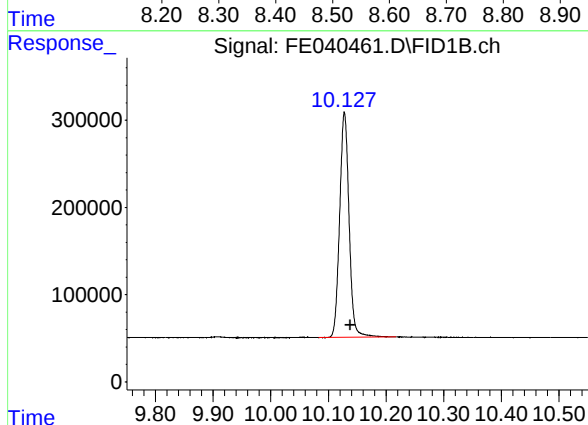
R.T.: 7.327 min
Delta R.T.: -0.014 min
Response: 2775172
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



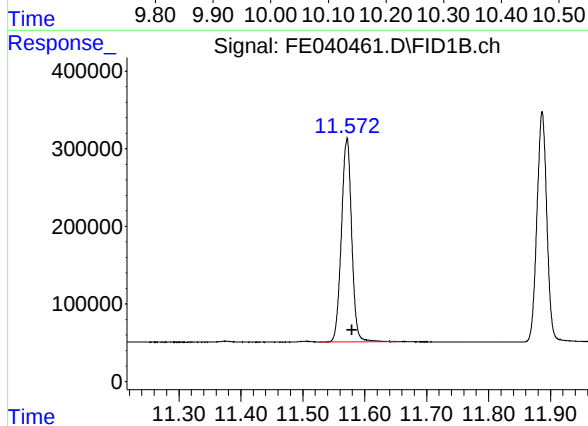
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.011 min
Response: 2838348
Conc: 20.60 ug/ml



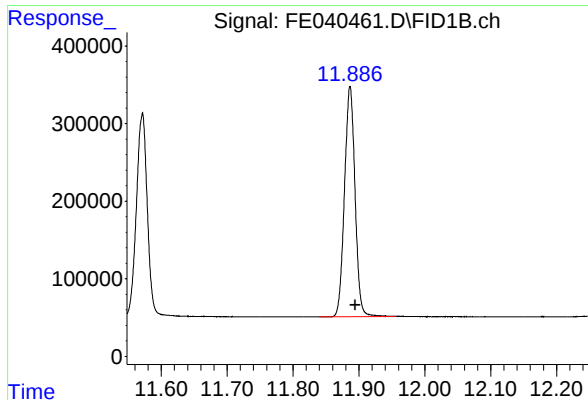
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.010 min
Response: 2934428
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

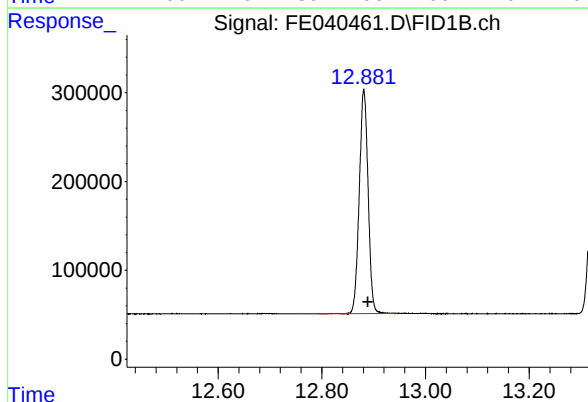
R.T.: 11.571 min
Delta R.T.: -0.008 min
Response: 3019079
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

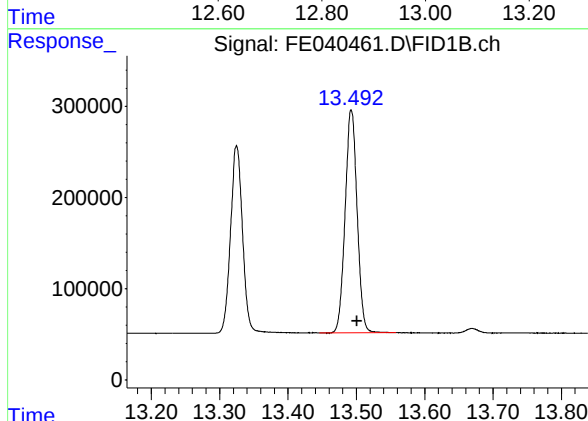
R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 3292688
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



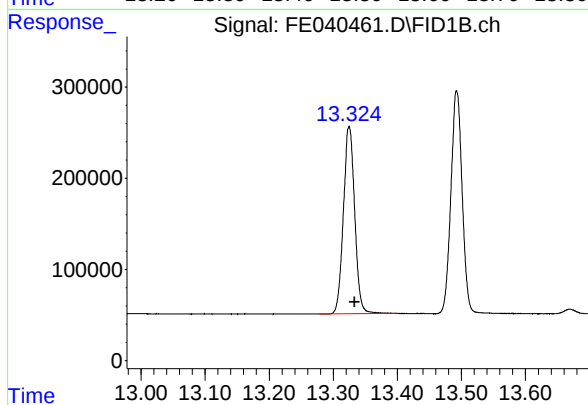
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.008 min
Response: 2979126
Conc: 20.26 ug/ml



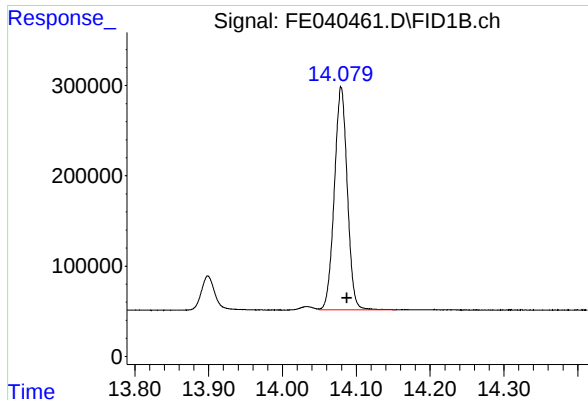
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.008 min
Response: 2980005
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

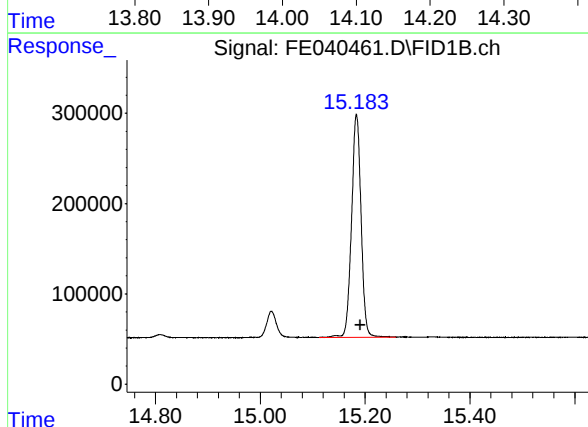
R.T.: 13.325 min
Delta R.T.: -0.009 min
Response: 2499850
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

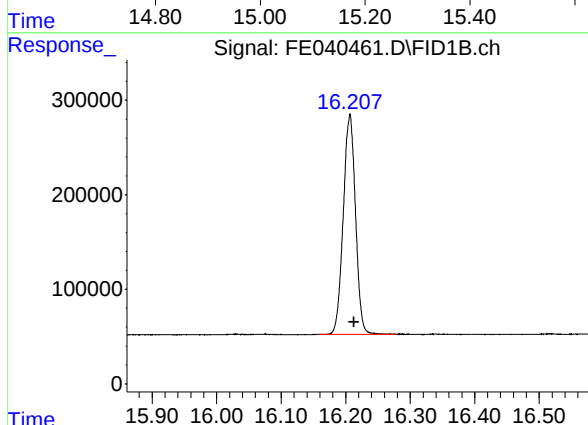
R.T.: 14.080 min
Delta R.T.: -0.008 min
Response: 3017410
Conc: 20.36 ug/ml

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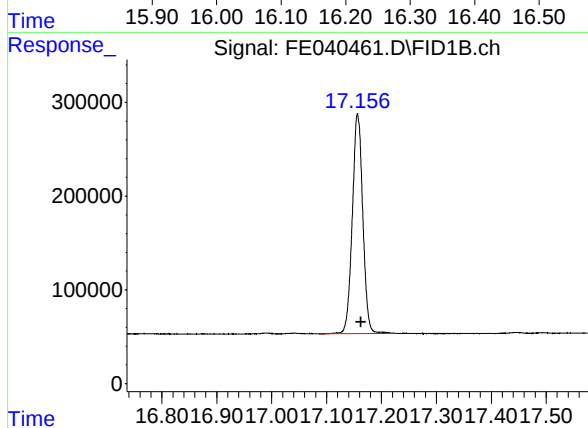
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.007 min
Response: 3109540
Conc: 20.48 ug/ml



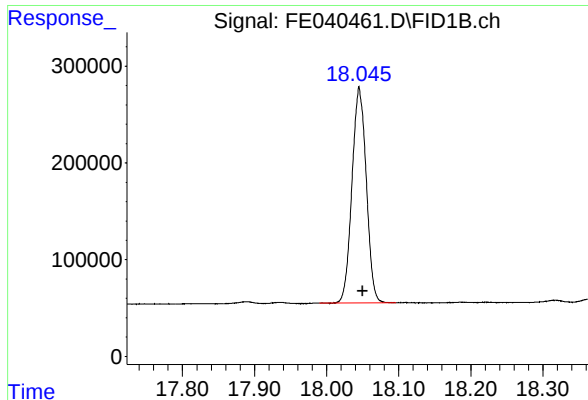
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.006 min
Response: 3073356
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

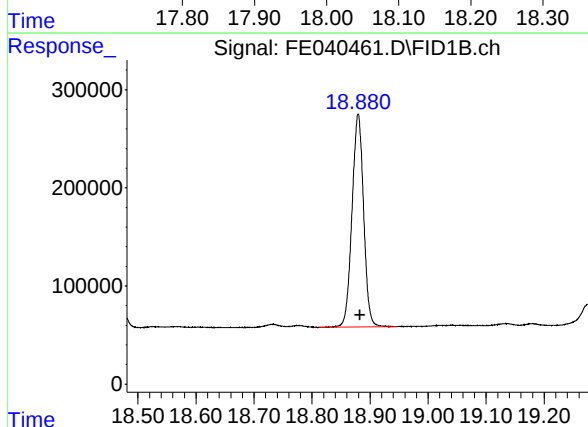
R.T.: 17.156 min
Delta R.T.: -0.006 min
Response: 3123009
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

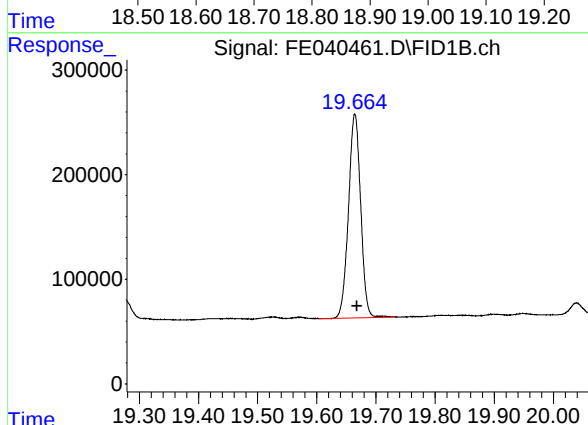
R.T.: 18.045 min
Delta R.T.: -0.005 min
Response: 3070164
Conc: 20.81 ug/ml

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20 PPM ALIPHATIC HC STD



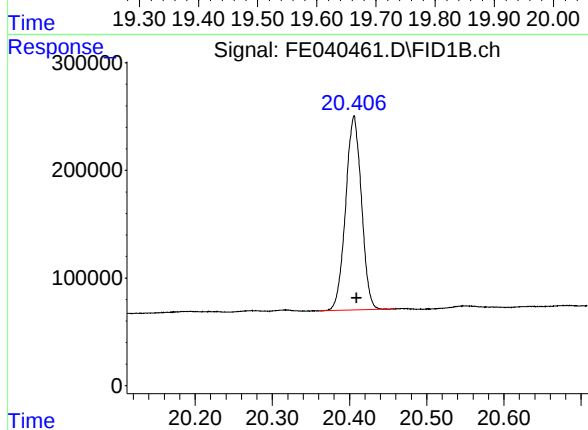
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.003 min
Response: 3009729
Conc: 20.55 ug/ml



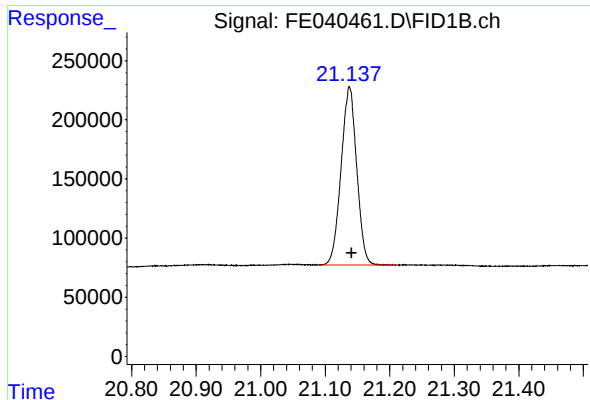
#19 n-Tetatriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.003 min
Response: 2790884
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

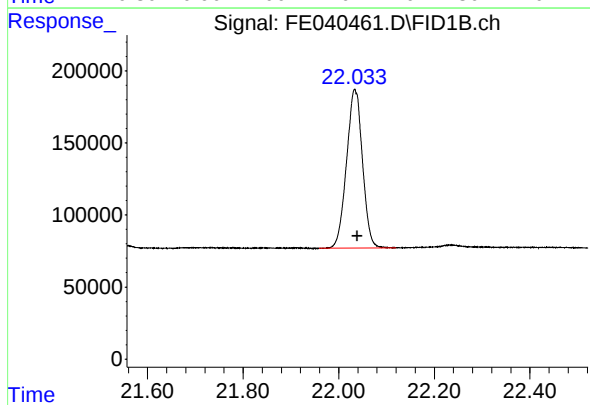
R.T.: 20.406 min
Delta R.T.: -0.003 min
Response: 2563992
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.003 min
Response: 2539119
Conc: 19.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.006 min
Response: 2556636
Conc: 19.26 ug/ml