

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053128.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 12:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 01:14:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.892	3389735	20.811 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	13.336	2479730	20.657 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.237	3146749	20.323 ug/ml
2) T n-Decane (C10)	4.498	3229008	20.586 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3467409	20.641 ug/ml
4) T n-Dodecane (C12)	6.679	3207931	20.511 ug/ml
5) T A~2-methylnaphthalene...	7.312	3299145	20.677 ug/ml
6) T n-Tetradecane (C14)	8.515	3138779	20.499 ug/ml
7) T n-Hexadecane (C16)	10.129	3290505	21.347 ug/ml
8) T n-Octadecane (C18)	11.577	3206029	21.139 ug/ml
10) T n-Eicosane (C20)	12.890	3035041	21.287 ug/ml
11) T n-Heneicosane (C21)	13.504	2973487	21.427 ug/ml
13) T n-Docosane (C22)	14.092	2925248	21.359 ug/ml
14) T n-Tetracosane (C24)	15.198	2963111	21.939 ug/ml
15) T n-Hexacosane (C26)	16.221	2894066	21.693 ug/ml
16) T n-Octacosane (C28)	17.173	2905092	22.014 ug/ml
17) T n-Tricontane (C30)	18.062	3054101	22.533 ug/ml
18) T n-Dotriacontane (C32)	18.895	3103155	23.061 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2852280	22.043 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2555254	21.511 ug/ml
21) T n-Octatriacontane (C38)	21.161	2455486	21.364 ug/ml
22) T n-Tetracontane (C40)	22.074	2390500	21.284 ug/ml

(f)=RT Delta > 1/2 Window

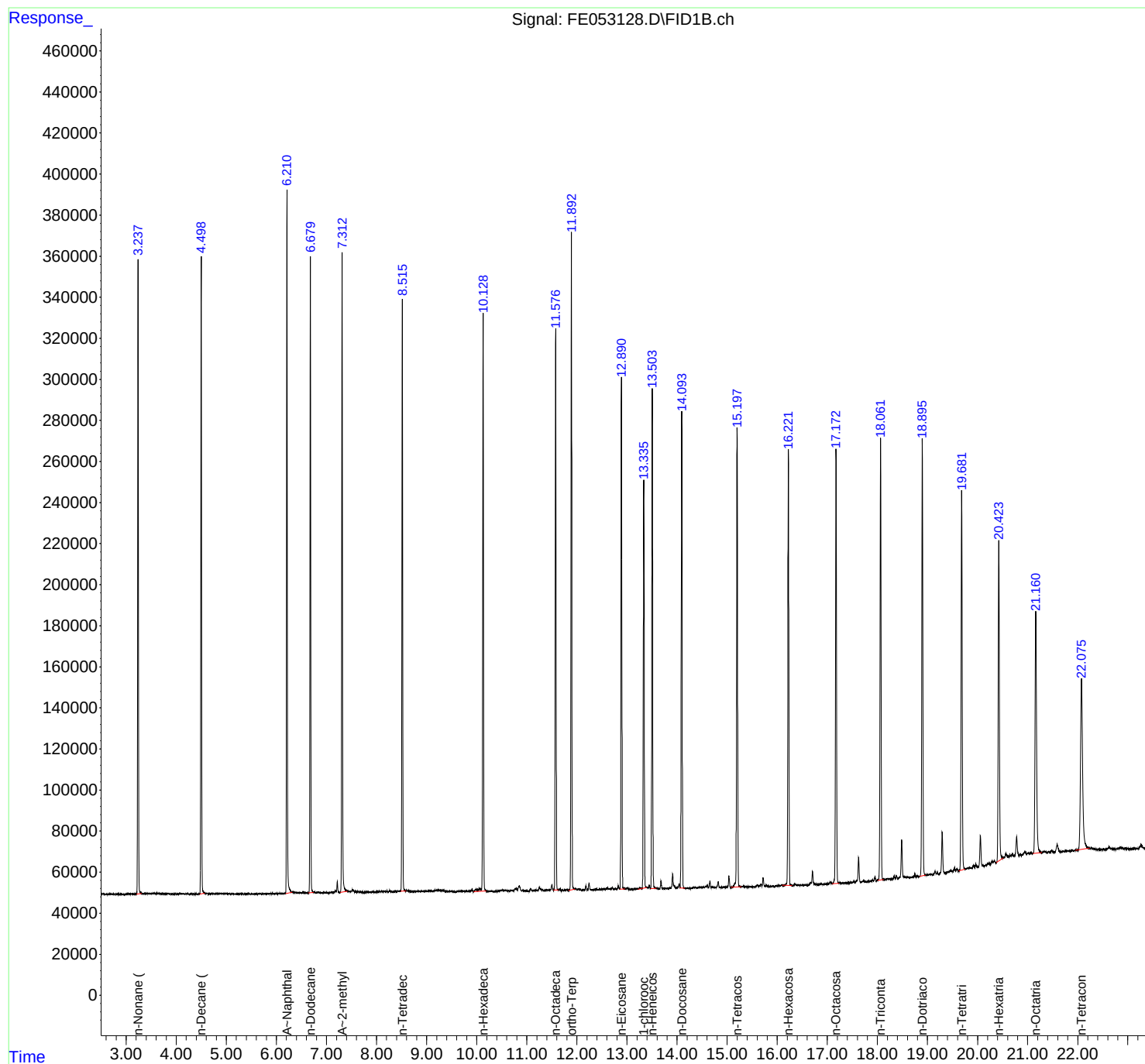
(m)=manual int.

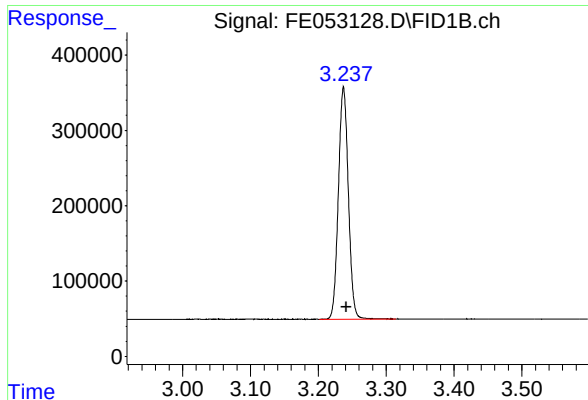
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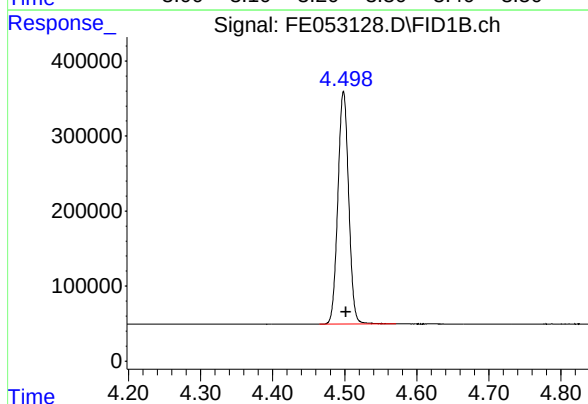




#1 n-Nonane (C9)

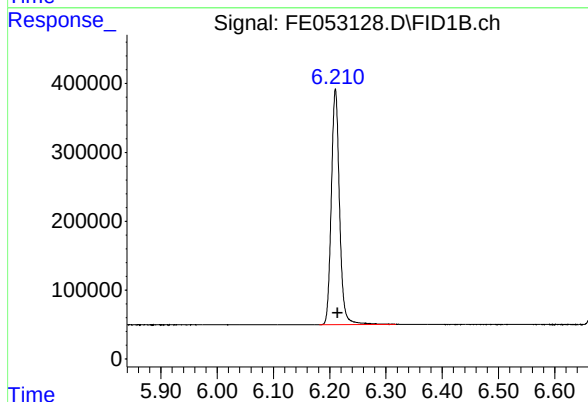
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 3146749
Conc: 20.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



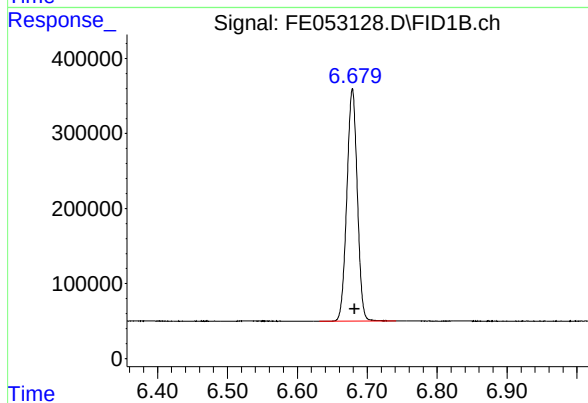
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 3229008
Conc: 20.59 ug/ml



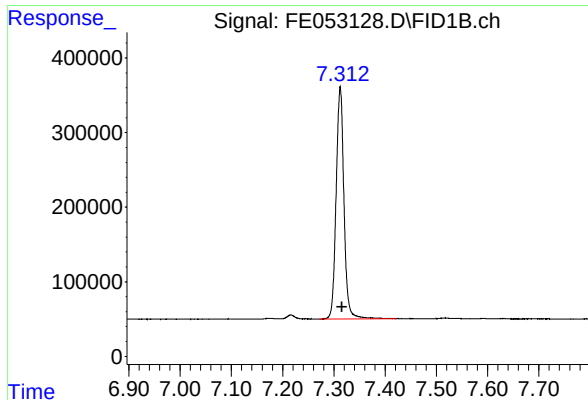
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3467409
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

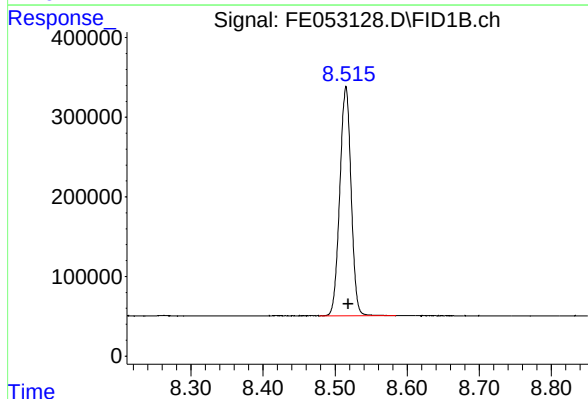
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 3207931
Conc: 20.51 ug/ml



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

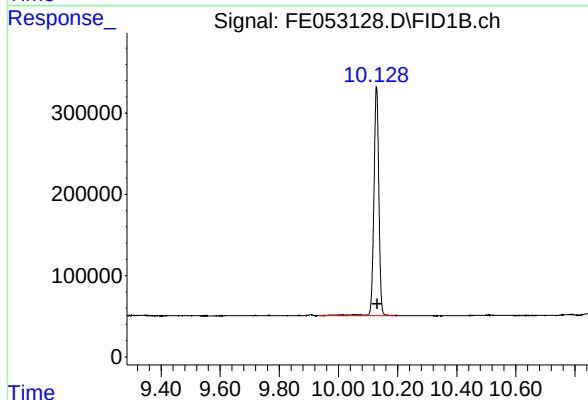
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 3299145
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



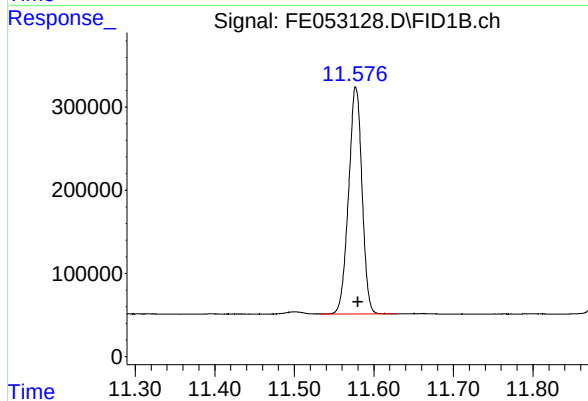
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 3138779
Conc: 20.50 ug/ml



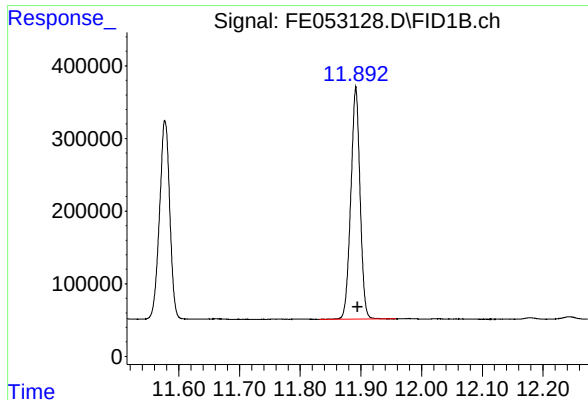
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 3290505
Conc: 21.35 ug/ml



#8 n-Octadecane (C18)

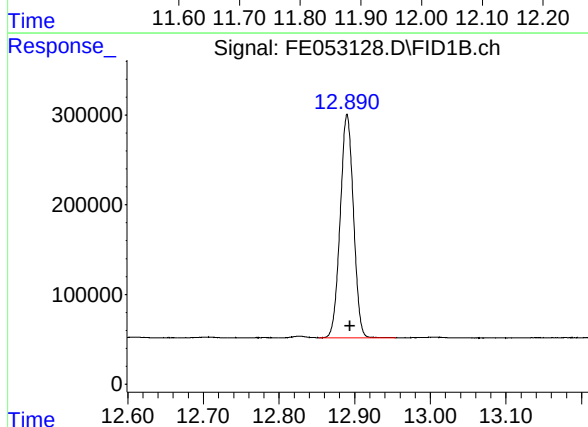
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 3206029
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

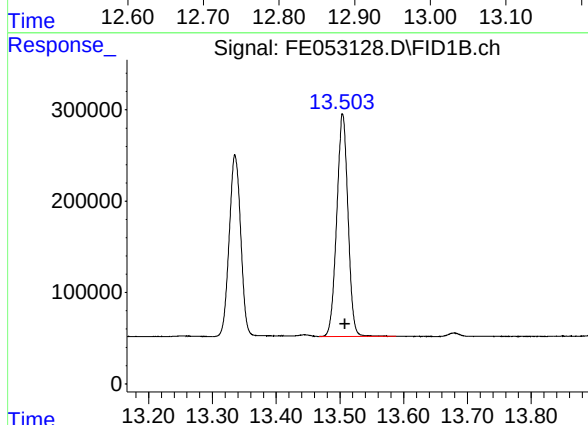
R.T.: 11.892 min
Delta R.T.: -0.004 min
Response: 3389735
Conc: 20.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



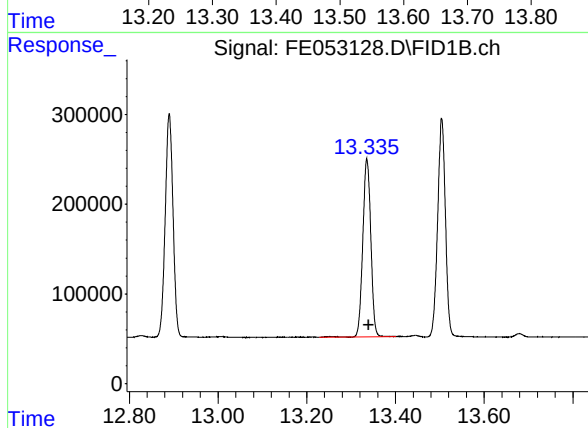
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.004 min
Response: 3035041
Conc: 21.29 ug/ml



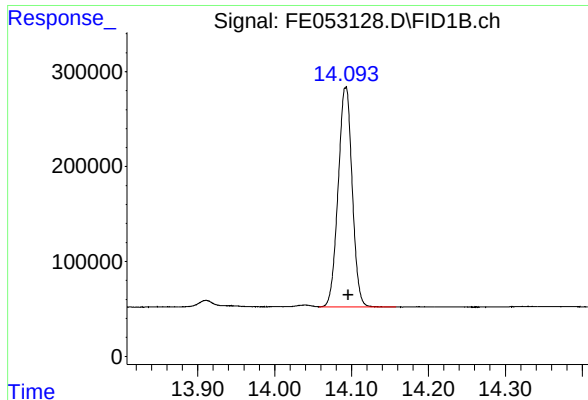
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 2973487
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

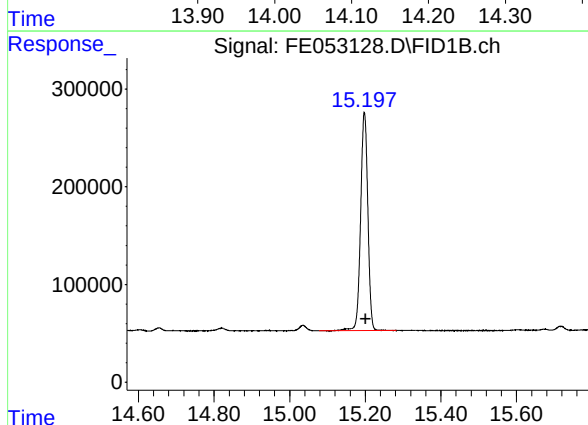
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 2479730
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

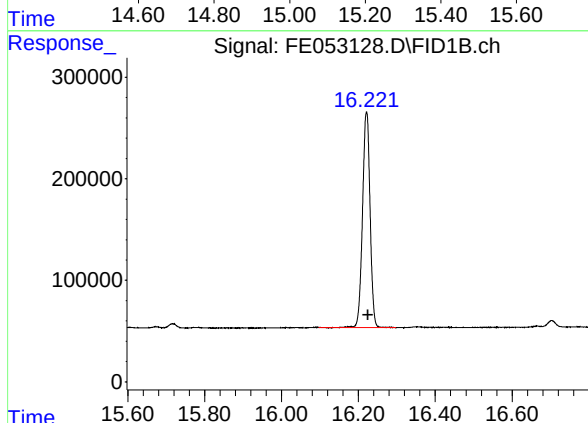
R.T.: 14.092 min
Delta R.T.: -0.003 min
Response: 2925248
Conc: 21.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



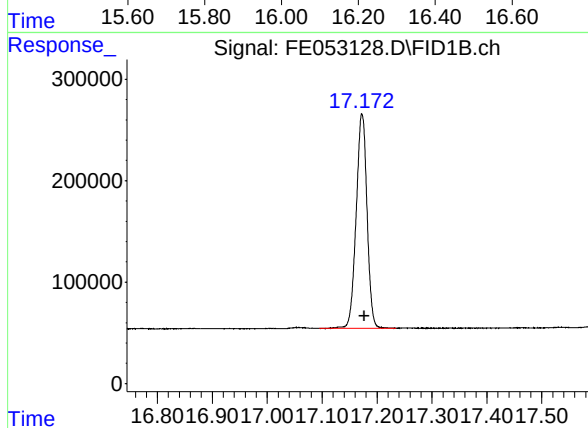
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.004 min
Response: 2963111
Conc: 21.94 ug/ml



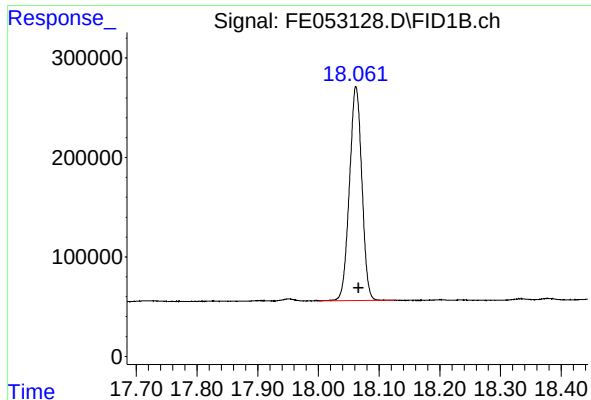
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.004 min
Response: 2894066
Conc: 21.69 ug/ml



#16 n-Octacosane (C28)

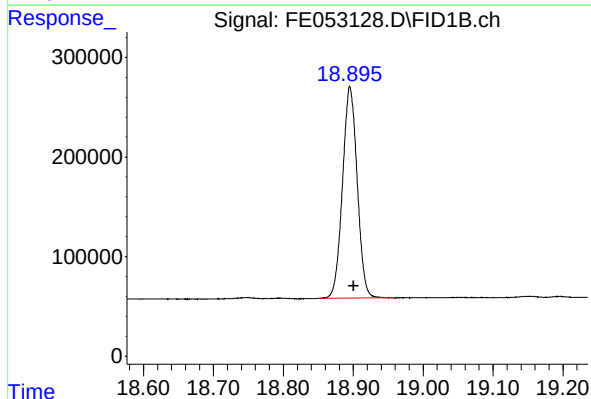
R.T.: 17.173 min
Delta R.T.: -0.004 min
Response: 2905092
Conc: 22.01 ug/ml



#17 n-Tricontane (C30)

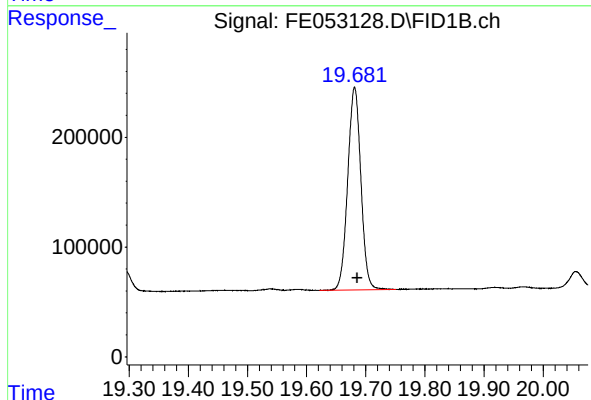
R.T.: 18.062 min
Delta R.T.: -0.004 min
Response: 3054101
Conc: 22.53 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



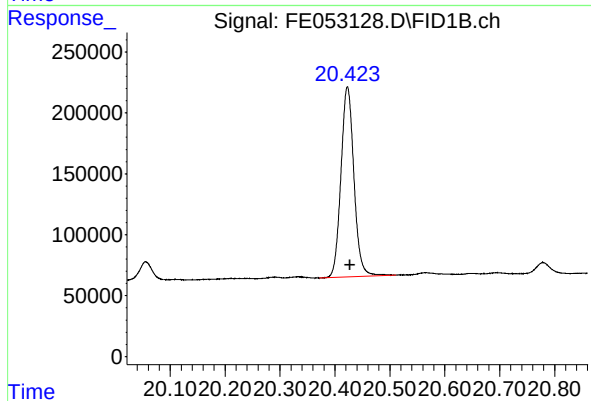
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.005 min
Response: 3103155
Conc: 23.06 ug/ml



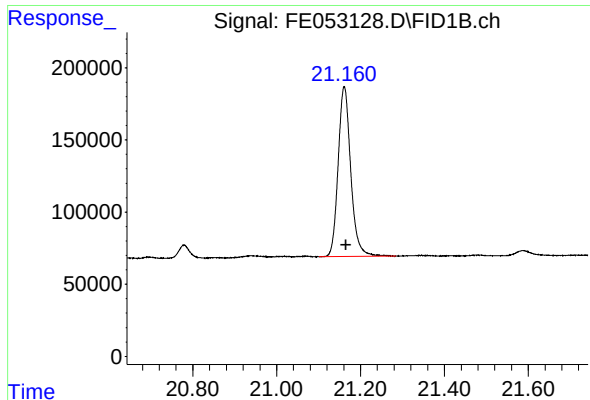
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.005 min
Response: 2852280
Conc: 22.04 ug/ml



#20 n-Hexatriacontane (C36)

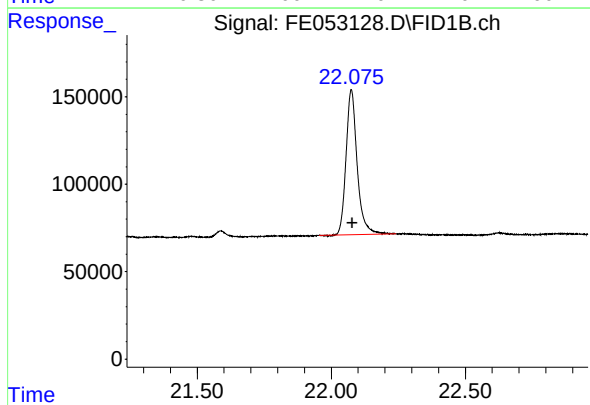
R.T.: 20.423 min
Delta R.T.: -0.005 min
Response: 2555254
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.004 min
Response: 2455486
Conc: 21.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.004 min
Response: 2390500
Conc: 21.28 ug/ml