

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072624AL\
 Data File : FE049269.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2024 13:56
 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: Jul 26 14:20:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.907	2888290	18.622 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
12) S 1-chlorooctadecane (S...	13.343	2219087	18.993 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T n-Nonane (C9)	3.295	2721849	18.099 ug/ml
2) T n-Decane (C10)	4.545	2837690	18.373 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2863896	18.381 ug/ml
4) T n-Dodecane (C12)	6.712	2809926	18.249 ug/ml
5) T A~2-methylnaphthalene...	7.348	2694808	18.517 ug/ml
6) T n-Tetradecane (C14)	8.540	2777986	18.303 ug/ml
7) T n-Hexadecane (C16)	10.146	2818535	18.585 ug/ml
8) T n-Octadecane (C18)	11.589	2827234	18.621 ug/ml
10) T n-Eicosane (C20)	12.898	2696130	18.644 ug/ml
11) T n-Heneicosane (C21)	13.510	2646959	18.666 ug/ml
13) T n-Docosane (C22)	14.095	2647231	18.842 ug/ml
14) T n-Tetracosane (C24)	15.198	2676341	19.096 ug/ml
15) T n-Hexacosane (C26)	16.218	2694182	19.214 ug/ml
16) T n-Octacosane (C28)	17.167	2808856	20.068 ug/ml
17) T n-Tricontane (C30)	18.054	3130077	21.458 ug/ml
18) T n-Dotriacontane (C32)	18.887	3257885	22.157 ug/ml
19) T n-Tetratriacontane (C34)	19.669	3136114	21.470 ug/ml
20) T n-Hexatriacontane (C36)	20.408	3082516	21.383 ug/ml
21) T n-Octatriacontane (C38)	21.140	2996719	20.019 ug/ml
22) T n-Tetracontane (C40)	22.045	3183082	21.093 ug/ml

(f)=RT Delta > 1/2 Window

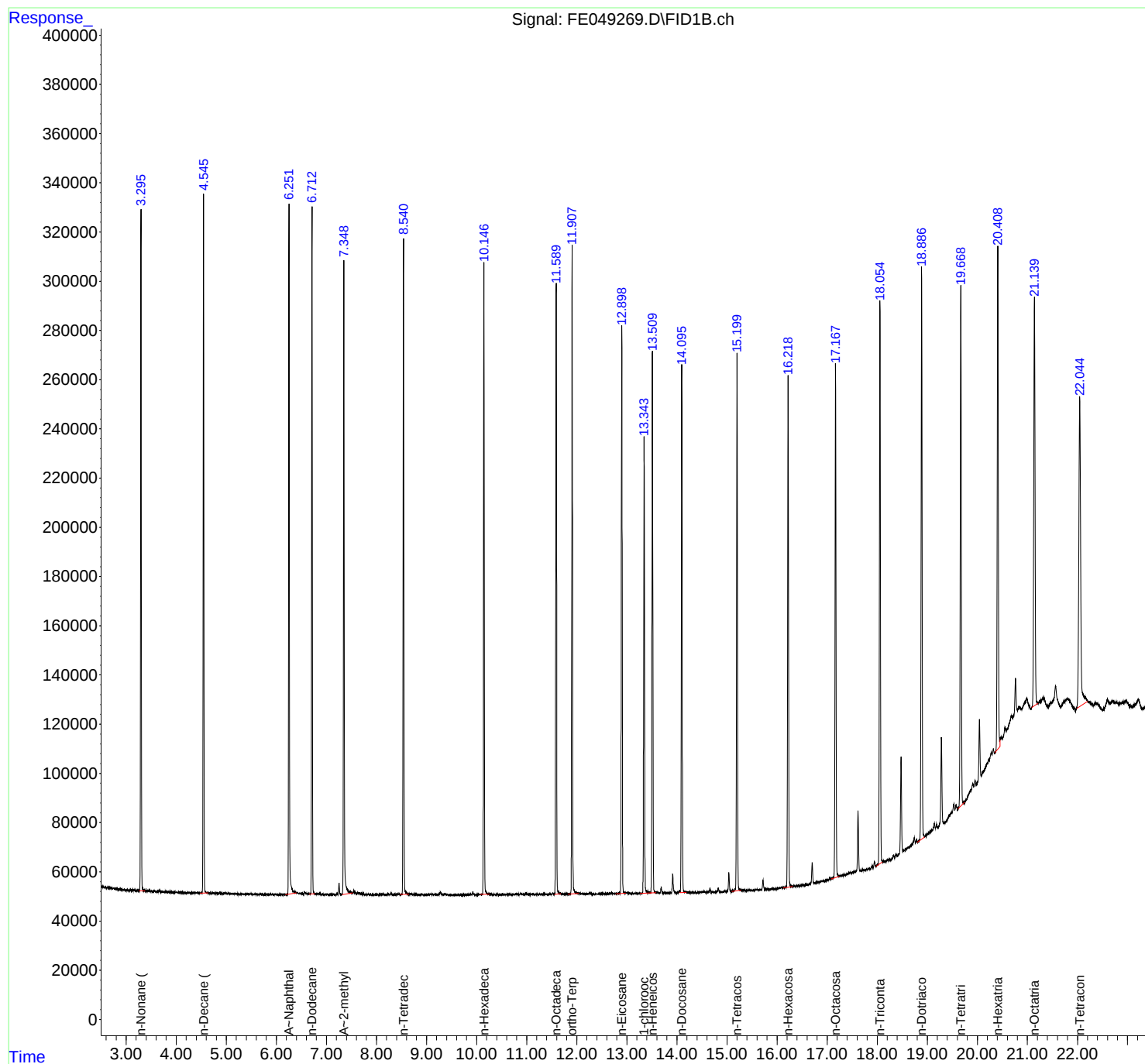
(m)=manual int.

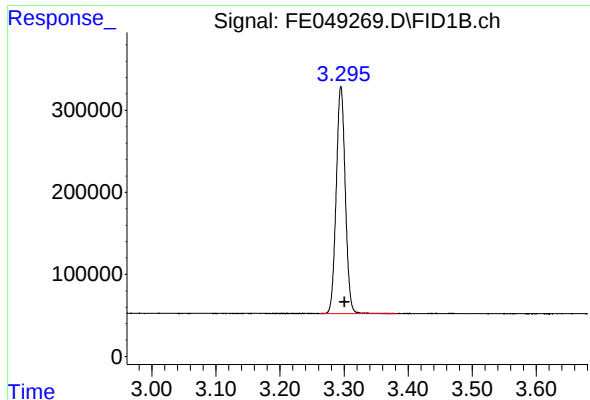
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072624AL\
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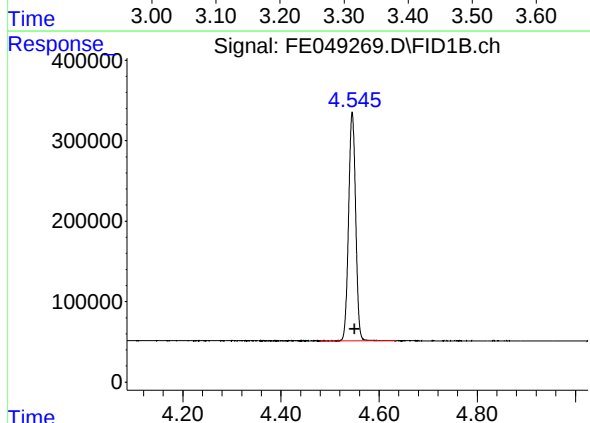




#1 n-Nonane (C9)

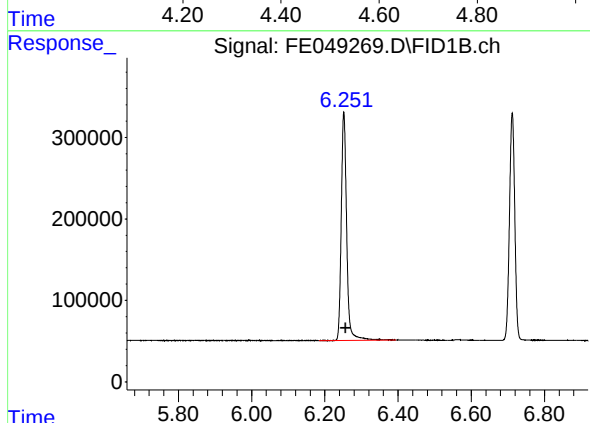
R.T.: 3.295 min
Delta R.T.: -0.006 min
Response: 2721849
Conc: 18.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



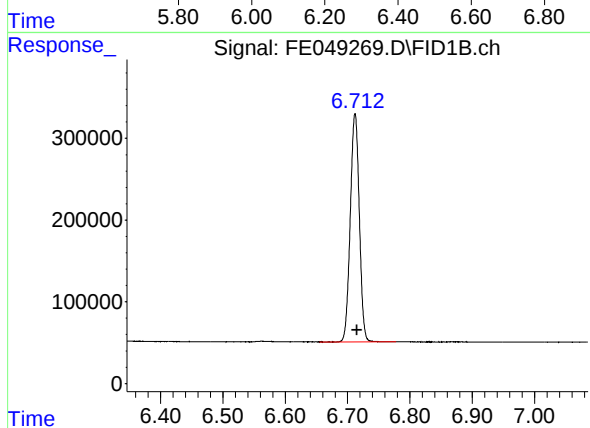
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 2837690
Conc: 18.37 ug/ml



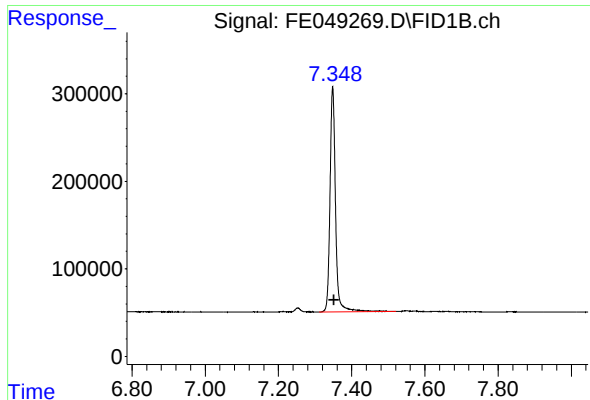
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 2863896
Conc: 18.38 ug/ml



#4 n-Dodecane (C12)

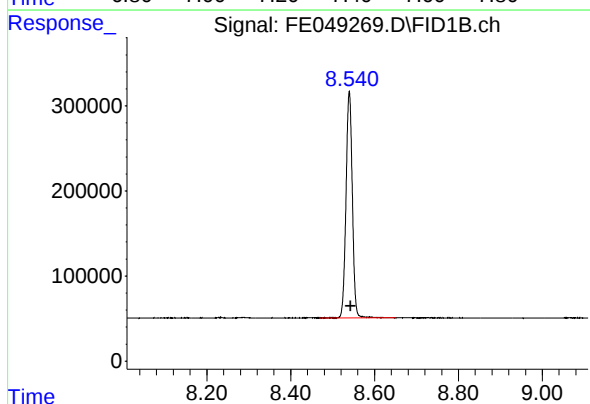
R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 2809926
Conc: 18.25 ug/ml



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

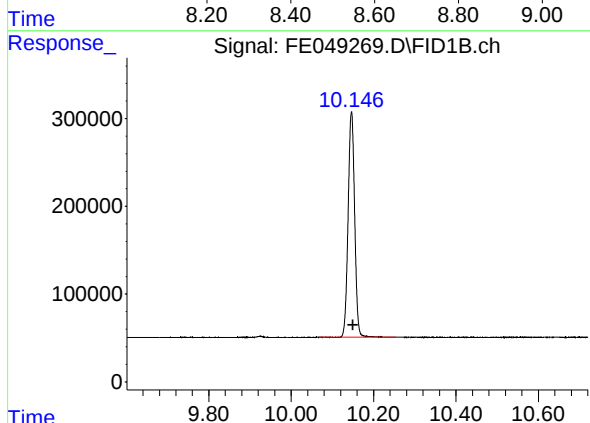
R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 2694808
Conc: 18.52 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



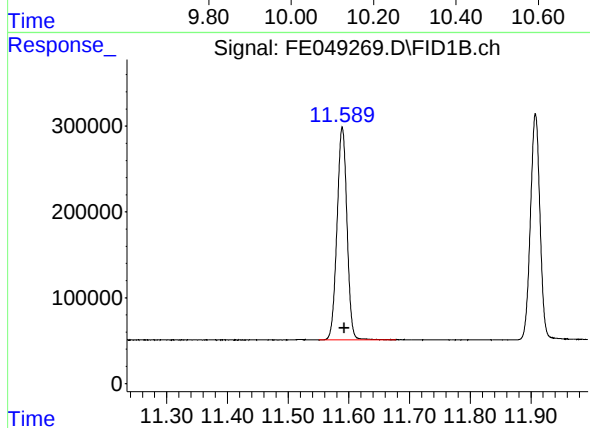
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2777986
Conc: 18.30 ug/ml



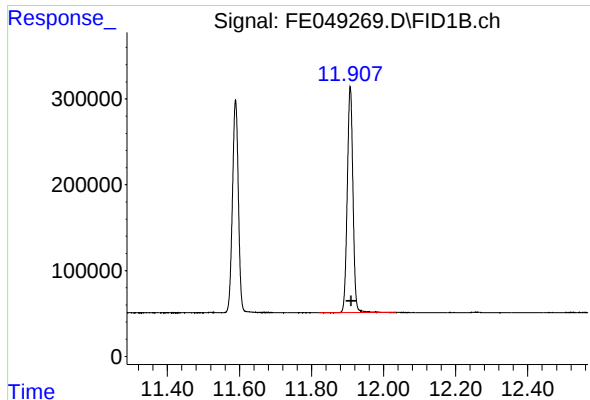
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.003 min
Response: 2818535
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

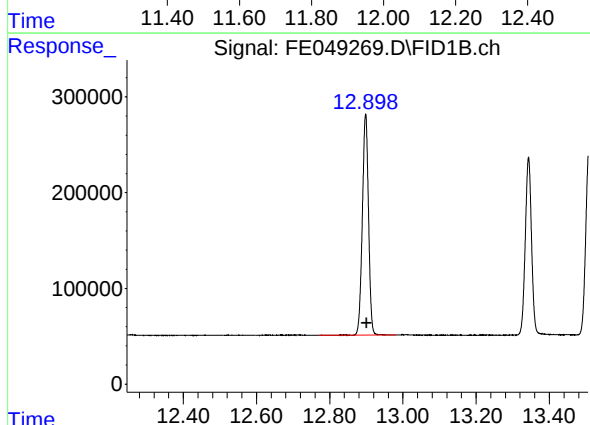
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2827234
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

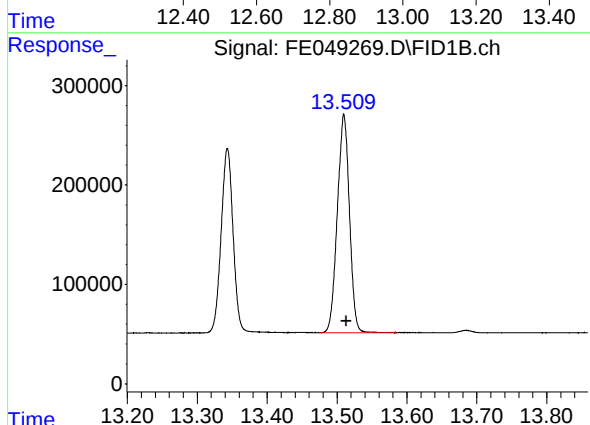
R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 2888290
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



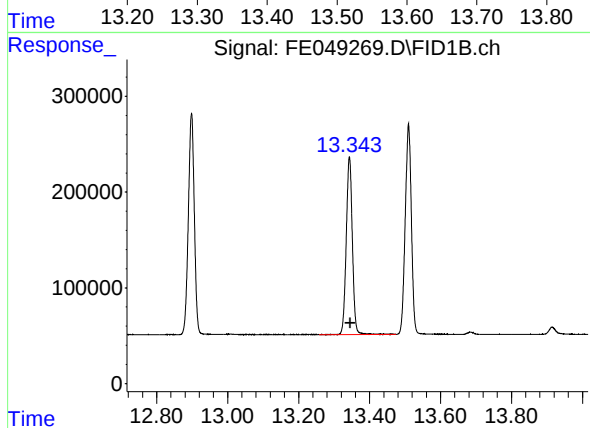
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.003 min
Response: 2696130
Conc: 18.64 ug/ml



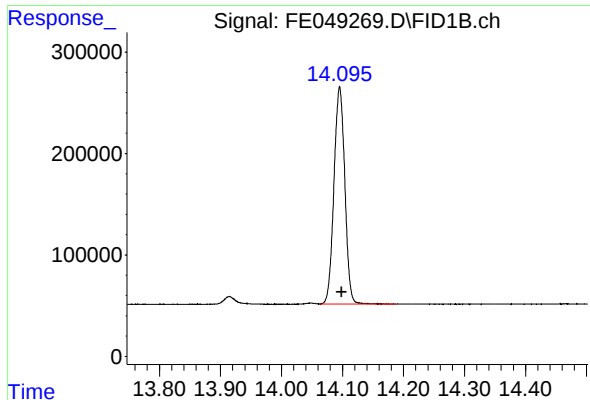
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2646959
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

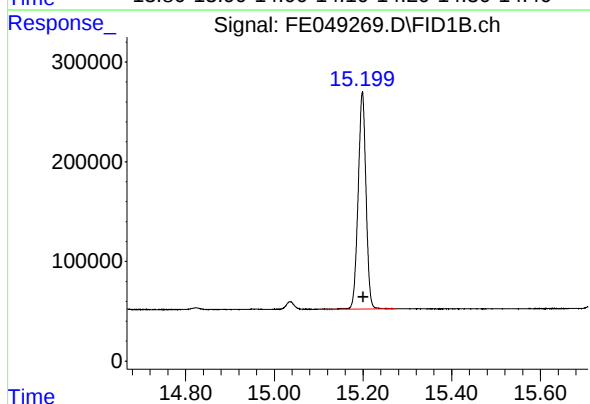
R.T.: 13.343 min
Delta R.T.: -0.003 min
Response: 2219087
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

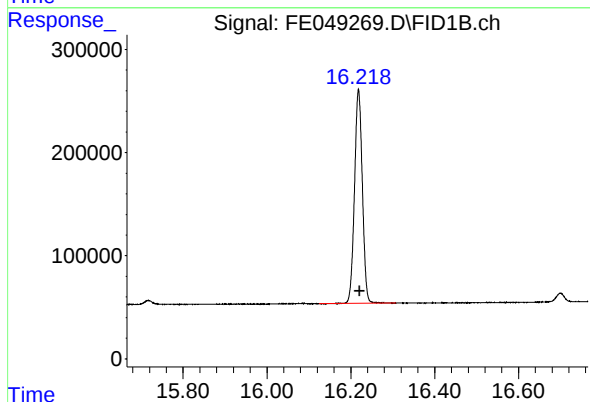
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2647231
Conc: 18.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



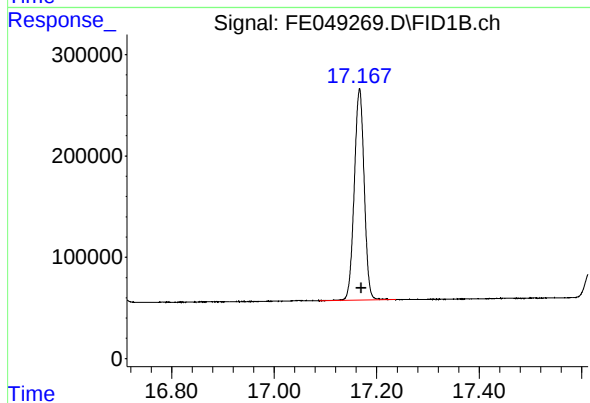
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.002 min
Response: 2676341
Conc: 19.10 ug/ml



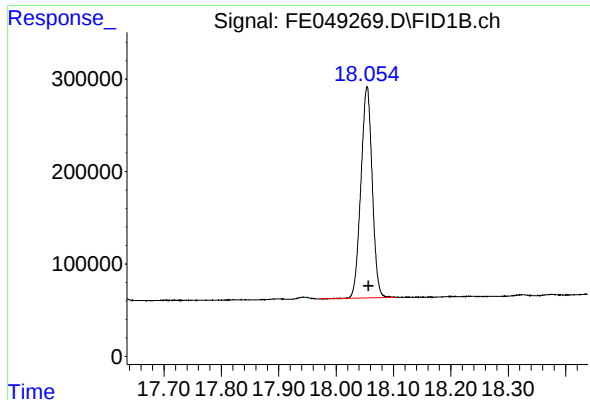
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 2694182
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

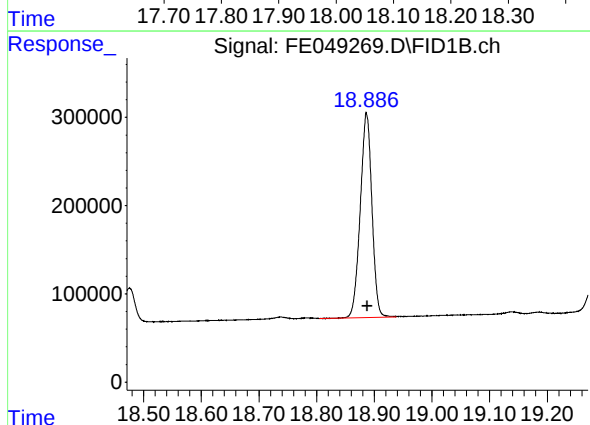
R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 2808856
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

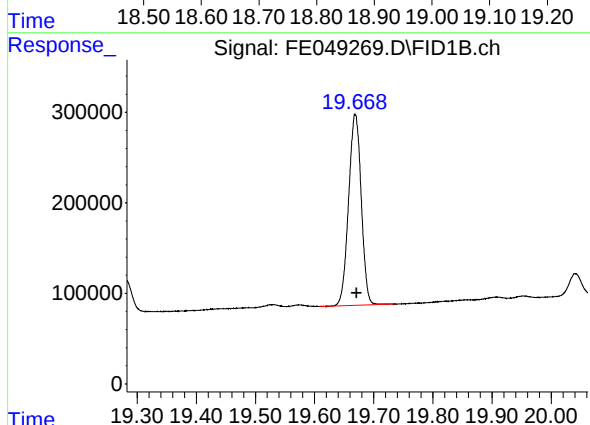
R.T.: 18.054 min
Delta R.T.: -0.003 min
Response: 3130077
Conc: 21.46 ug/ml

Instrument :
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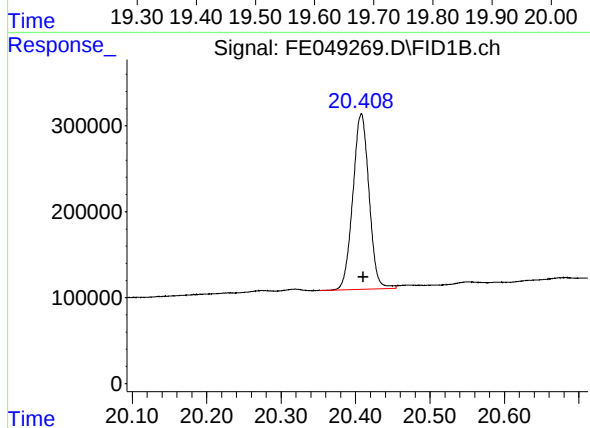
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.001 min
Response: 3257885
Conc: 22.16 ug/ml



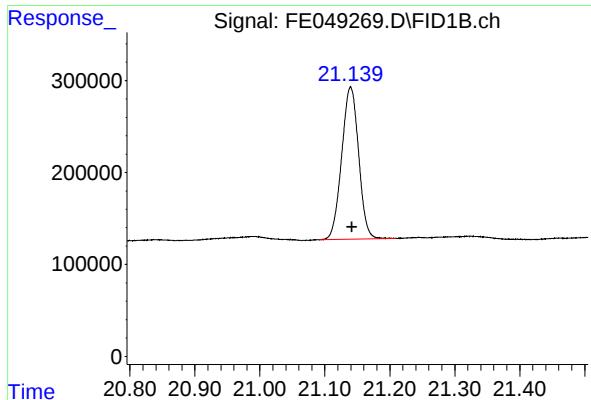
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.002 min
Response: 3136114
Conc: 21.47 ug/ml



#20 n-Hexatriacontane (C36)

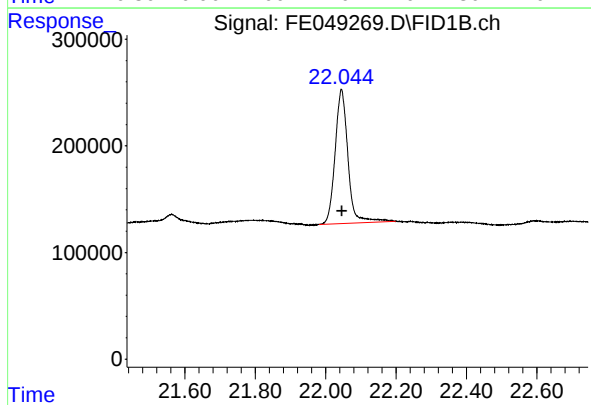
R.T.: 20.408 min
Delta R.T.: -0.003 min
Response: 3082516
Conc: 21.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2996719
Conc: 20.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.002 min
Response: 3183082
Conc: 21.09 ug/ml