

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
 Data File : FE050503.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2024 20:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 04 03:37:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.861	3149841	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
12) S 1-chlorooctadecane (S...	13.294	2380114	21.189 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
Target Compounds			
1) T n-Nonane (C9)	3.252	2848693	21.016 ug/ml
2) T n-Decane (C10)	4.502	2914107	21.115 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2960129	21.148 ug/ml
4) T n-Dodecane (C12)	6.669	2935403	21.227 ug/ml
5) T A~2-methylnaphthalene...	7.307	2753620	20.950 ug/ml
6) T n-Tetradecane (C14)	8.495	2855590	20.970 ug/ml
7) T n-Hexadecane (C16)	10.100	2957812	21.294 ug/ml
8) T n-Octadecane (C18)	11.542	2996859	21.391 ug/ml
10) T n-Eicosane (C20)	12.848	2833528	21.123 ug/ml
11) T n-Heneicosane (C21)	13.459	2796236	21.281 ug/ml
13) T n-Docosane (C22)	14.044	2773463	21.299 ug/ml
14) T n-Tetracosane (C24)	15.145	2781045	21.296 ug/ml
15) T n-Hexacosane (C26)	16.166	2735018	21.377 ug/ml
16) T n-Octacosane (C28)	17.113	2802465	21.757 ug/ml
17) T n-Tricontane (C30)	17.999	2935978	21.956 ug/ml
18) T n-Dotriacontane (C32)	18.831	2957524	22.194 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2672510	21.629 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2346109	21.146 ug/ml
21) T n-Octatriacontane (C38)	21.075	2289089	20.757 ug/ml
22) T n-Tetracontane (C40)	21.960	2135708	19.627 ug/ml

(f)=RT Delta > 1/2 Window

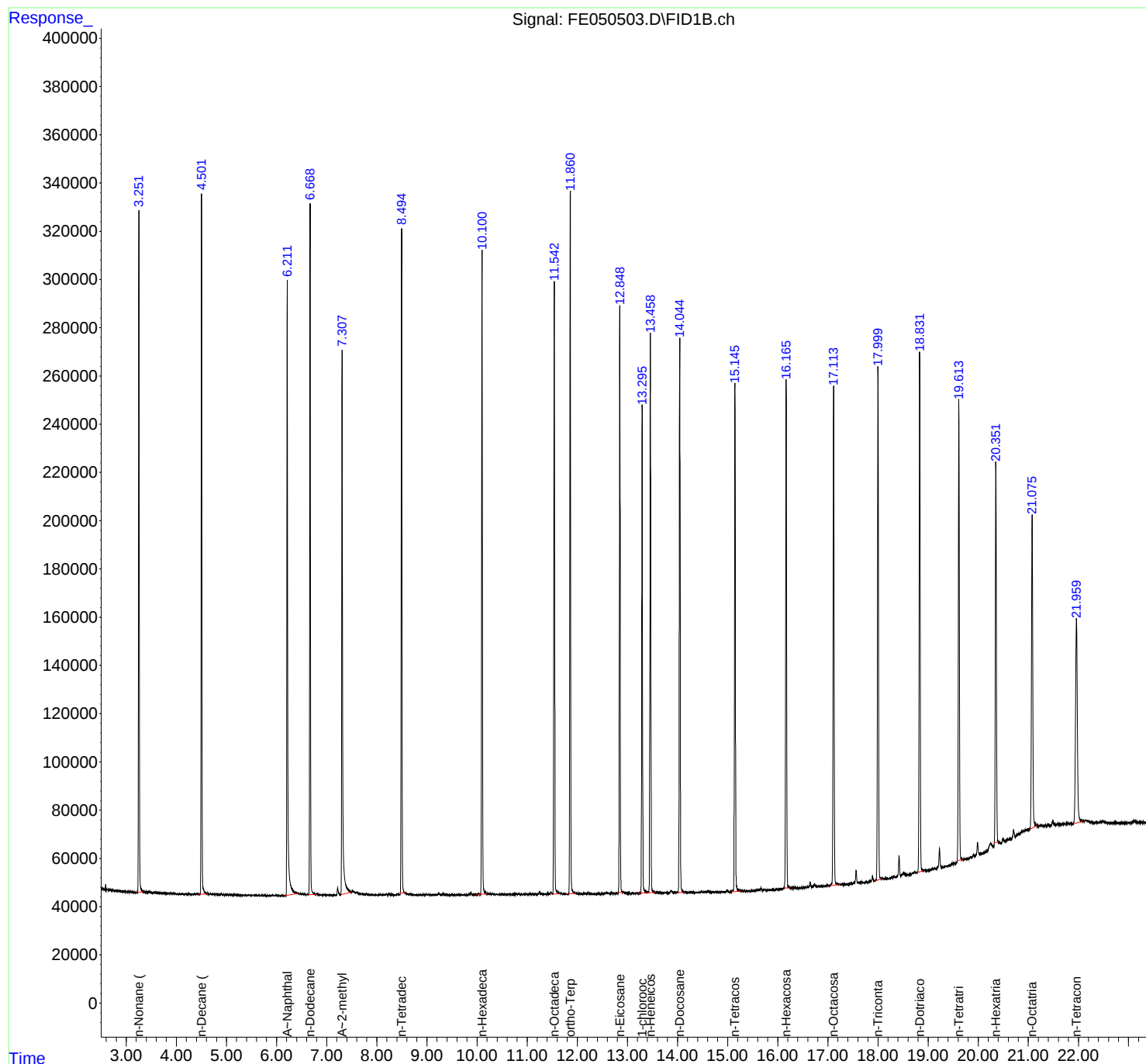
(m)=manual int.

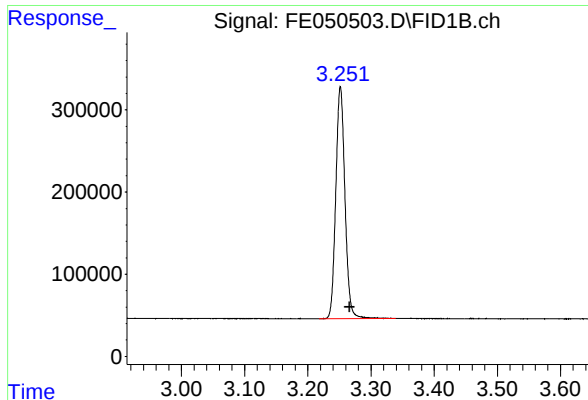
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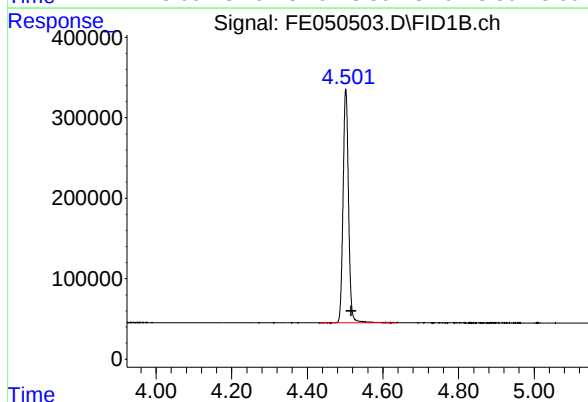




#1 n-Nonane (C9)

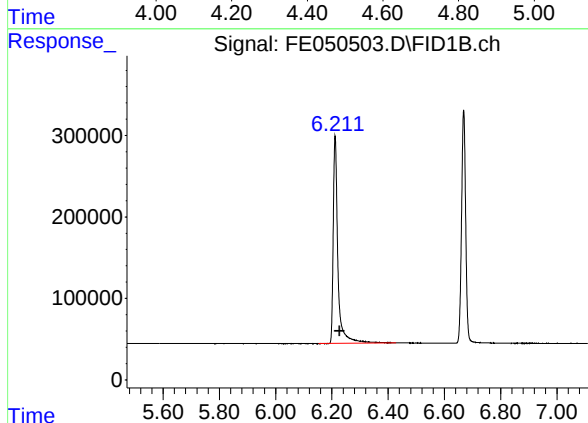
R.T.: 3.252 min
Delta R.T.: -0.014 min
Response: 2848693
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



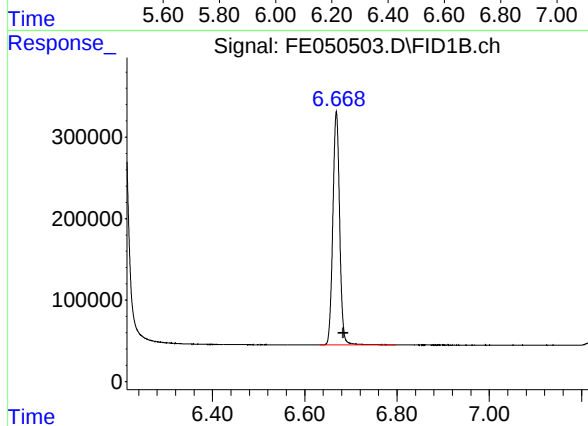
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.015 min
Response: 2914107
Conc: 21.11 ug/ml



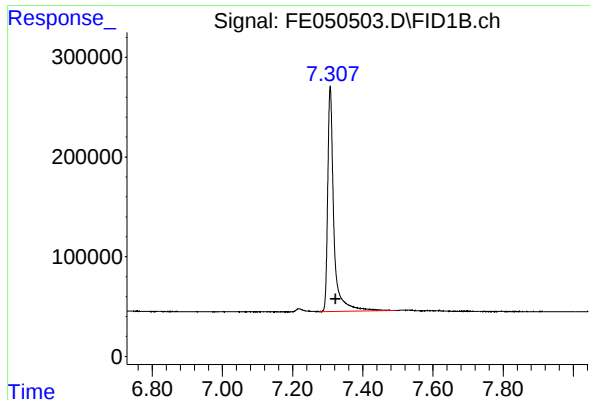
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.015 min
Response: 2960129
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

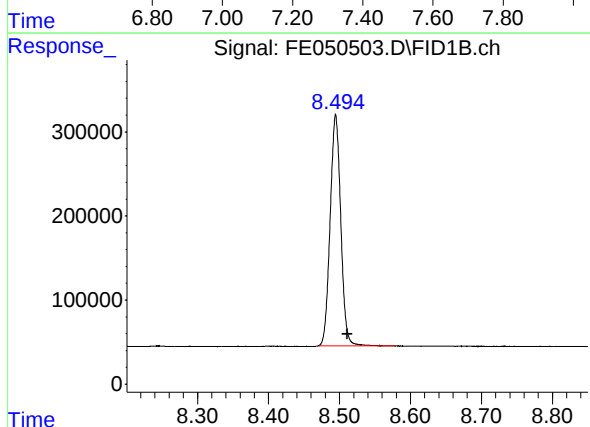
R.T.: 6.669 min
Delta R.T.: -0.015 min
Response: 2935403
Conc: 21.23 ug/ml



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

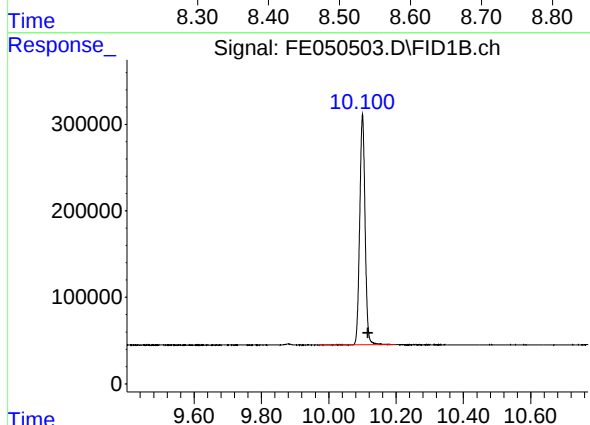
R.T.: 7.307 min
Delta R.T.: -0.016 min
Response: 2753620
Conc: 20.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



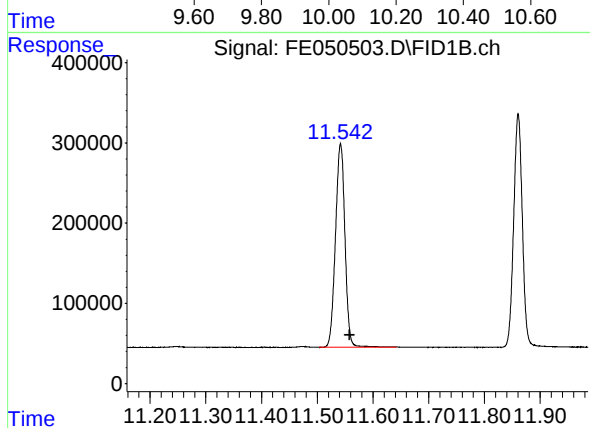
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 2855590
Conc: 20.97 ug/ml



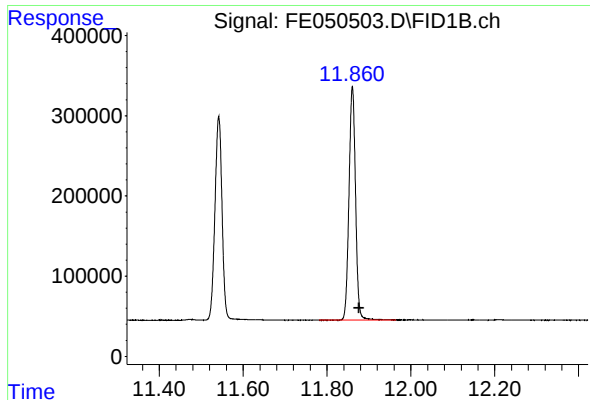
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.017 min
Response: 2957812
Conc: 21.29 ug/ml



#8 n-Octadecane (C18)

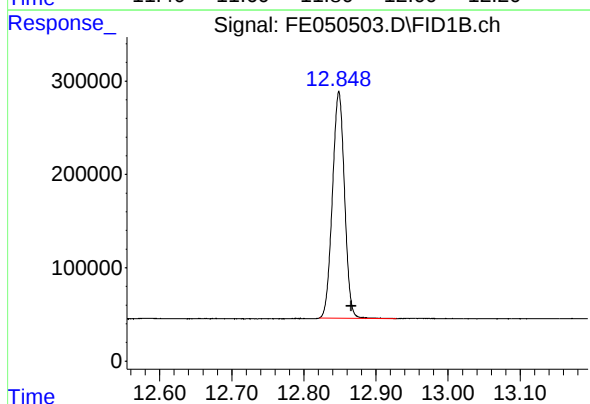
R.T.: 11.542 min
Delta R.T.: -0.017 min
Response: 2996859
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

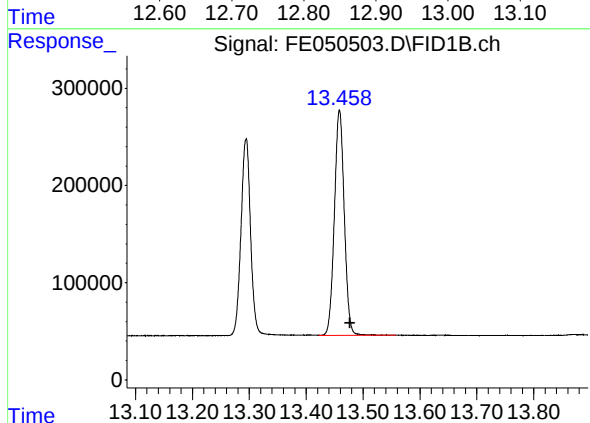
R.T.: 11.861 min
Delta R.T.: -0.016 min
Response: 3149841
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



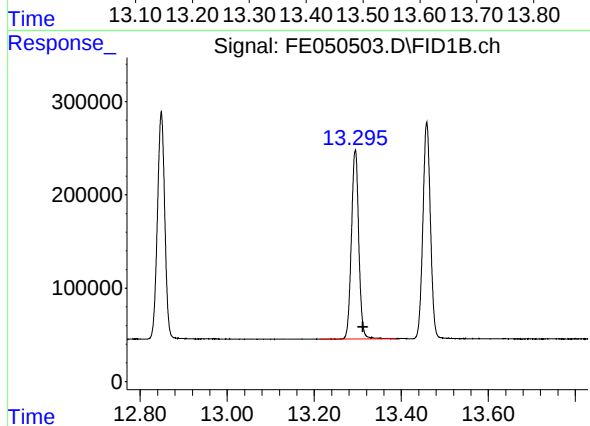
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.017 min
Response: 2833528
Conc: 21.12 ug/ml



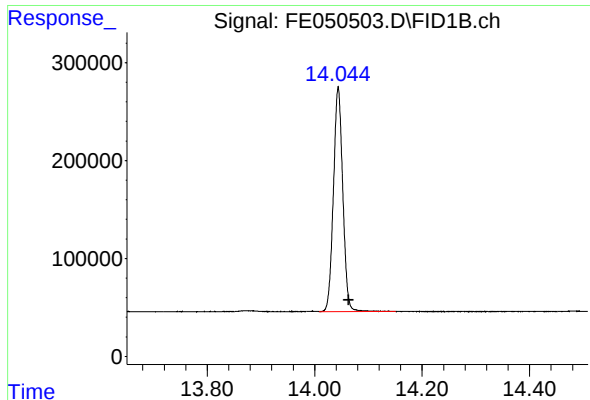
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.019 min
Response: 2796236
Conc: 21.28 ug/ml



#12 1-chlorooctadecane (SURR)

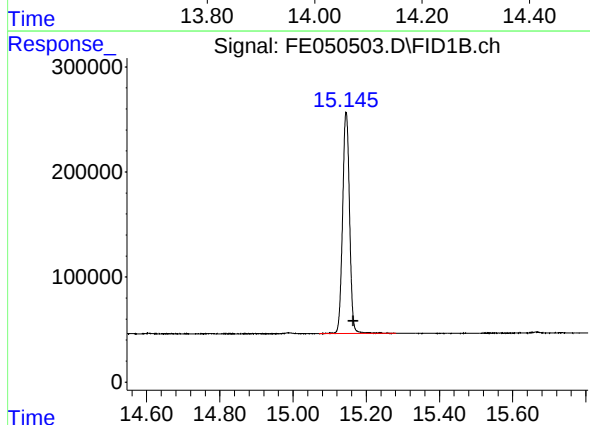
R.T.: 13.294 min
Delta R.T.: -0.017 min
Response: 2380114
Conc: 21.19 ug/ml



#13 n-Docosane (C22)

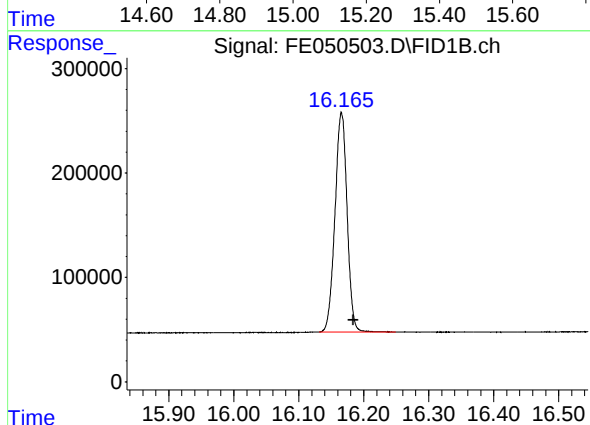
R.T.: 14.044 min
Delta R.T.: -0.019 min
Response: 2773463
Conc: 21.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



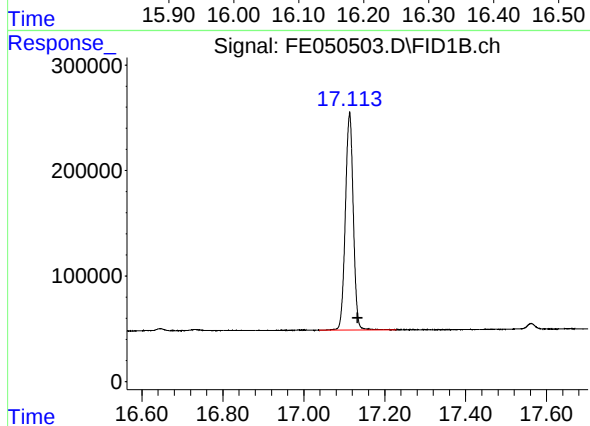
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.019 min
Response: 2781045
Conc: 21.30 ug/ml



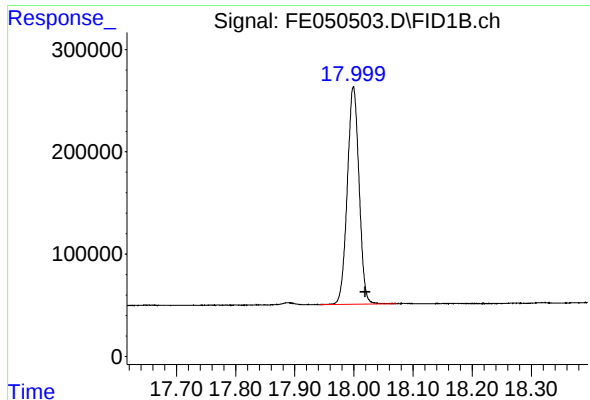
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.018 min
Response: 2735018
Conc: 21.38 ug/ml



#16 n-Octacosane (C28)

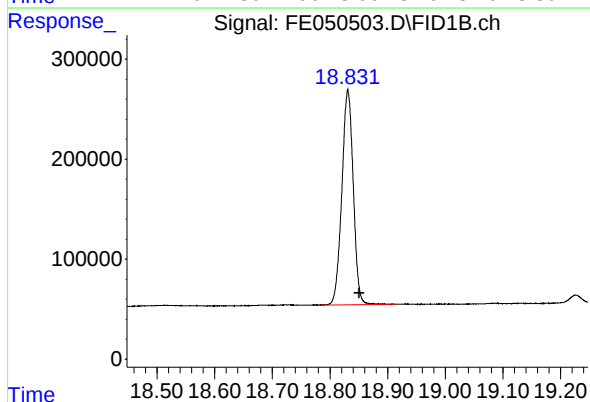
R.T.: 17.113 min
Delta R.T.: -0.020 min
Response: 2802465
Conc: 21.76 ug/ml



#17 n-Tricontane (C30)

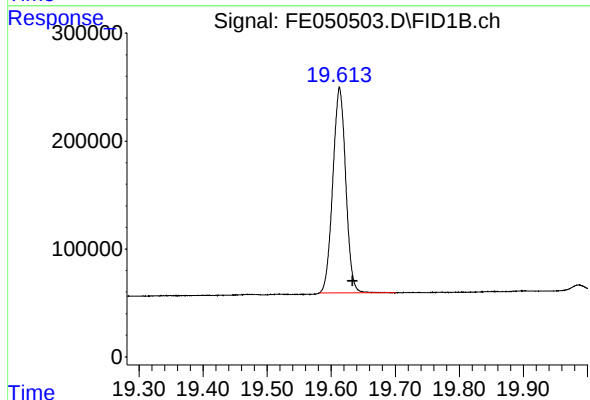
R.T.: 17.999 min
Delta R.T.: -0.021 min
Response: 2935978
Conc: 21.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



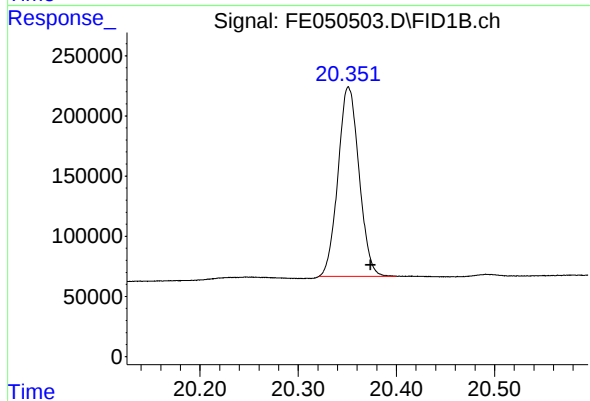
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 2957524
Conc: 22.19 ug/ml



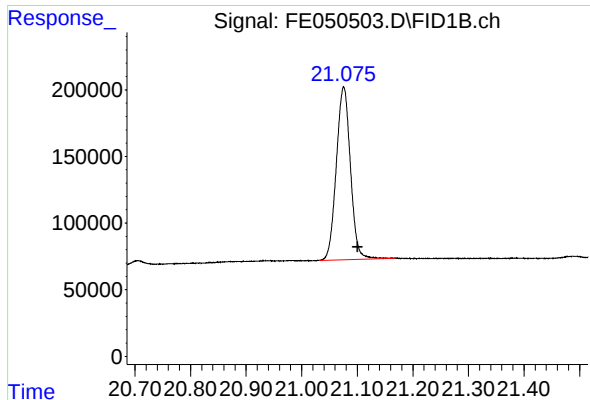
#19 n-Tetatriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.020 min
Response: 2672510
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

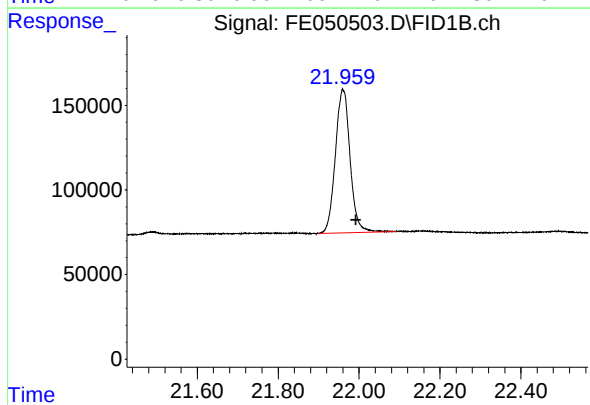
R.T.: 20.351 min
Delta R.T.: -0.022 min
Response: 2346109
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.025 min
Response: 2289089
Conc: 20.76 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.032 min
Response: 2135708
Conc: 19.63 ug/ml