

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043222.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 08:39
 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: Jul 14 22:28:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.902	3682668	20.566 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	13.338	2715267	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T n-Nonane (C9)	3.278	3140913	20.572 ug/ml
2) T n-Decane (C10)	4.531	3223372	20.676 ug/ml
3) T A~Naphthalene (C11.7)	6.242	3370002	20.943 ug/ml
4) T n-Dodecane (C12)	6.702	3252247	20.639 ug/ml
5) T A~2-methylnaphthalene...	7.339	3201656	21.100 ug/ml
6) T n-Tetradecane (C14)	8.531	3230486	20.424 ug/ml
7) T n-Hexadecane (C16)	10.139	3319658	20.513 ug/ml
8) T n-Octadecane (C18)	11.583	3340679	20.493 ug/ml
10) T n-Eicosane (C20)	12.892	3189211	20.527 ug/ml
11) T n-Heneicosane (C21)	13.504	3112205	20.542 ug/ml
13) T n-Docosane (C22)	14.091	3062985	20.495 ug/ml
14) T n-Tetracosane (C24)	15.195	2999604	20.425 ug/ml
15) T n-Hexacosane (C26)	16.215	2910145	20.432 ug/ml
16) T n-Octacosane (C28)	17.166	2843705	20.211 ug/ml
17) T n-Tricontane (C30)	18.054	2929475	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.885	2929363	19.769 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2851626	19.759 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2748769	18.702 ug/ml
21) T n-Octatriacontane (C38)	21.151	2703070	18.949 ug/ml
22) T n-Tetracontane (C40)	22.063	2798168	18.960 ug/ml

(f)=RT Delta > 1/2 Window

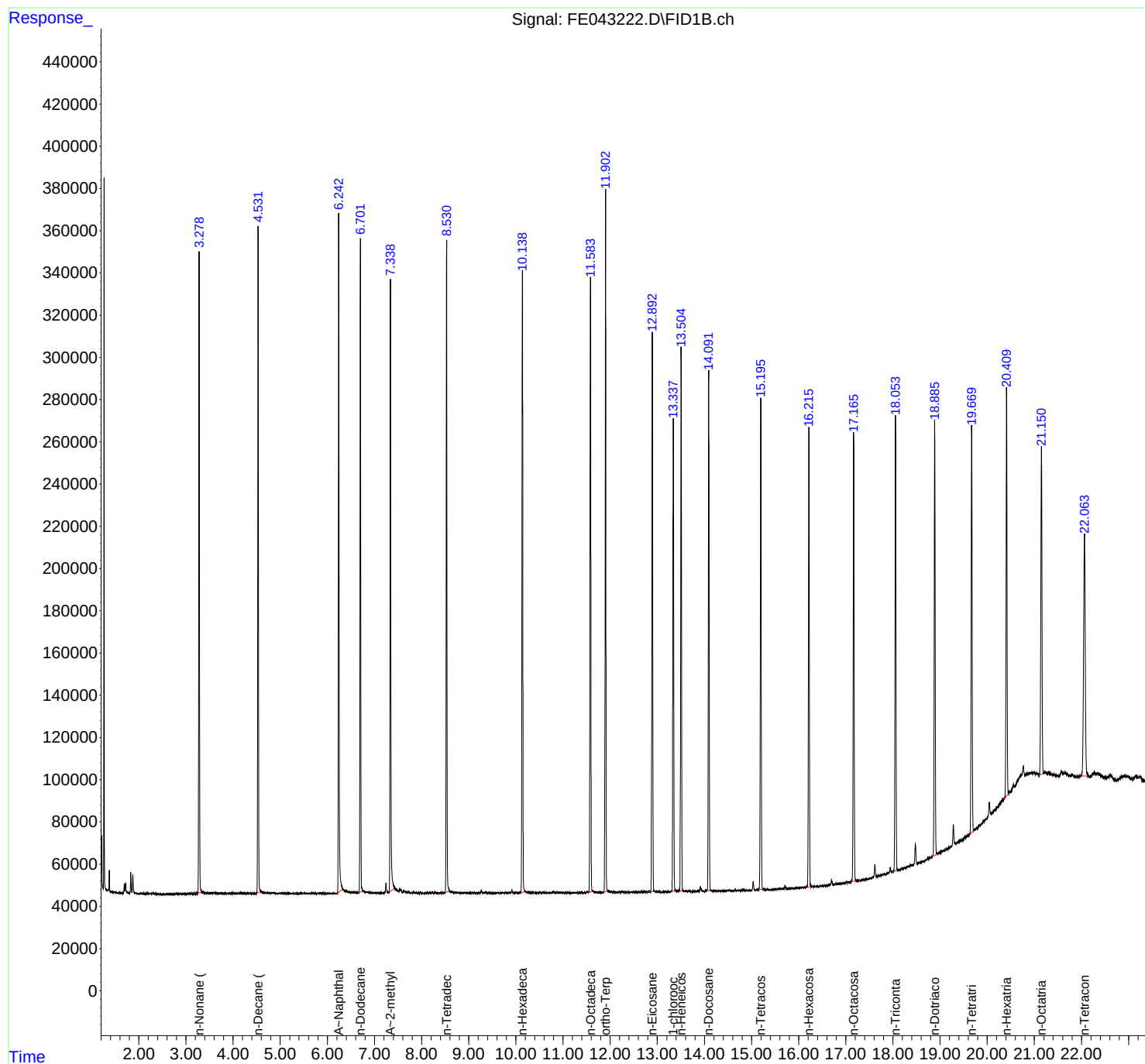
(m)=manual int.

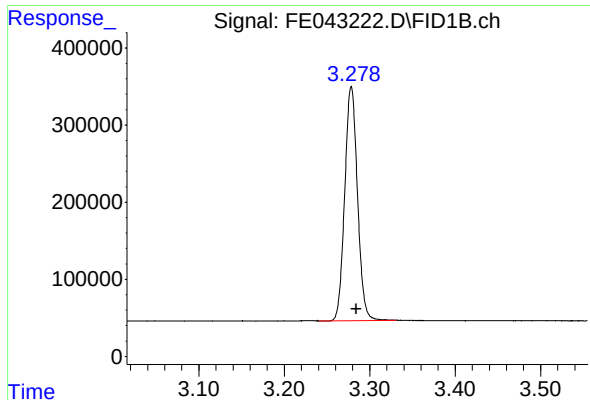
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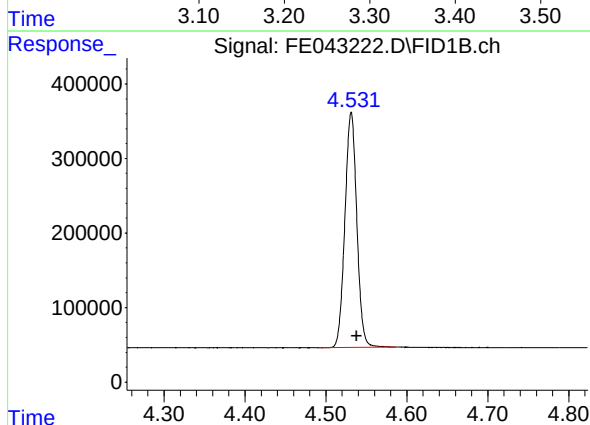




#1 n-Nonane (C9)

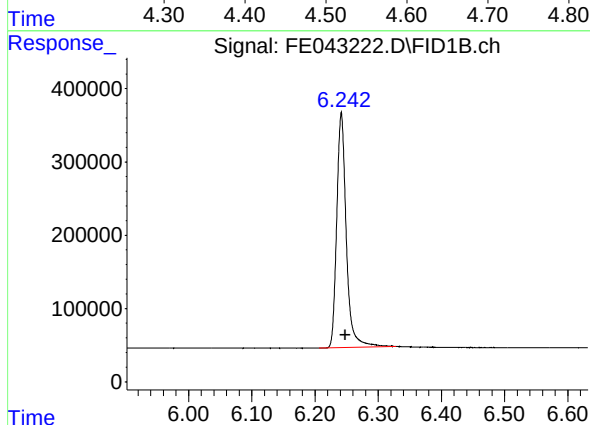
R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3140913
Conc: 20.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



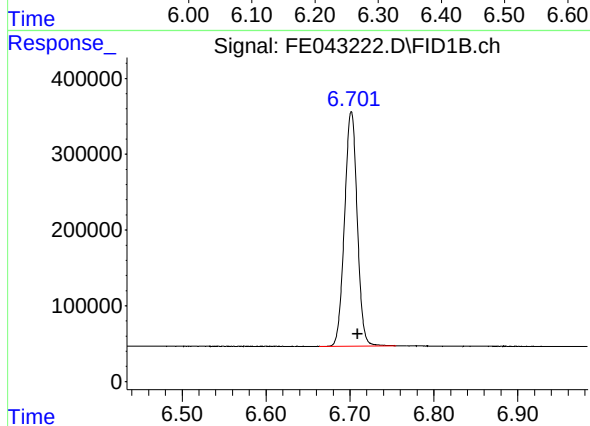
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.007 min
Response: 3223372
Conc: 20.68 ug/ml



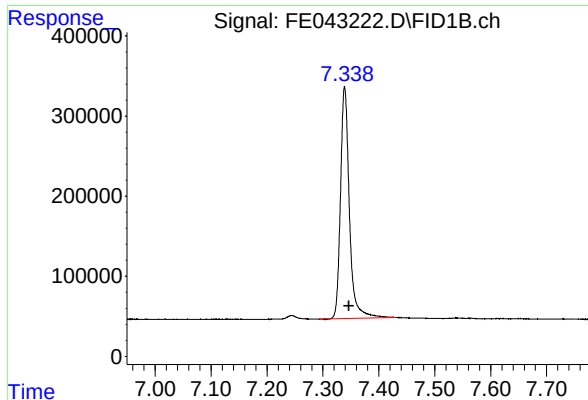
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 3370002
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

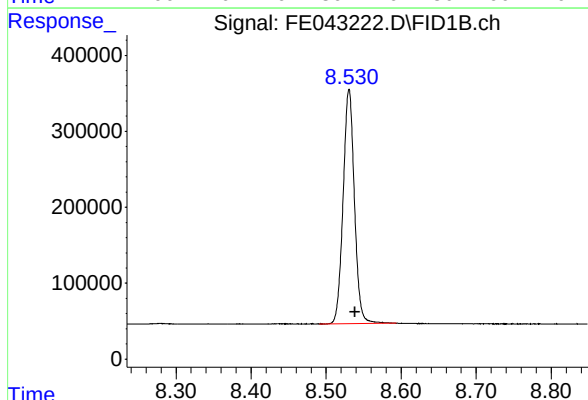
R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 3252247
Conc: 20.64 ug/ml



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

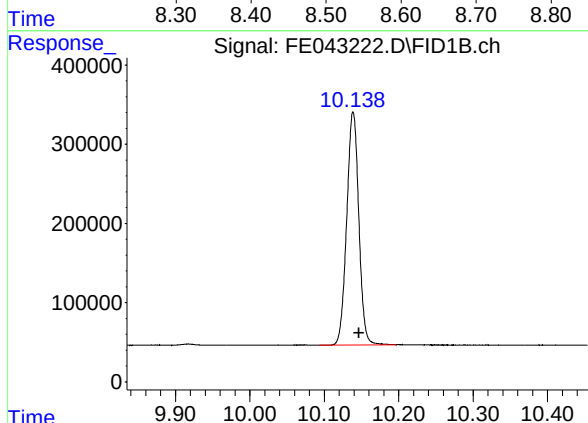
R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 3201656
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



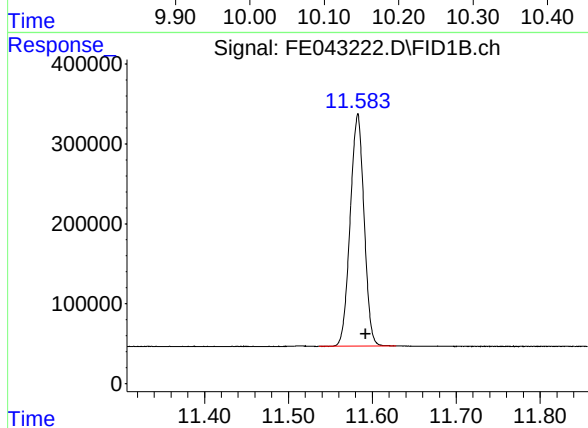
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.008 min
Response: 3230486
Conc: 20.42 ug/ml



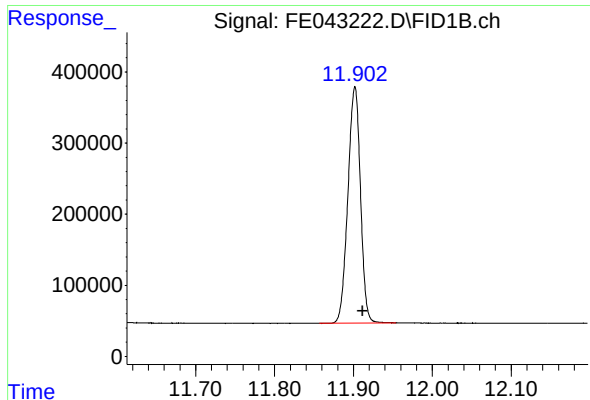
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.008 min
Response: 3319658
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

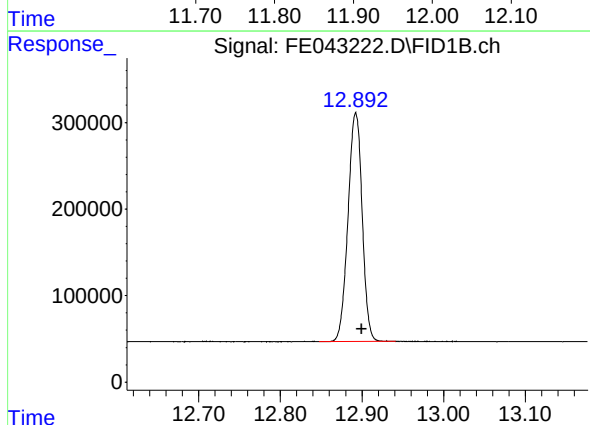
R.T.: 11.583 min
Delta R.T.: -0.009 min
Response: 3340679
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

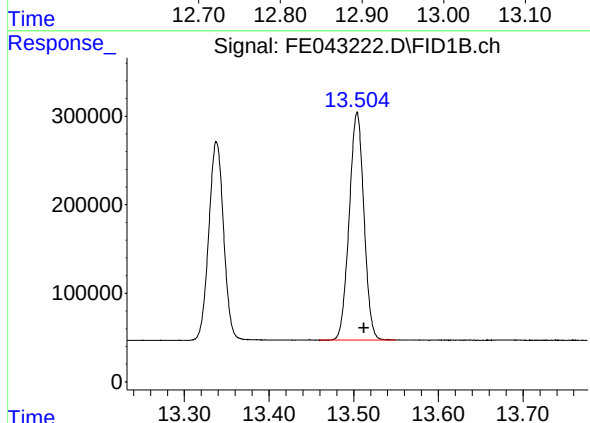
R.T.: 11.902 min
Delta R.T.: -0.009 min
Response: 3682668
Conc: 20.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



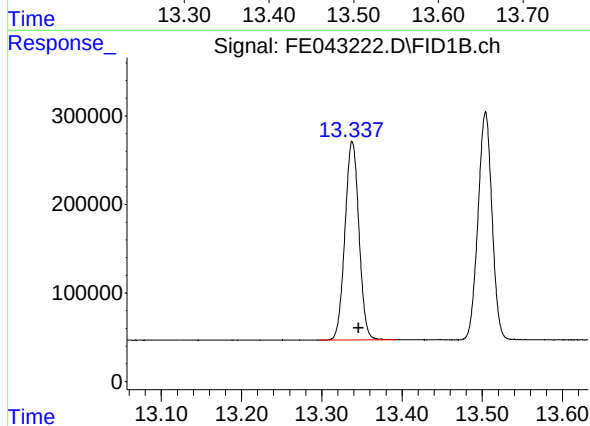
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.007 min
Response: 3189211
Conc: 20.53 ug/ml



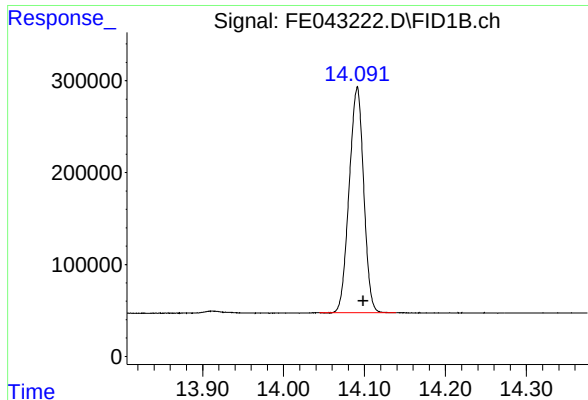
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.008 min
Response: 3112205
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

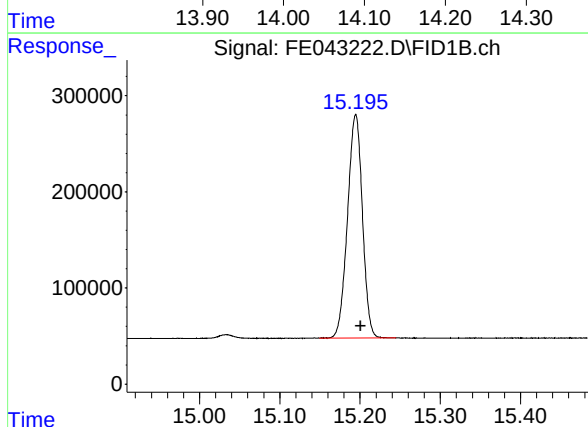
R.T.: 13.338 min
Delta R.T.: -0.008 min
Response: 2715267
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

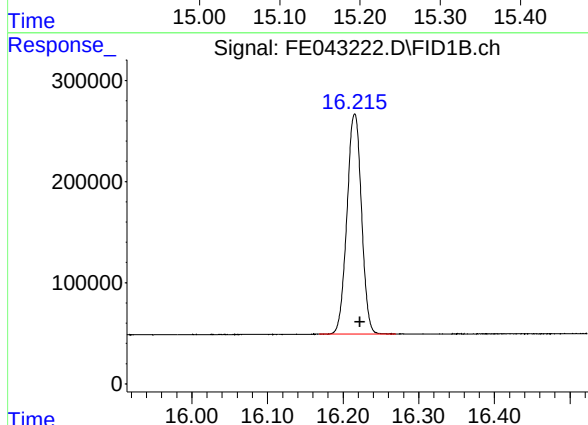
R.T.: 14.091 min
Delta R.T.: -0.007 min
Response: 3062985
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



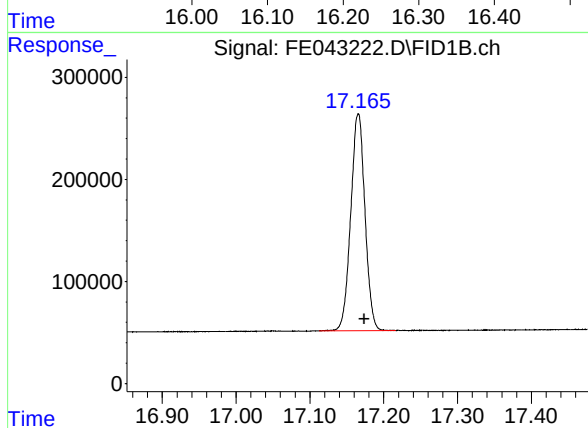
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.006 min
Response: 2999604
Conc: 20.42 ug/ml



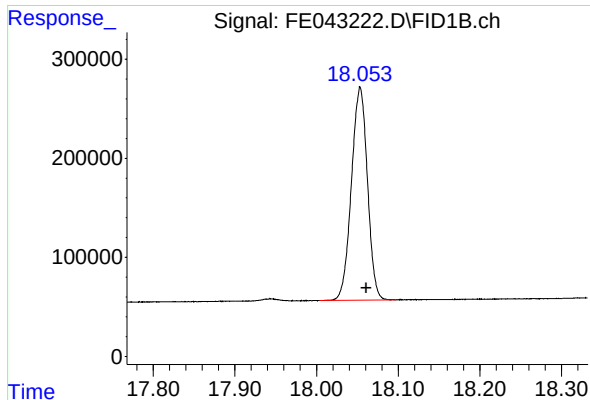
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.007 min
Response: 2910145
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

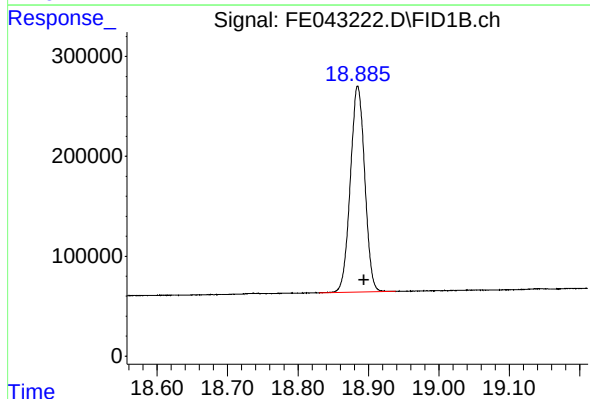
R.T.: 17.166 min
Delta R.T.: -0.008 min
Response: 2843705
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

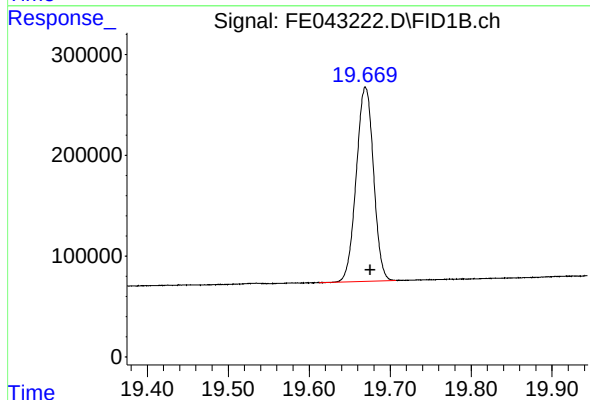
R.T.: 18.054 min
Delta R.T.: -0.008 min
Response: 2929475
Conc: 19.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



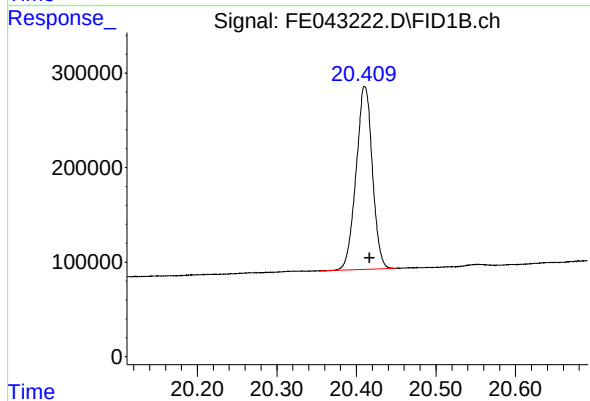
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.009 min
Response: 2929363
Conc: 19.77 ug/ml



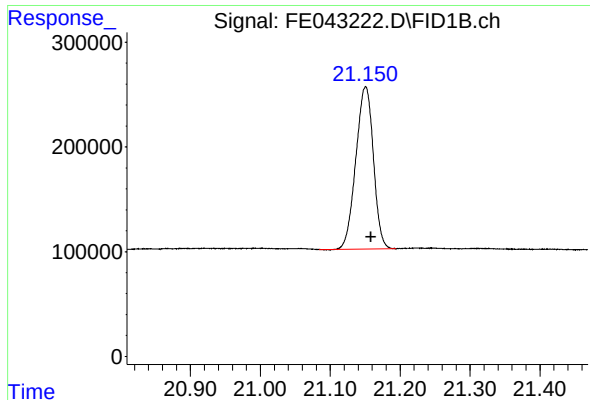
#19 n-Tetatriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.006 min
Response: 2851626
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

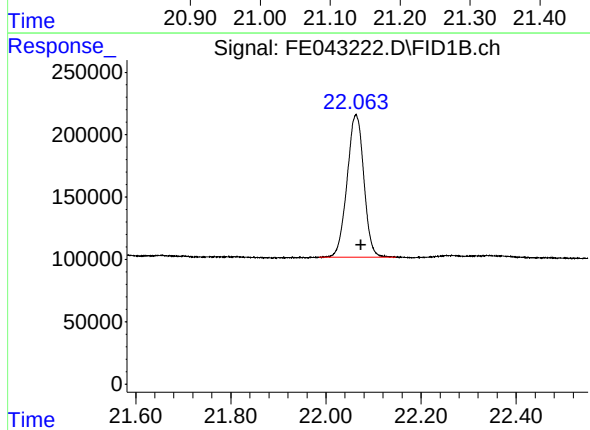
R.T.: 20.410 min
Delta R.T.: -0.006 min
Response: 2748769
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.008 min
Response: 2703070
Conc: 18.95 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.063 min
Delta R.T.: -0.011 min
Response: 2798168
Conc: 18.96 ug/ml