

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047127.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 14:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 09 14:49:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 09 13:29:39 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)	11.359	3741561	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.794	2890250	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	3.201	3197813	20.133 ug/ml
2) T n-Decane (C10)	4.252	3256957	20.159 ug/ml
3) T A~Naphthalene (C11.7)	5.809	3575173	20.242 ug/ml
4) T n-Dodecane (C12)	6.251	3303412	20.128 ug/ml
5) T A~2-methylnaphthalene...	6.856	3455422	20.336 ug/ml
6) T n-Tetradecane (C14)	8.034	3303877	20.115 ug/ml
7) T n-Hexadecane (C16)	9.625	3434911	20.147 ug/ml
8) T n-Octadecane (C18)	11.057	3518402	20.212 ug/ml
10) T n-Eicosane (C20)	12.356	3408351	20.096 ug/ml
11) T n-Heneicosane (C21)	12.964	3371618	20.106 ug/ml
13) T n-Docosane (C22)	13.546	3360261	20.094 ug/ml
14) T n-Tetracosane (C24)	14.640	3355874	20.115 ug/ml
15) T n-Hexacosane (C26)	15.654	3299910	20.161 ug/ml
16) T n-Octacosane (C28)	16.596	3220500	20.294 ug/ml
17) T n-Tricontane (C30)	17.477	3205763	20.241 ug/ml
18) T n-Dotriacontane (C32)	18.302	3073531	20.356 ug/ml
19) T n-Tetratriacontane (C34)	19.077	2887491	20.139 ug/ml
20) T n-Hexatriacontane (C36)	19.812	2693425	20.192 ug/ml
21) T n-Octatriacontane (C38)	20.509	2580582	20.202 ug/ml
22) T n-Tetracontane (C40)	21.314	2434035	20.344 ug/ml

(f)=RT Delta > 1/2 Window

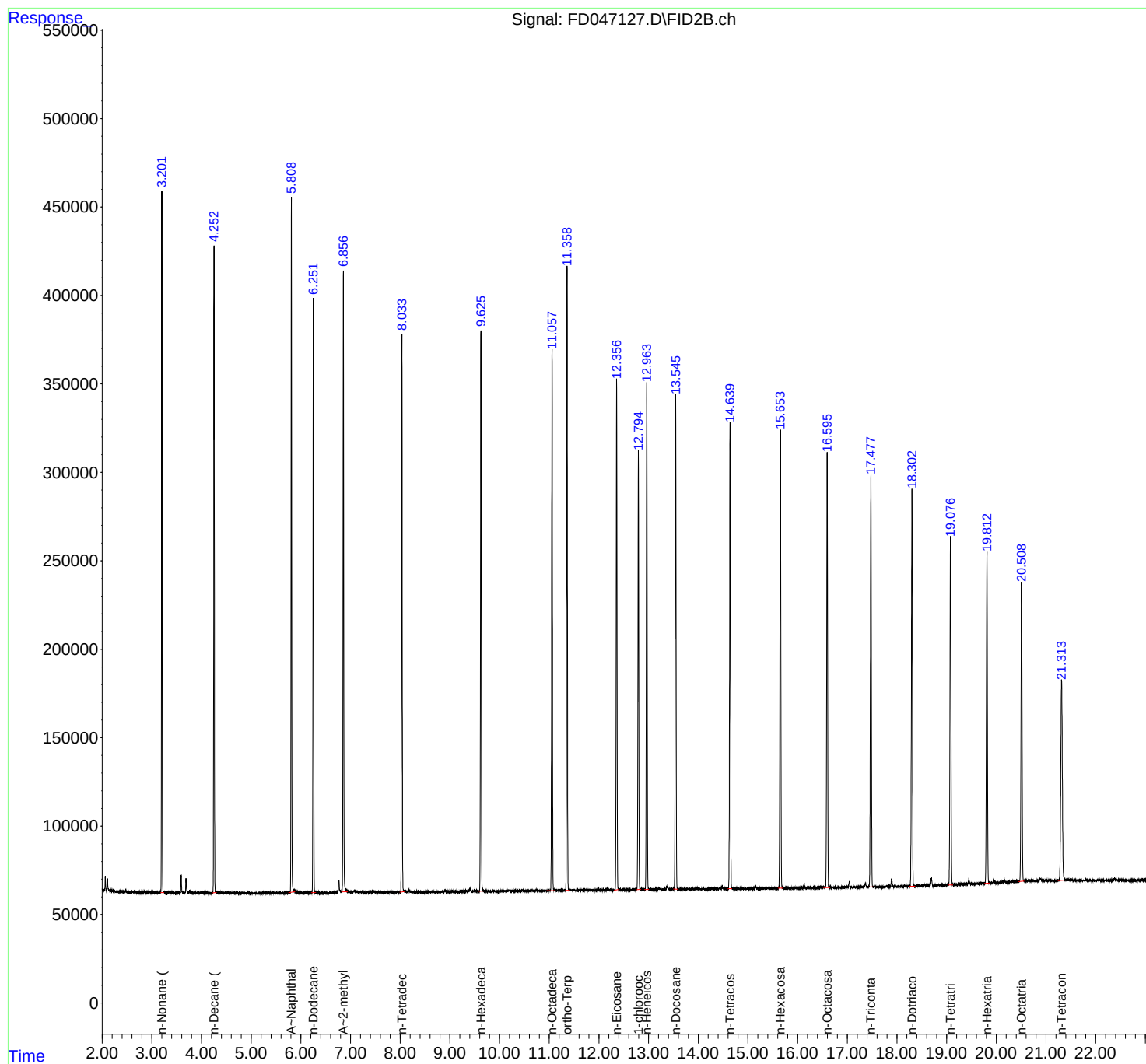
(m)=manual int.

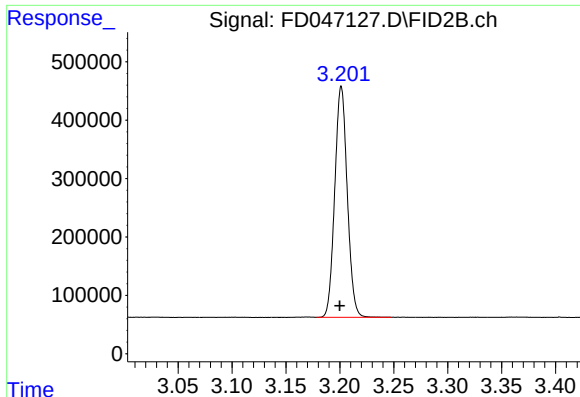
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
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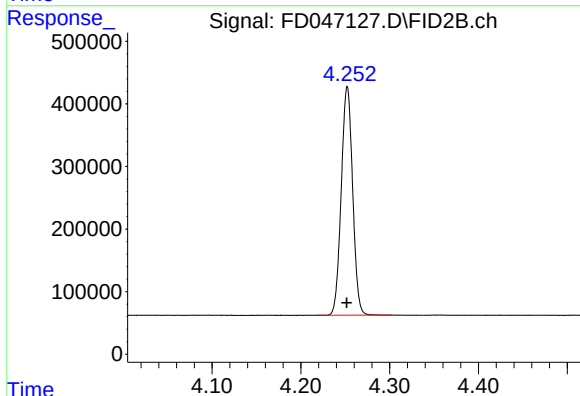




#1 n-Nonane (C9)

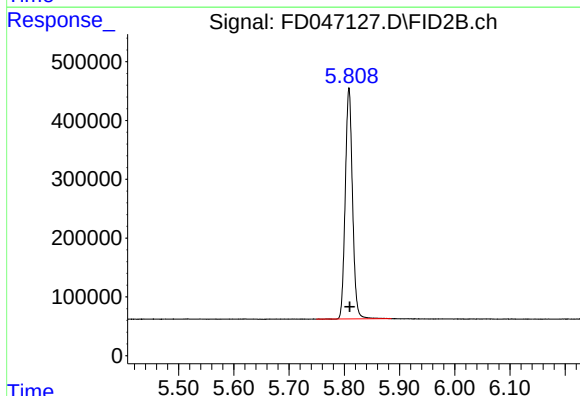
R.T.: 3.201 min
Delta R.T.: 0.001 min
Response: 3197813
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



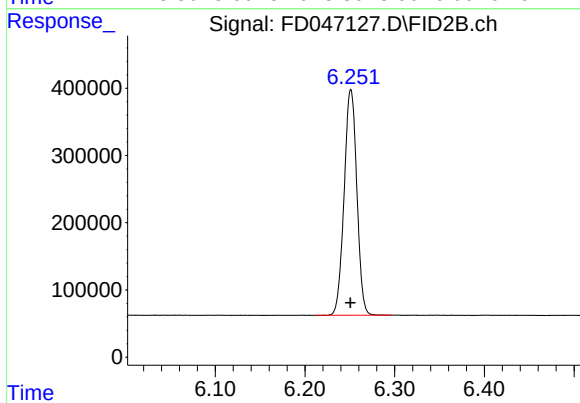
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 3256957
Conc: 20.16 ug/ml



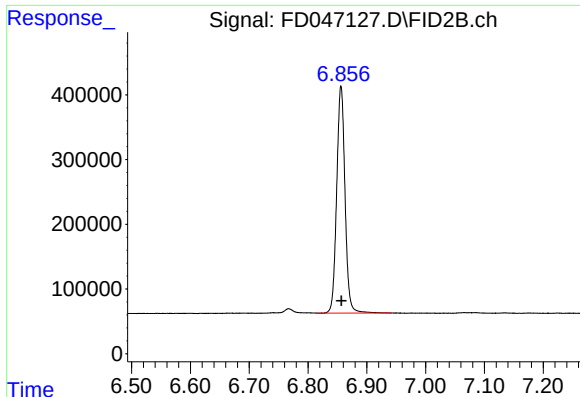
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3575173
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

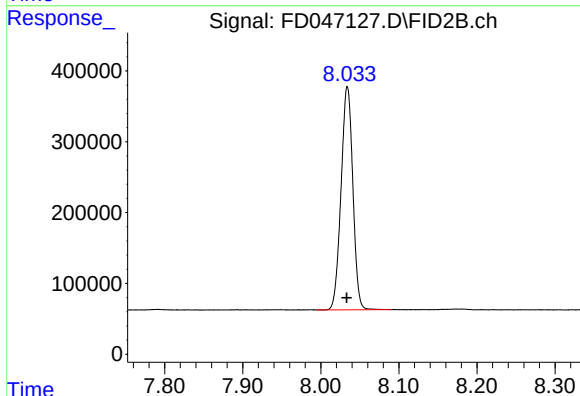
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 3303412
Conc: 20.13 ug/ml



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

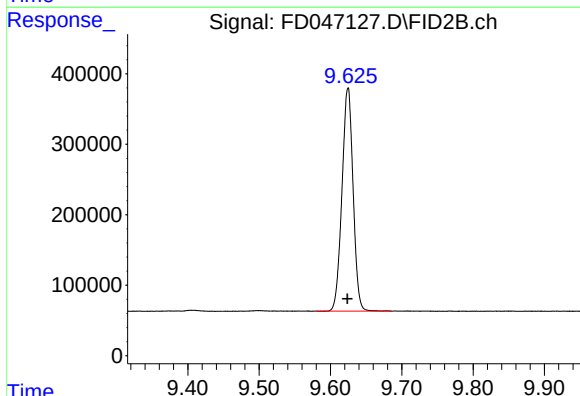
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 3455422
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



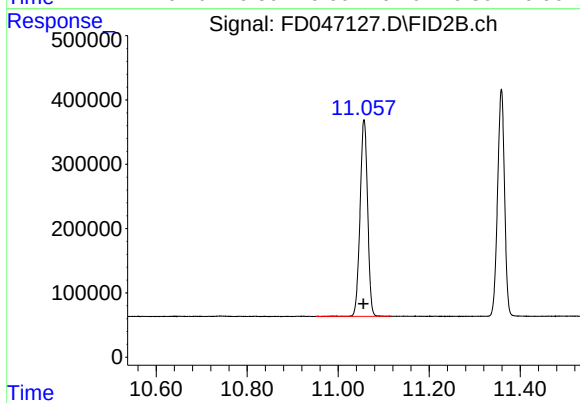
#6 n-Tetradecane (C14)

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 3303877
Conc: 20.11 ug/ml



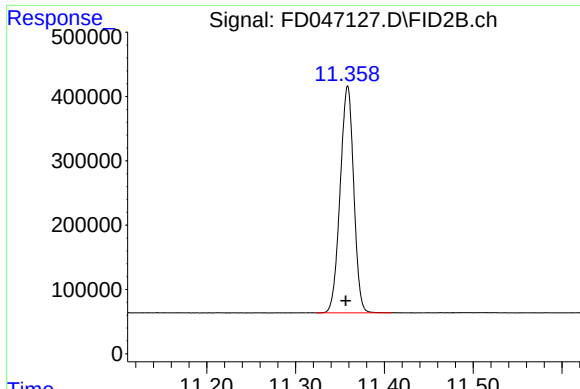
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 3434911
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

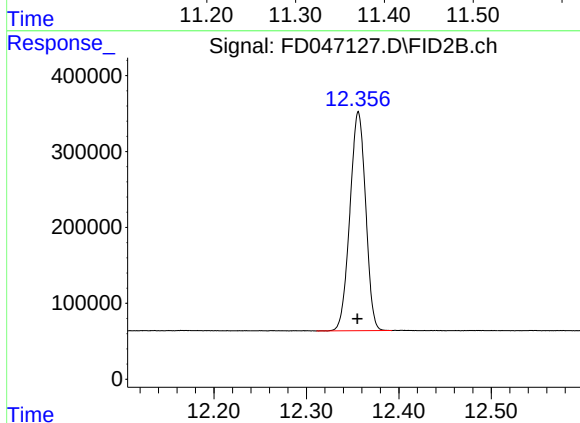
R.T.: 11.057 min
Delta R.T.: 0.002 min
Response: 3518402
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

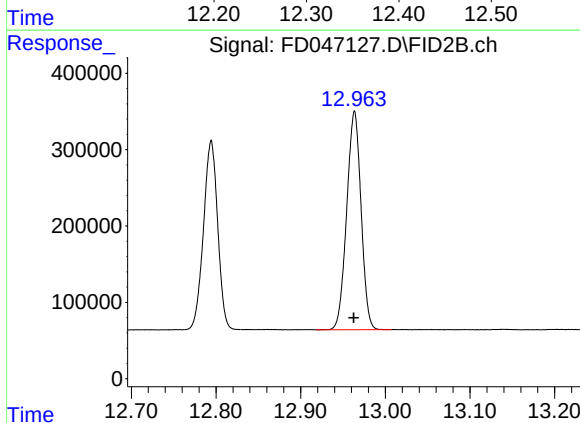
R.T.: 11.359 min
Delta R.T.: 0.002 min
Response: 3741561
Conc: 20.13 ug/ml

Instrument :
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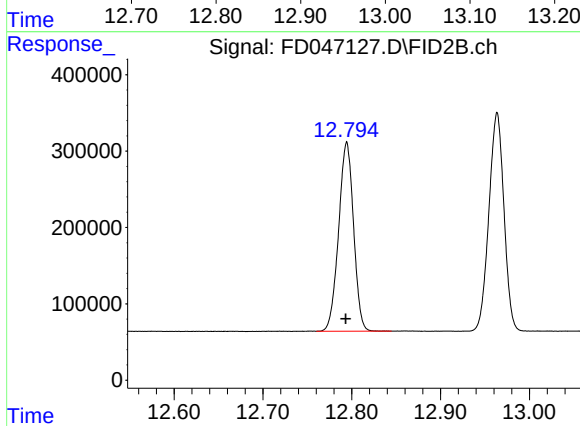
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.001 min
Response: 3408351
Conc: 20.10 ug/ml



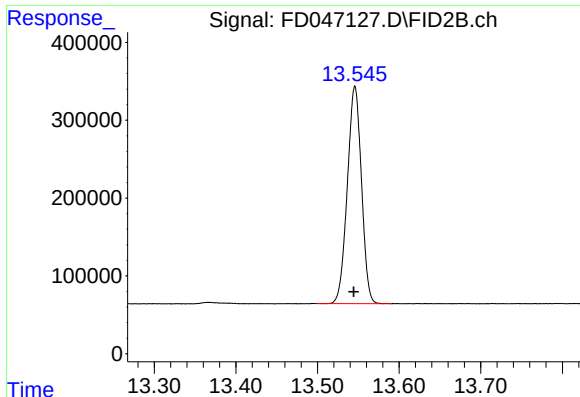
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: 0.001 min
Response: 3371618
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

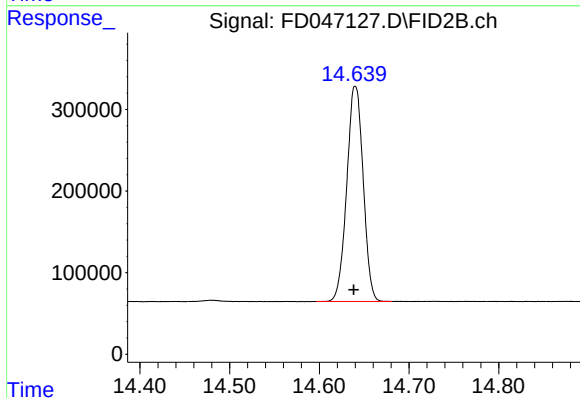
R.T.: 12.794 min
Delta R.T.: 0.001 min
Response: 2890250
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

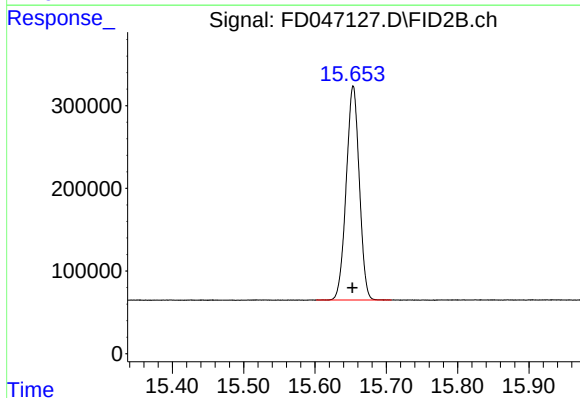
R.T.: 13.546 min
Delta R.T.: 0.001 min
Response: 3360261
Conc: 20.09 ug/ml

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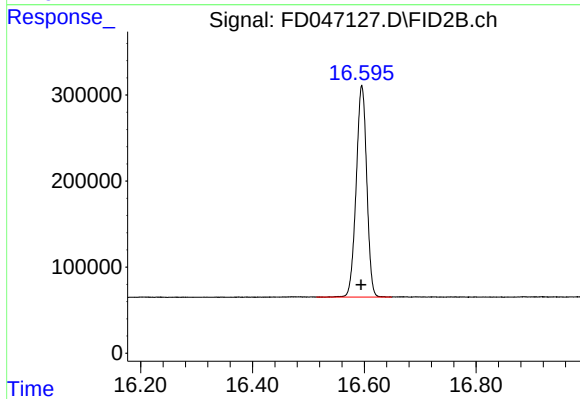
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: 0.002 min
Response: 3355874
Conc: 20.12 ug/ml



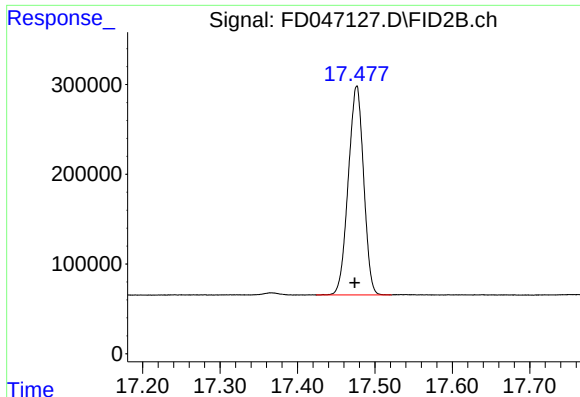
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: 0.001 min
Response: 3299910
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

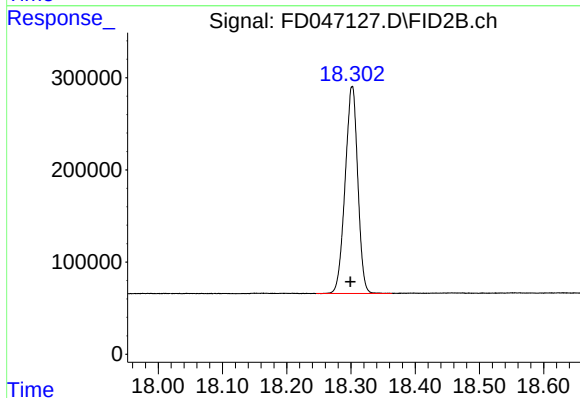
R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 3220500
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

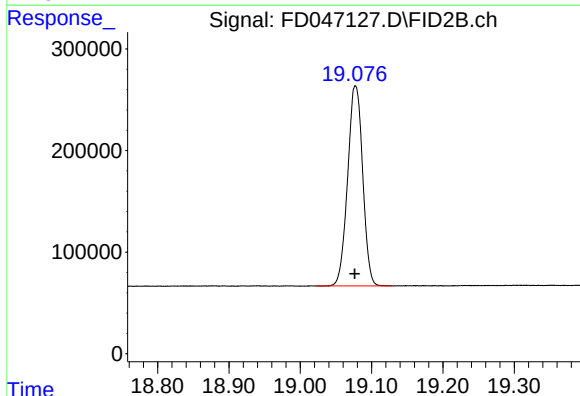
R.T.: 17.477 min
Delta R.T.: 0.003 min
Response: 3205763
Conc: 20.24 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



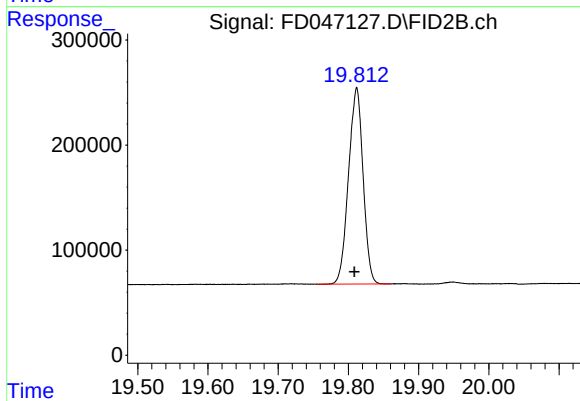
#18 n-Dotriacontane (C32)

R.T.: 18.302 min
Delta R.T.: 0.003 min
Response: 3073531
Conc: 20.36 ug/ml



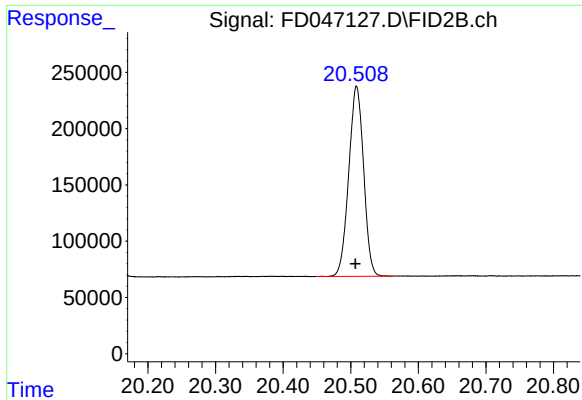
#19 n-Tetratriacontane (C34)

R.T.: 19.077 min
Delta R.T.: 0.000 min
Response: 2887491
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

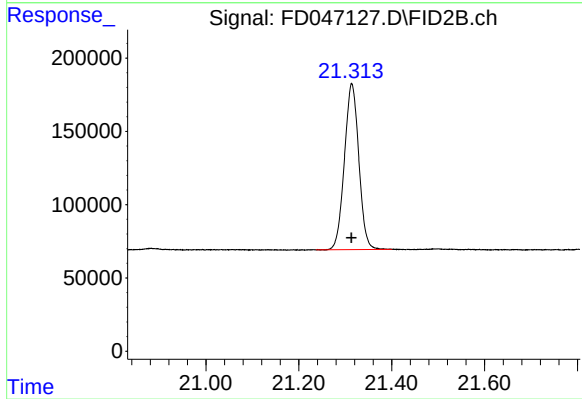
R.T.: 19.812 min
Delta R.T.: 0.003 min
Response: 2693425
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.509 min
Delta R.T.: 0.002 min
Response: 2580582
Conc: 20.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: 0.001 min
Response: 2434035
Conc: 20.34 ug/ml