

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044725.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 22:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 25 17:29:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:54:40 2022
 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)	11.548	3201422	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.972	2431430	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.379	2986335	19.899 ug/ml
2) T n-Decane (C10)	4.437	2937173	19.894 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3350003	19.879 ug/ml
4) T n-Dodecane (C12)	6.436	2947051	19.888 ug/ml
5) T A~2-methylnaphthalene...	7.053	3147050	19.859 ug/ml
6) T n-Tetradecane (C14)	8.216	2939375	19.876 ug/ml
7) T n-Hexadecane (C16)	9.803	2965278	19.818 ug/ml
8) T n-Octadecane (C18)	11.234	2954960	19.766 ug/ml
10) T n-Eicosane (C20)	12.533	2850176	19.783 ug/ml
11) T n-Heneicosane (C21)	13.139	2836634	19.804 ug/ml
13) T n-Docosane (C22)	13.721	2831183	19.590 ug/ml
14) T n-Tetracosane (C24)	14.814	2853732	19.362 ug/ml
15) T n-Hexacosane (C26)	15.825	2793541	18.903 ug/ml
16) T n-Octacosane (C28)	16.767	2777255	18.582 ug/ml
17) T n-Tricontane (C30)	17.646	2766023	18.702 ug/ml
18) T n-Dotriacontane (C32)	18.473	2753773	18.748 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2687588	19.258 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2542112	19.318 ug/ml
21) T n-Octatriacontane (C38)	20.690	2500071	19.428 ug/ml
22) T n-Tetracontane (C40)	21.552	2477015	19.439 ug/ml

(f)=RT Delta > 1/2 Window

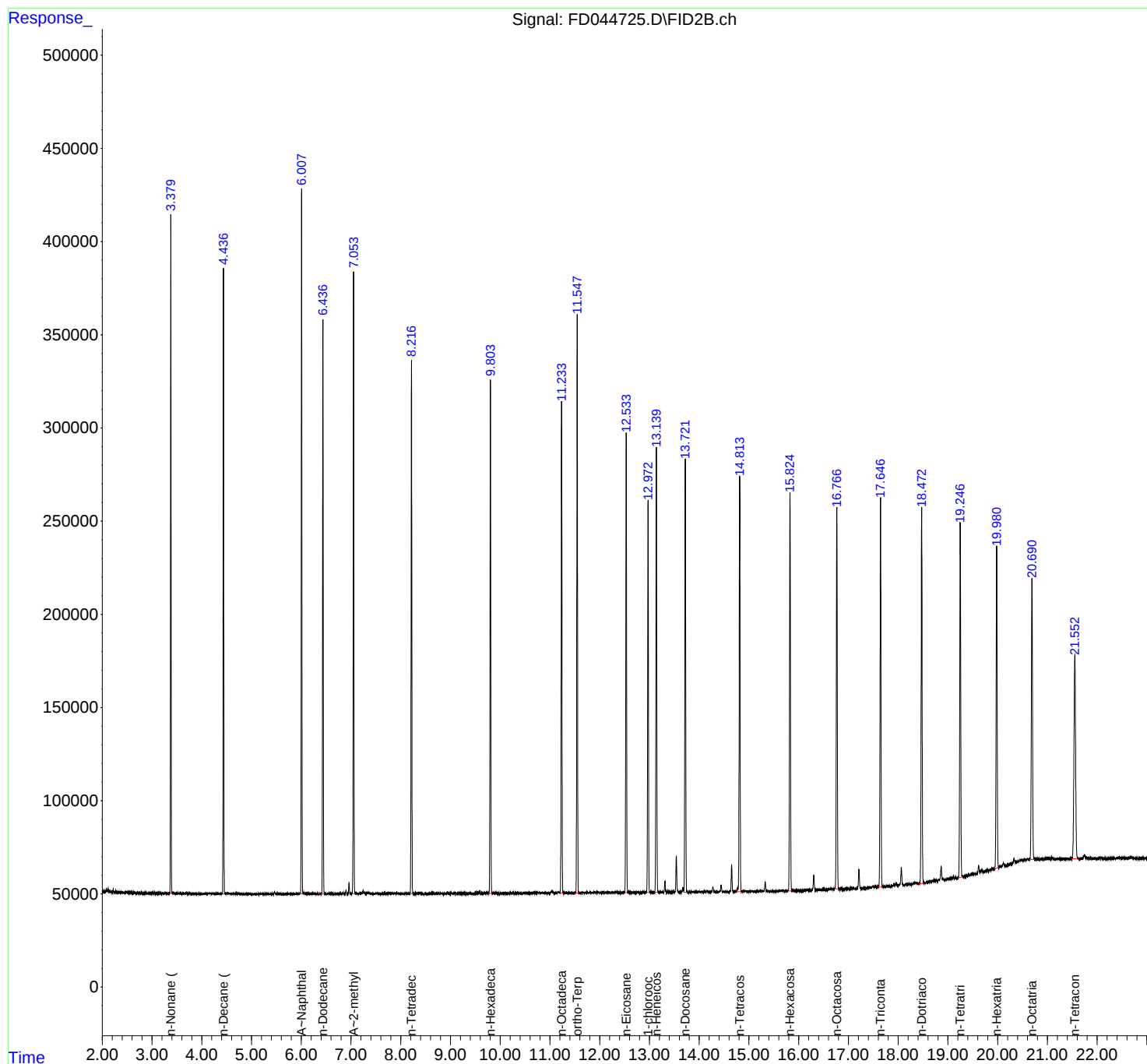
(m)=manual int.

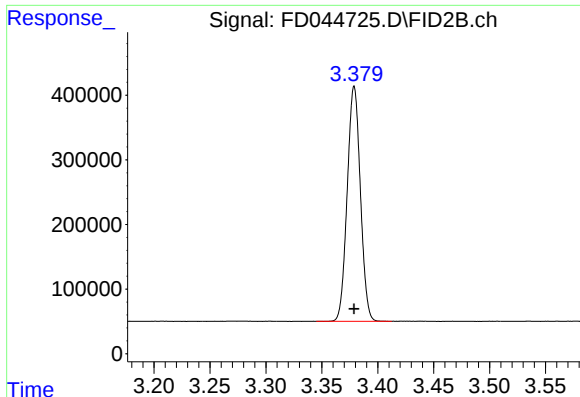
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#1 n-Nonane (C9)

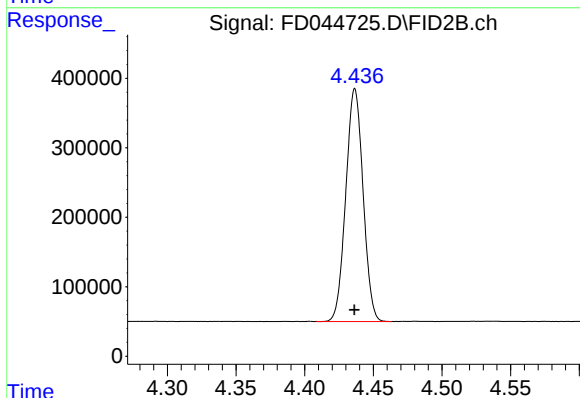
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2986335
Conc: 19.90 ug/ml

Instrument :

FID_D

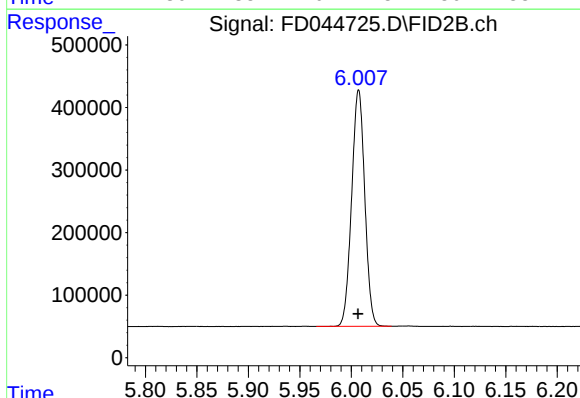
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



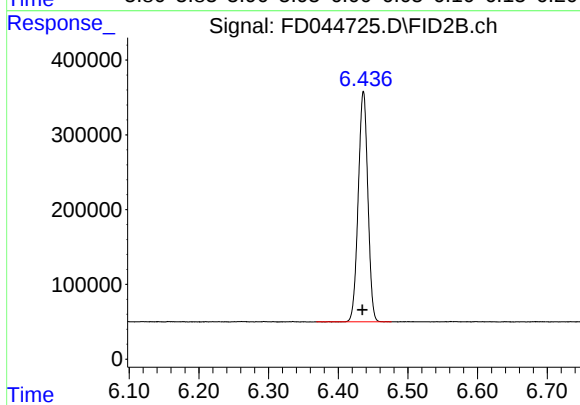
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2937173
Conc: 19.89 ug/ml



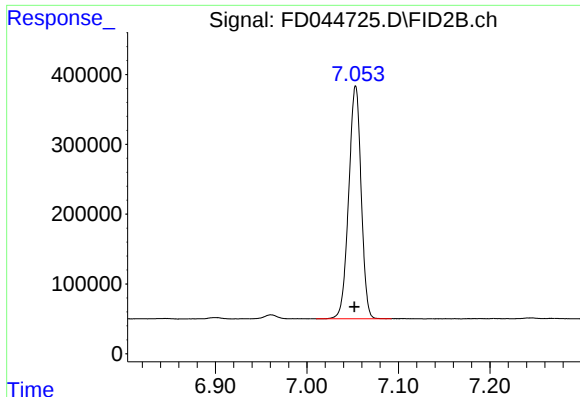
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 3350003
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 2947051
Conc: 19.89 ug/ml



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

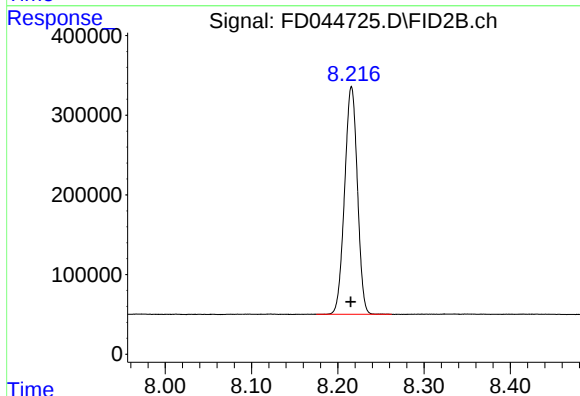
R.T.: 7.053 min
Delta R.T.: 0.001 min
Response: 3147050
Conc: 19.86 ug/ml

Instrument :

FID_D

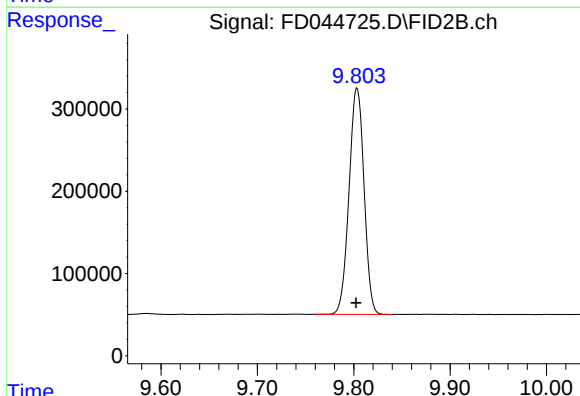
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



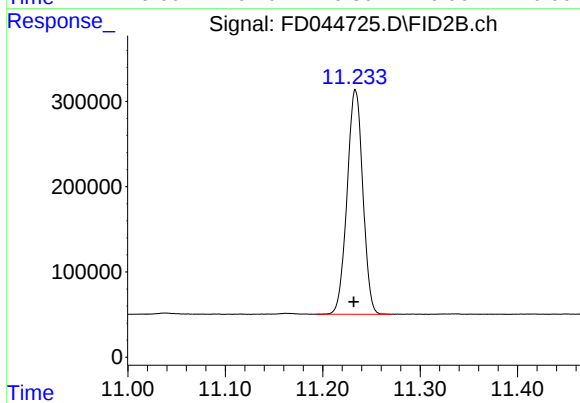
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 2939375
Conc: 19.88 ug/ml



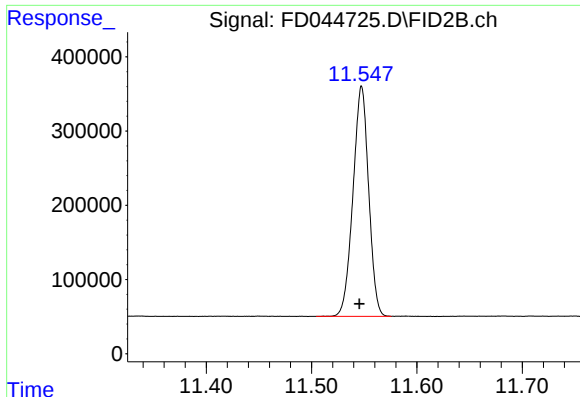
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2965278
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

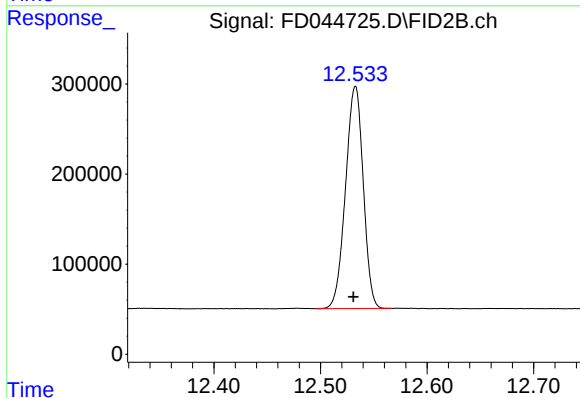
R.T.: 11.234 min
Delta R.T.: 0.002 min
Response: 2954960
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

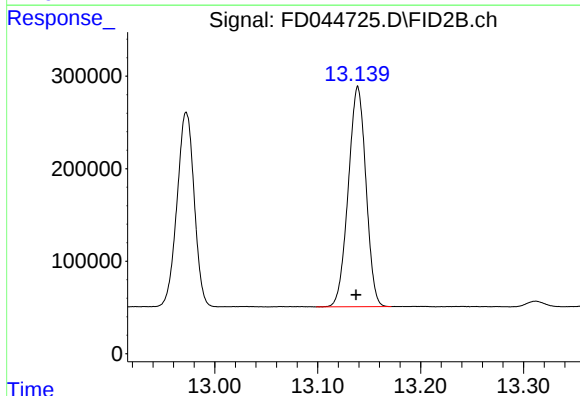
R.T.: 11.548 min
Delta R.T.: 0.002 min
Response: 3201422
Conc: 19.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



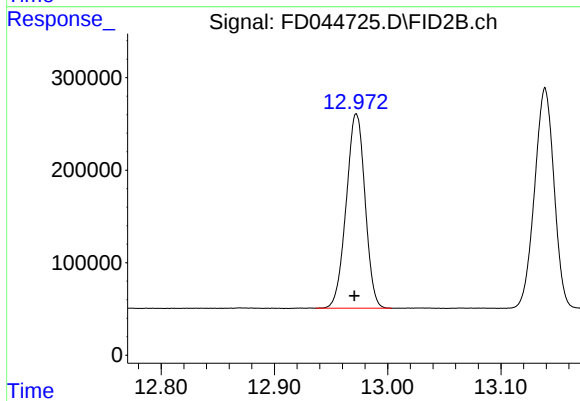
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: 0.002 min
Response: 2850176
Conc: 19.78 ug/ml



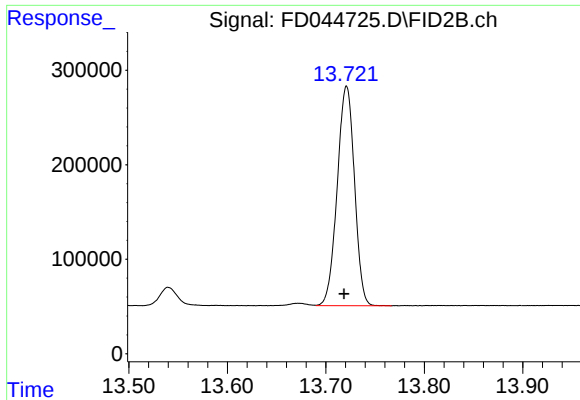
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.002 min
Response: 2836634
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

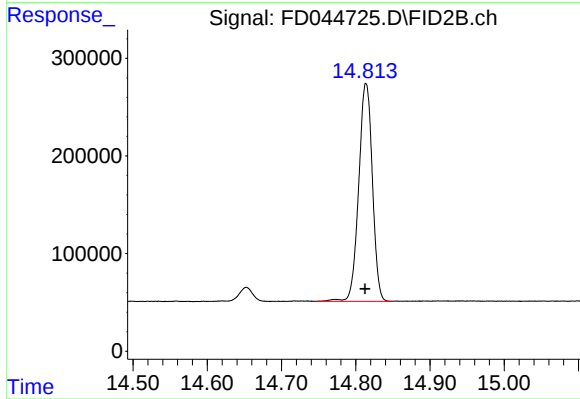
R.T.: 12.972 min
Delta R.T.: 0.002 min
Response: 2431430
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

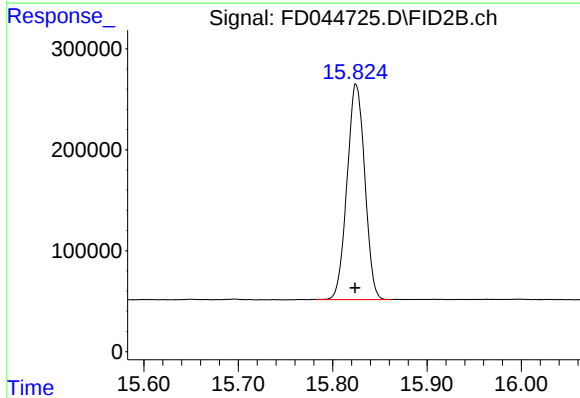
R.T.: 13.721 min
Delta R.T.: 0.003 min
Response: 2831183
Conc: 19.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



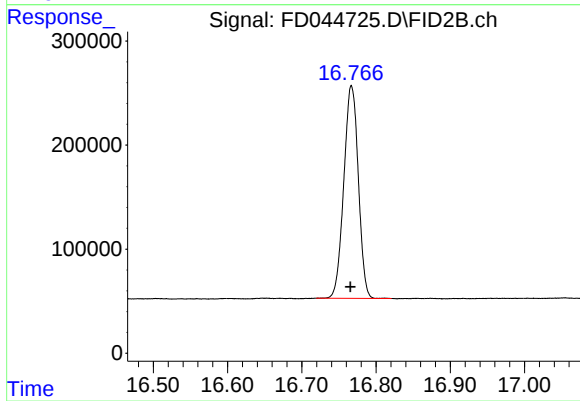
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.001 min
Response: 2853732
Conc: 19.36 ug/ml



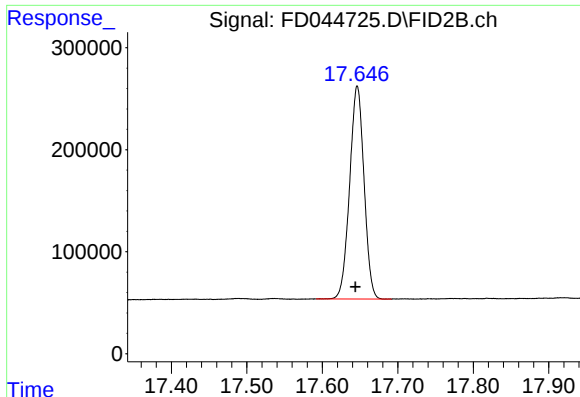
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 2793541
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

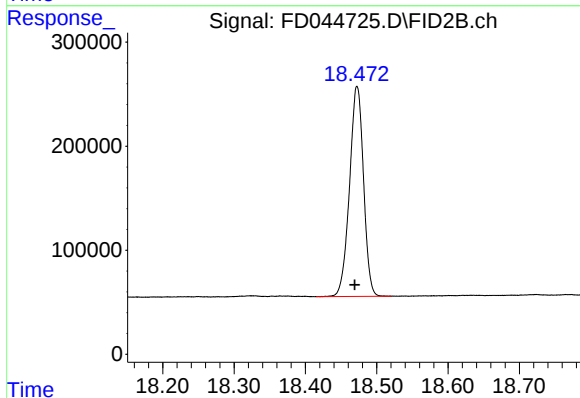
R.T.: 16.767 min
Delta R.T.: 0.001 min
Response: 2777255
Conc: 18.58 ug/ml



#17 n-Tricontane (C30)

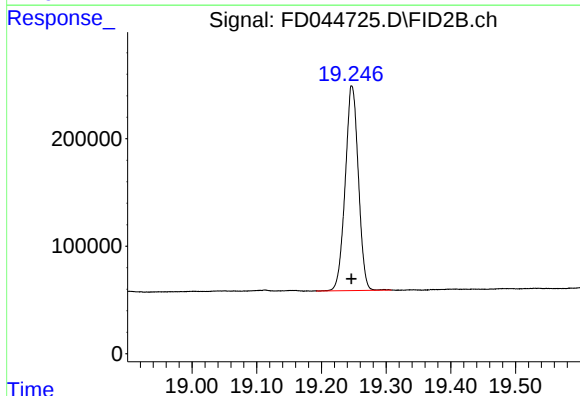
R.T.: 17.646 min
Delta R.T.: 0.003 min
Response: 2766023
Conc: 18.70 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



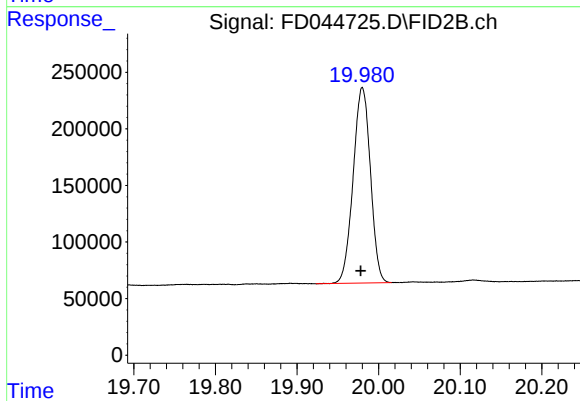
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.003 min
Response: 2753773
Conc: 18.75 ug/ml



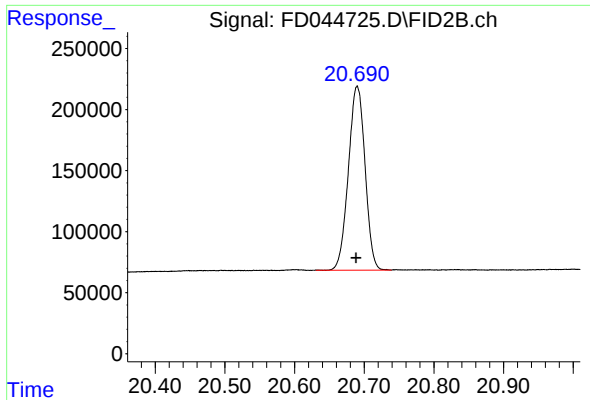
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 2687588
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

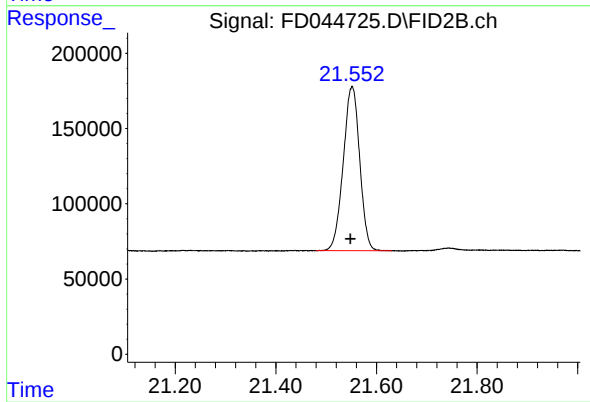
R.T.: 19.980 min
Delta R.T.: 0.002 min
Response: 2542112
Conc: 19.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.002 min
Response: 2500071
Conc: 19.43 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.003 min
Response: 2477015
Conc: 19.44 ug/ml