

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047125.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 12:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 09 13:30:24 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)	11.358	3762988	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	12.795	2907448	20.229 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.200	3210527	20.213 ug/ml
2) T n-Decane (C10)	4.252	3277695	20.287 ug/ml
3) T A~Naphthalene (C11.7)	5.809	3567291	20.198 ug/ml
4) T n-Dodecane (C12)	6.252	3321624	20.239 ug/ml
5) T A~2-methylnaphthalene...	6.856	3484243	20.506 ug/ml
6) T n-Tetradecane (C14)	8.035	3324273	20.239 ug/ml
7) T n-Hexadecane (C16)	9.625	3451972	20.247 ug/ml
8) T n-Octadecane (C18)	11.057	3532221	20.292 ug/ml
10) T n-Eicosane (C20)	12.356	3433705	20.246 ug/ml
11) T n-Heneicosane (C21)	12.964	3404144	20.300 ug/ml
13) T n-Docosane (C22)	13.547	3392193	20.285 ug/ml
14) T n-Tetracosane (C24)	14.640	3398028	20.368 ug/ml
15) T n-Hexacosane (C26)	15.653	3352455	20.482 ug/ml
16) T n-Octacosane (C28)	16.596	3251032	20.487 ug/ml
17) T n-Tricontane (C30)	17.475	3255408	20.554 ug/ml
18) T n-Dotriacontane (C32)	18.300	3110955	20.604 ug/ml
19) T n-Tetratriacontane (C34)	19.077	2932193	20.451 ug/ml
20) T n-Hexatriacontane (C36)	19.810	2727807	20.450 ug/ml
21) T n-Octatriacontane (C38)	20.509	2599098	20.347 ug/ml
22) T n-Tetracontane (C40)	21.314	2458908	20.552 ug/ml

(f)=RT Delta > 1/2 Window

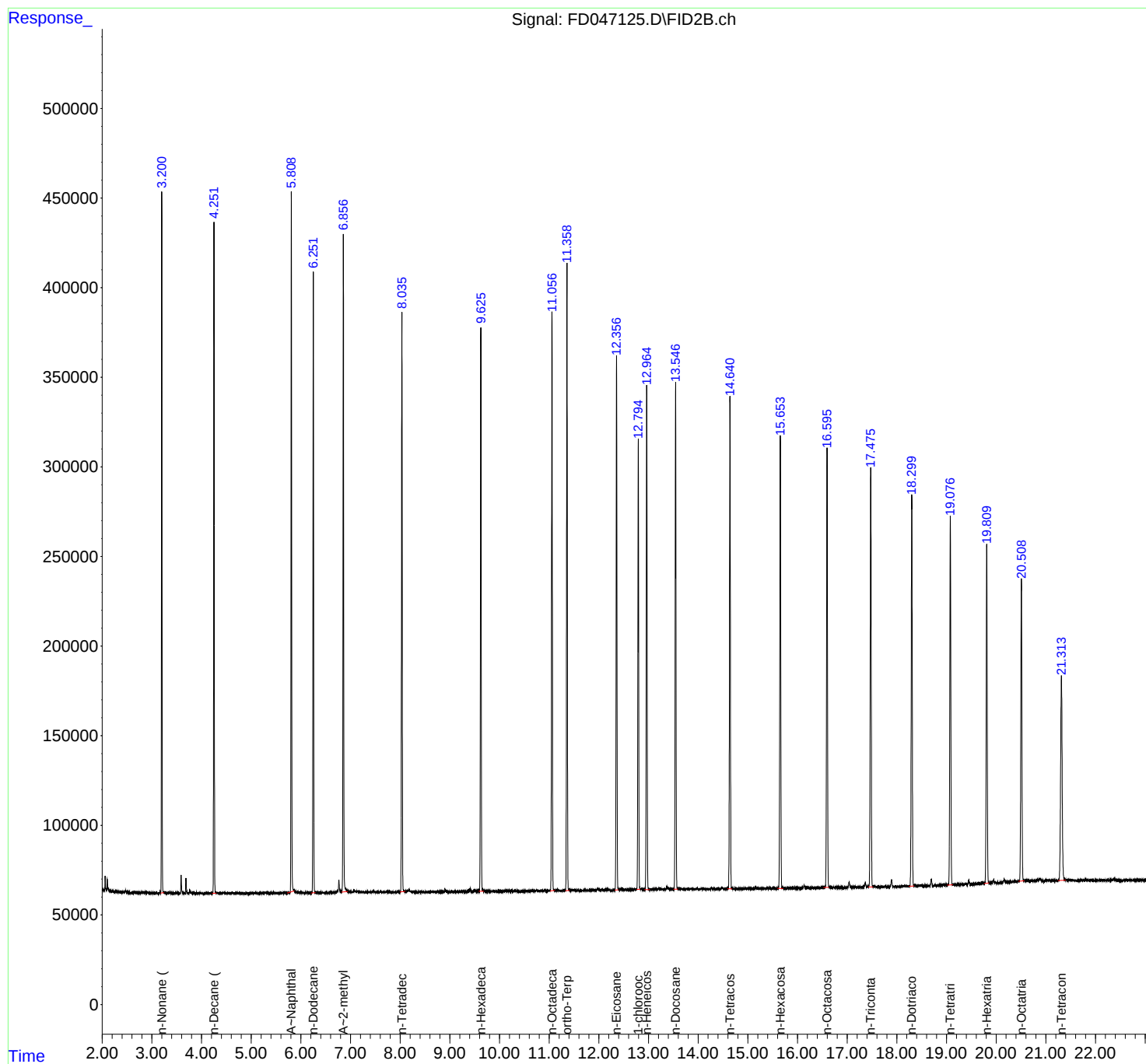
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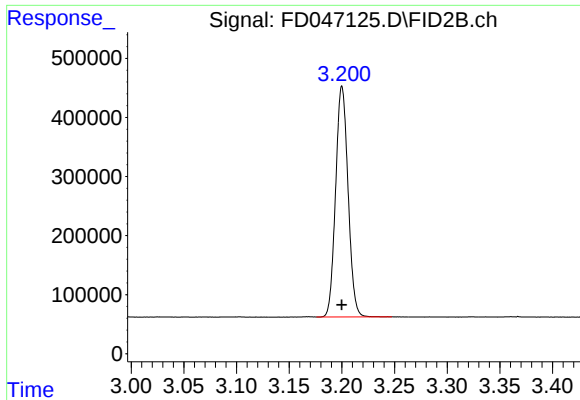
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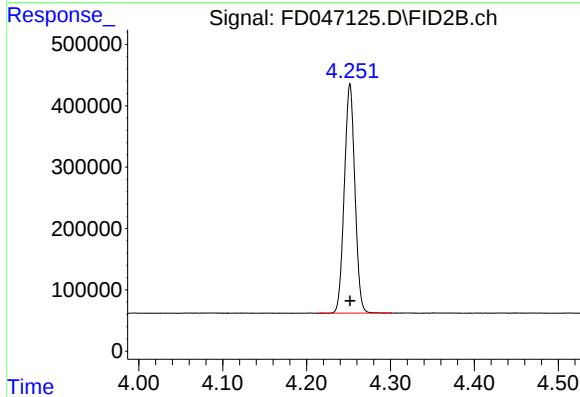




#1 n-Nonane (C9)

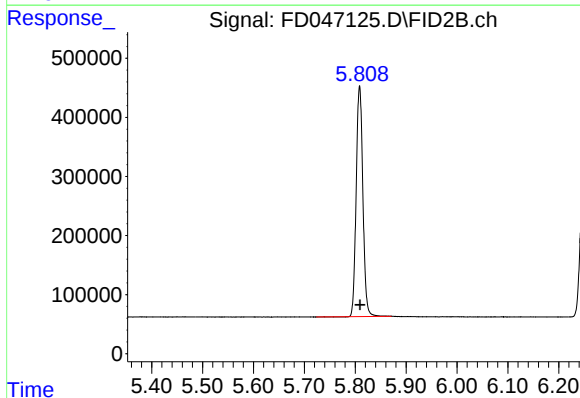
R.T.: 3.200 min
Delta R.T.: 0.000 min
Response: 3210527
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



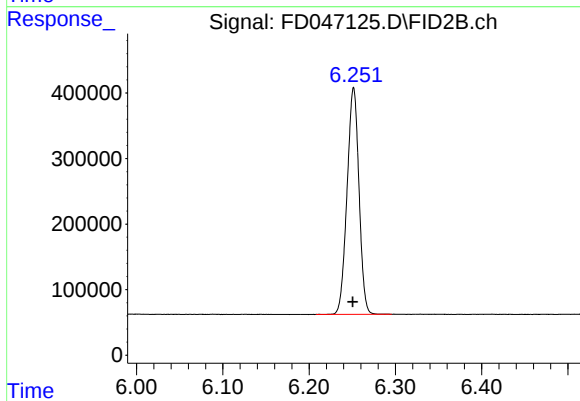
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 3277695
Conc: 20.29 ug/ml



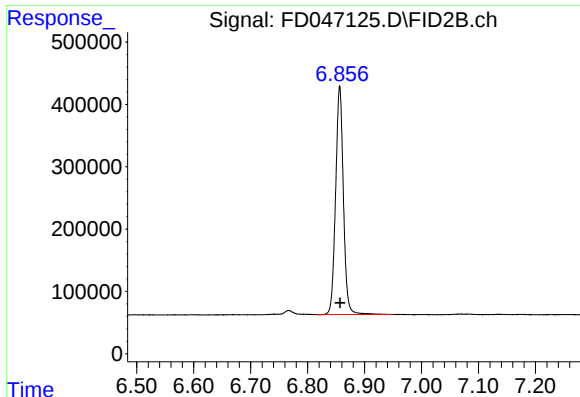
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3567291
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

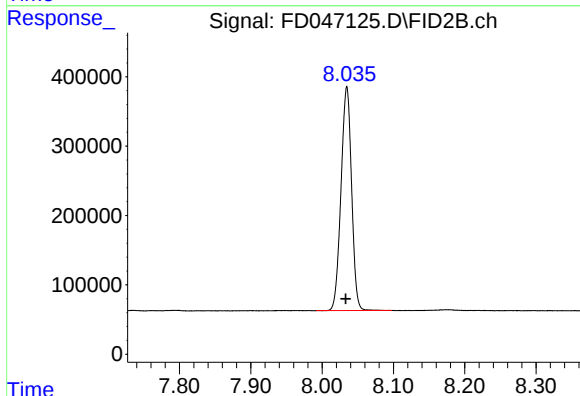
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 3321624
Conc: 20.24 ug/ml



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

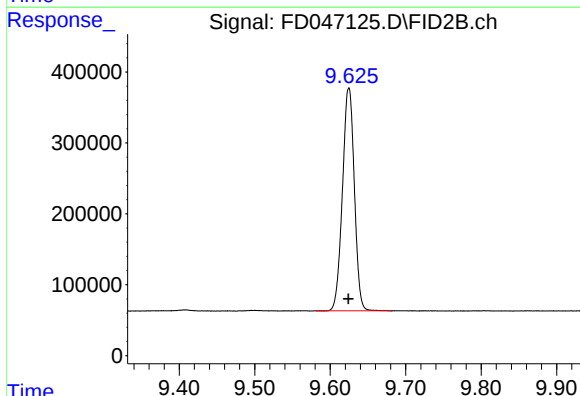
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 3484243
Conc: 20.51 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



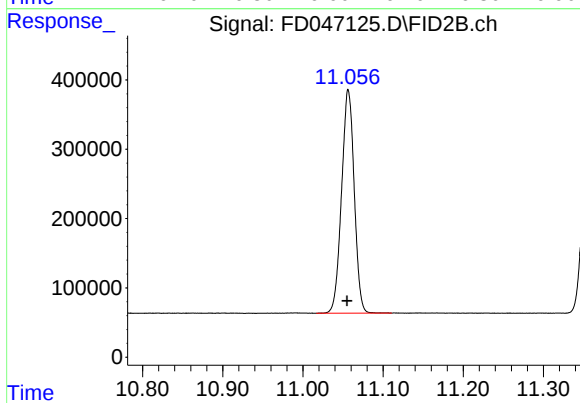
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: 0.001 min
Response: 3324273
Conc: 20.24 ug/ml



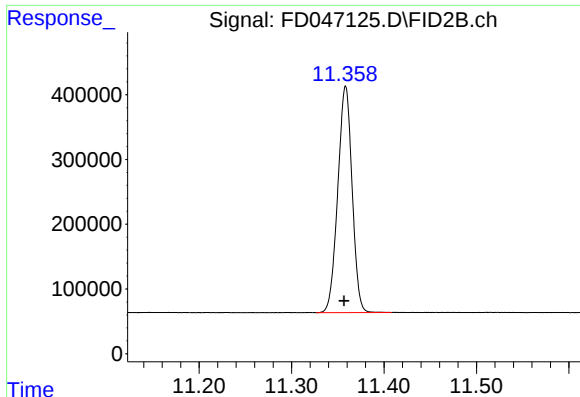
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 3451972
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

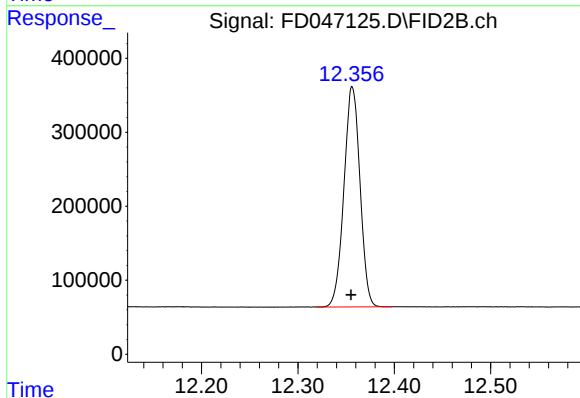
R.T.: 11.057 min
Delta R.T.: 0.002 min
Response: 3532221
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

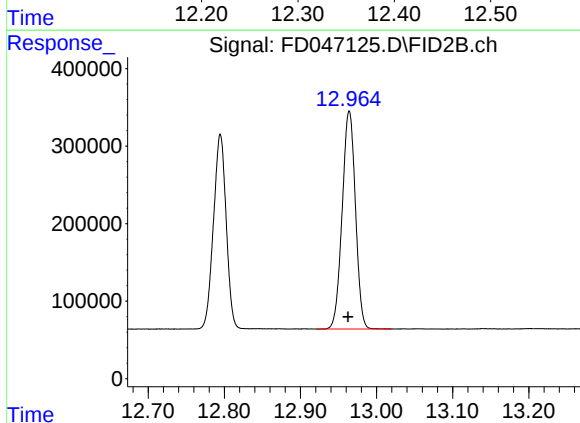
R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 3762988
Conc: 20.24 ug/ml

Instrument :
FID_D
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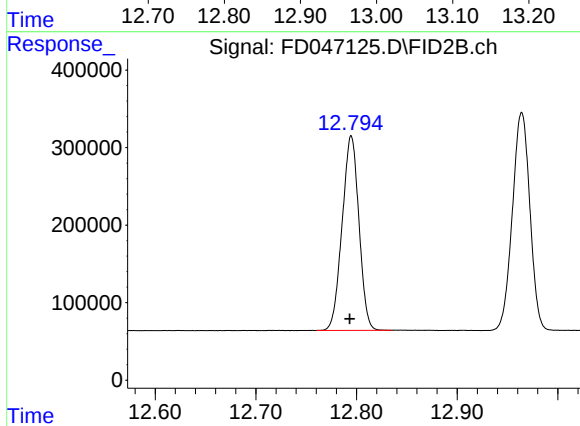
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.001 min
Response: 3433705
Conc: 20.25 ug/ml



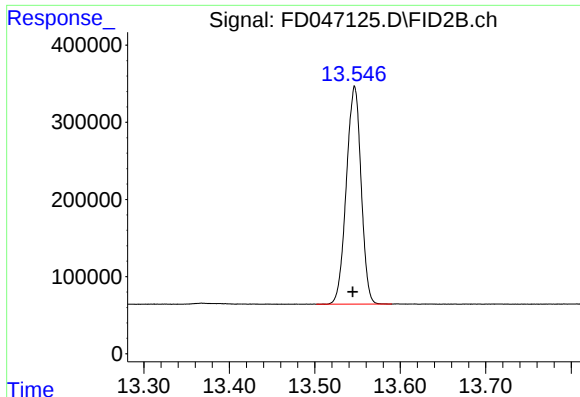
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: 0.002 min
Response: 3404144
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: 0.002 min
Response: 2907448
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

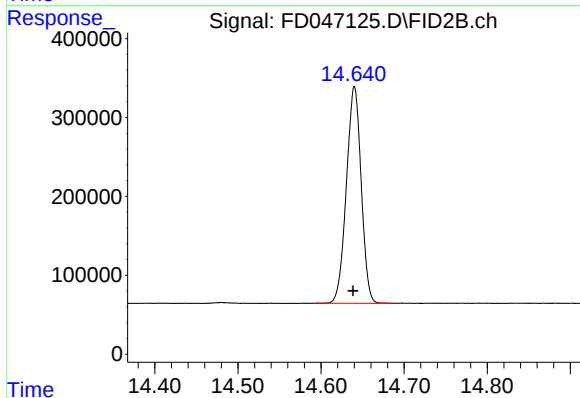
R.T.: 13.547 min
Delta R.T.: 0.002 min
Response: 3392193
Conc: 20.29 ug/ml

Instrument :

FID_D

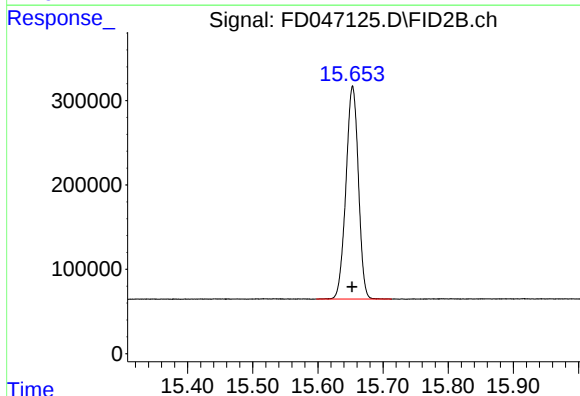
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



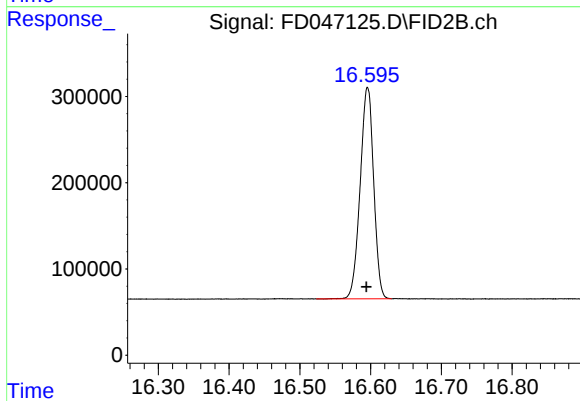
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: 0.002 min
Response: 3398028
Conc: 20.37 ug/ml



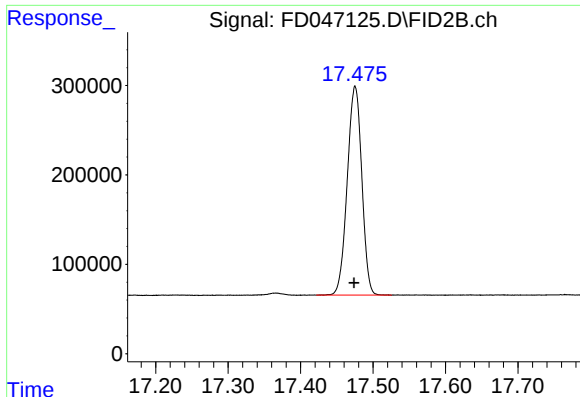
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.000 min
Response: 3352455
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 3251032
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

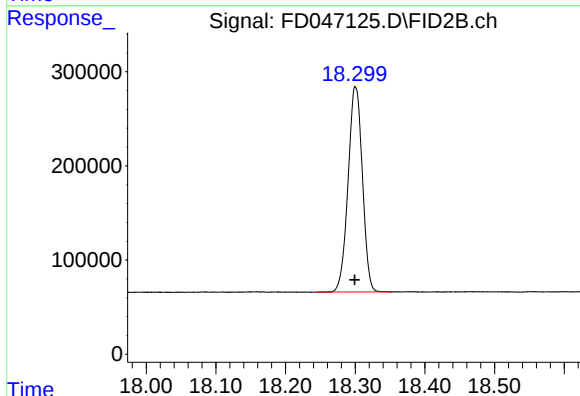
R.T.: 17.475 min
Delta R.T.: 0.001 min
Response: 3255408
Conc: 20.55 ug/ml

Instrument :

FID_D

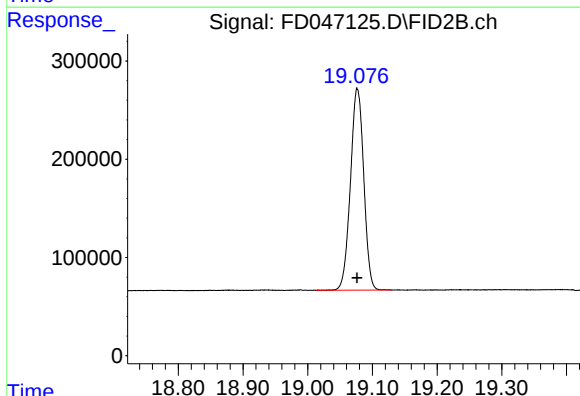
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



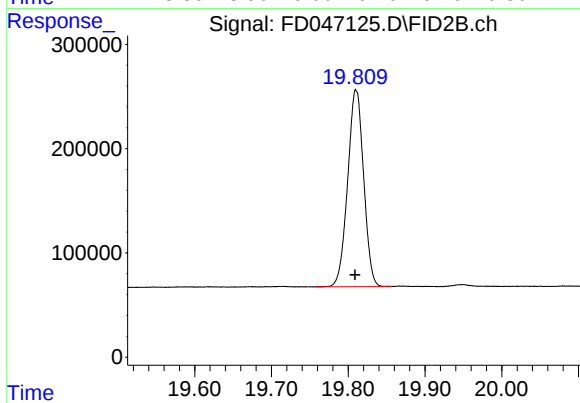
#18 n-Dotriacontane (C32)

R.T.: 18.300 min
Delta R.T.: 0.000 min
Response: 3110955
Conc: 20.60 ug/ml



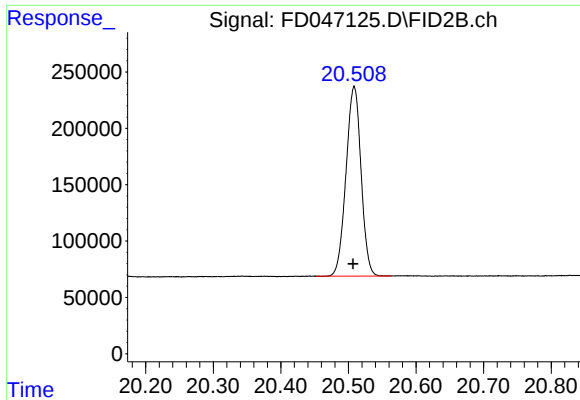
#19 n-Tetratriacontane (C34)

R.T.: 19.077 min
Delta R.T.: 0.000 min
Response: 2932193
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

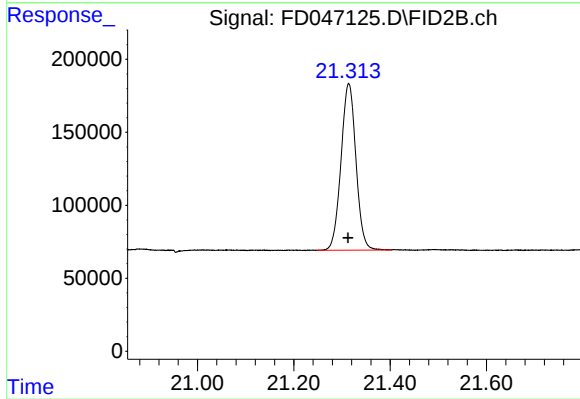
R.T.: 19.810 min
Delta R.T.: 0.001 min
Response: 2727807
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.509 min
Delta R.T.: 0.002 min
Response: 2599098
Conc: 20.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: 0.001 min
Response: 2458908
Conc: 20.55 ug/ml