

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048136.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 12:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 02 14:08:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 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)	11.292	3977480	19.790 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.734	3038853	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.147	3557075	19.743 ug/ml
2) T n-Decane (C10)	4.193	3650883	19.703 ug/ml
3) T A~Naphthalene (C11.7)	5.742	3954352	19.760 ug/ml
4) T n-Dodecane (C12)	6.188	3705754	19.769 ug/ml
5) T A~2-methylnaphthalene...	6.789	3798865	19.889 ug/ml
6) T n-Tetradecane (C14)	7.970	3679452	19.752 ug/ml
7) T n-Hexadecane (C16)	9.561	3767457	19.838 ug/ml
8) T n-Octadecane (C18)	10.994	3815462	19.882 ug/ml
10) T n-Eicosane (C20)	12.296	3664034	19.934 ug/ml
11) T n-Heneicosane (C21)	12.904	3591511	19.884 ug/ml
13) T n-Docosane (C22)	13.487	3593901	20.128 ug/ml
14) T n-Tetracosane (C24)	14.584	3608630	20.446 ug/ml
15) T n-Hexacosane (C26)	15.599	3504873	20.540 ug/ml
16) T n-Octacosane (C28)	16.544	3424750	20.775 ug/ml
17) T n-Tricontane (C30)	17.427	3441818	20.836 ug/ml
18) T n-Dotriacontane (C32)	18.256	3262440	20.578 ug/ml
19) T n-Tetratriacontane (C34)	19.035	3056842	20.285 ug/ml
20) T n-Hexatriacontane (C36)	19.769	2837703	19.982 ug/ml
21) T n-Octatriacontane (C38)	20.468	2736221	19.774 ug/ml
22) T n-Tetracontane (C40)	21.258	2624750	19.801 ug/ml

(f)=RT Delta > 1/2 Window

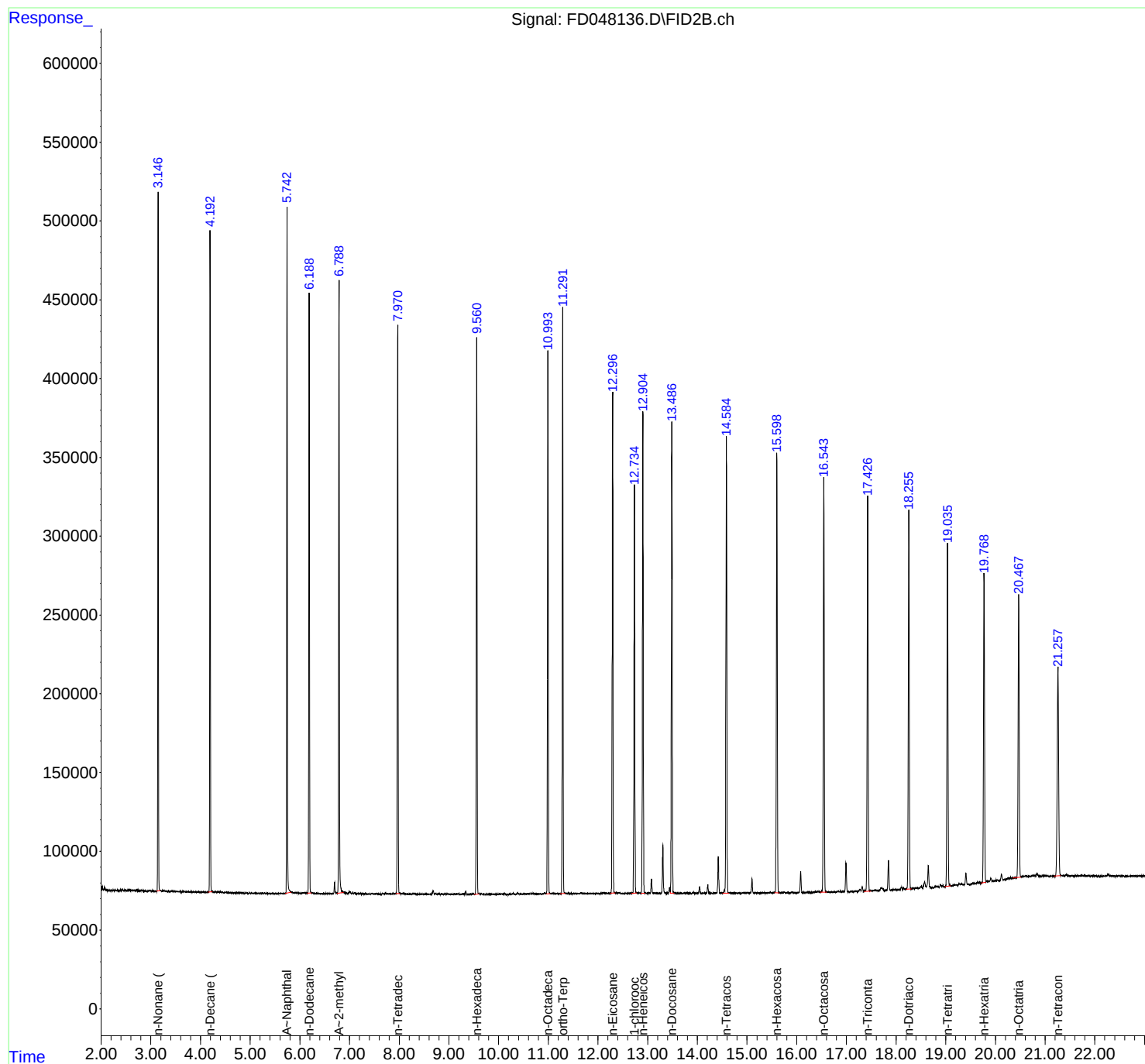
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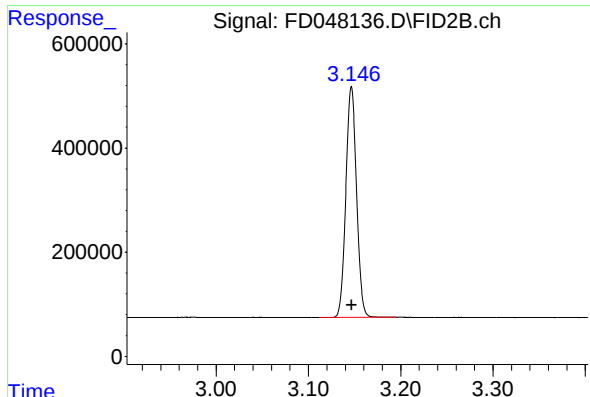
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#1 n-Nonane (C9)

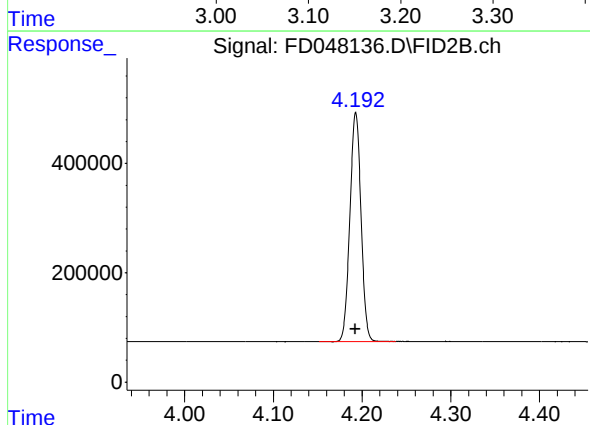
R.T.: 3.147 min
Delta R.T.: 0.000 min
Response: 3557075
Conc: 19.74 ug/ml

Instrument :

FID_D

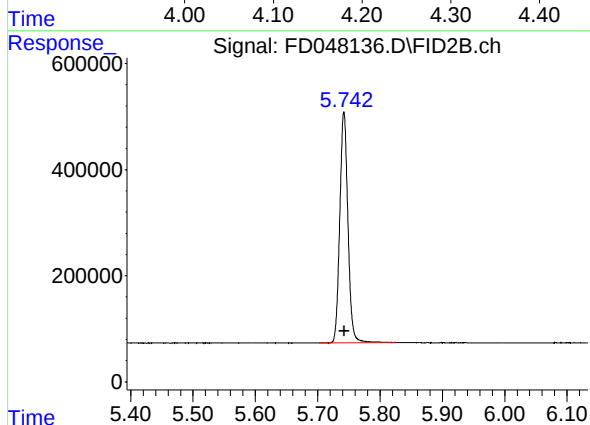
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



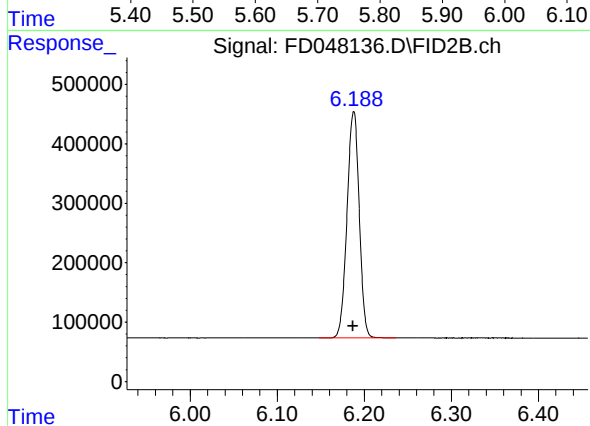
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 3650883
Conc: 19.70 ug/ml



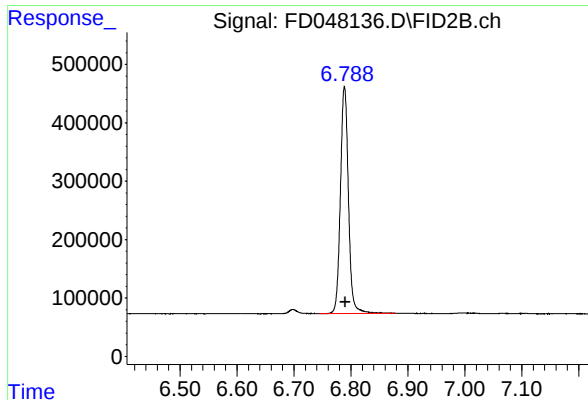
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 3954352
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.001 min
Response: 3705754
Conc: 19.77 ug/ml



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

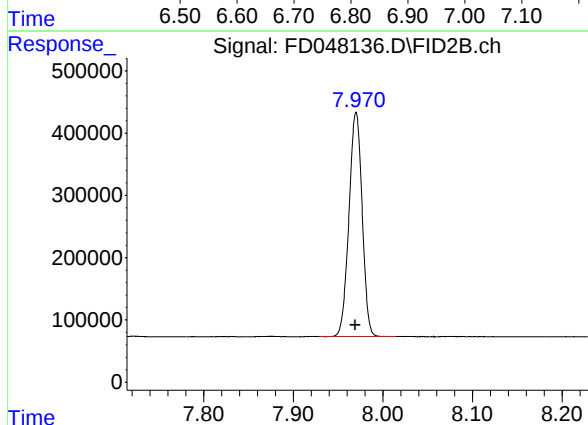
R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 3798865
Conc: 19.89 ug/ml

Instrument :

FID_D

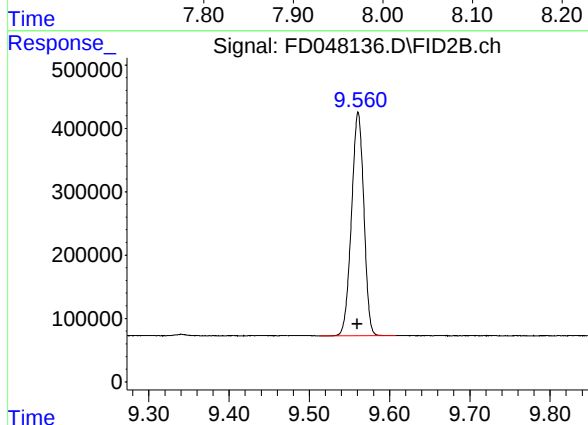
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



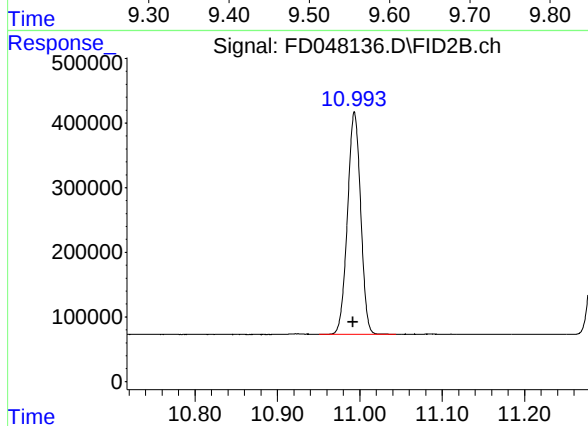
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 3679452
Conc: 19.75 ug/ml



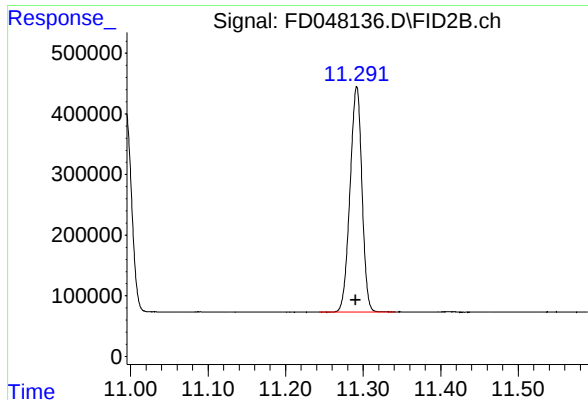
#7 n-Hexadecane (C16)

R.T.: 9.561 min
Delta R.T.: 0.001 min
Response: 3767457
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

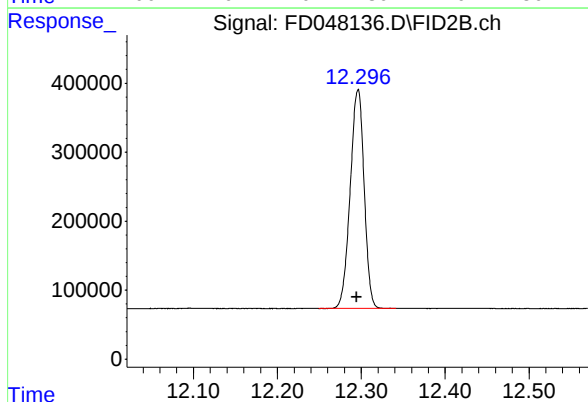
R.T.: 10.994 min
Delta R.T.: 0.002 min
Response: 3815462
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

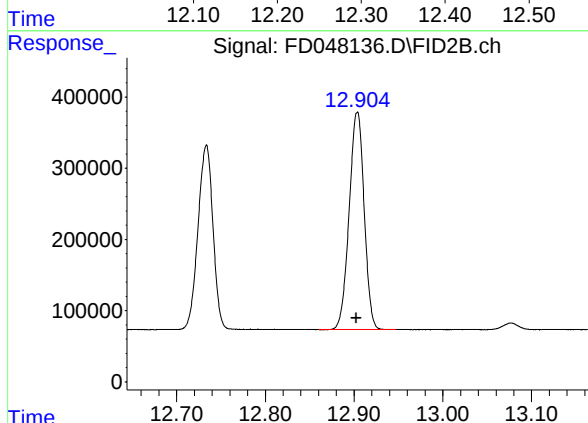
R.T.: 11.292 min
Delta R.T.: 0.002 min
Response: 3977480
Conc: 19.79 ug/ml

Instrument :
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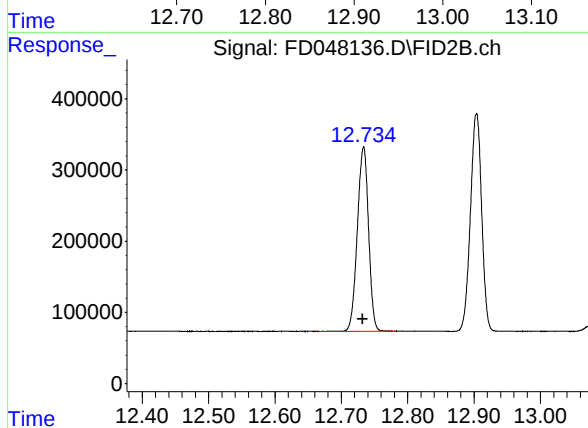
#10 n-Eicosane (C20)

R.T.: 12.296 min
Delta R.T.: 0.002 min
Response: 3664034
Conc: 19.93 ug/ml



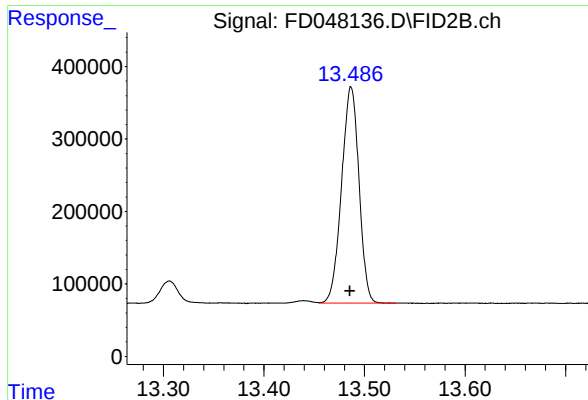
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: 0.001 min
Response: 3591511
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.734 min
Delta R.T.: 0.002 min
Response: 3038853
Conc: 19.90 ug/ml



#13 n-Docosane (C22)

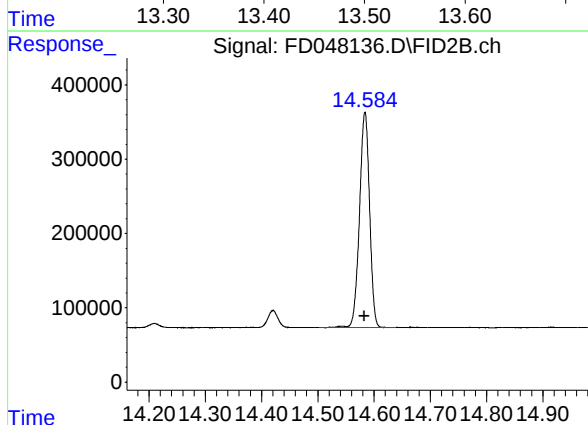
R.T.: 13.487 min
Delta R.T.: 0.001 min
Response: 3593901
Conc: 20.13 ug/ml

Instrument :

FID_D

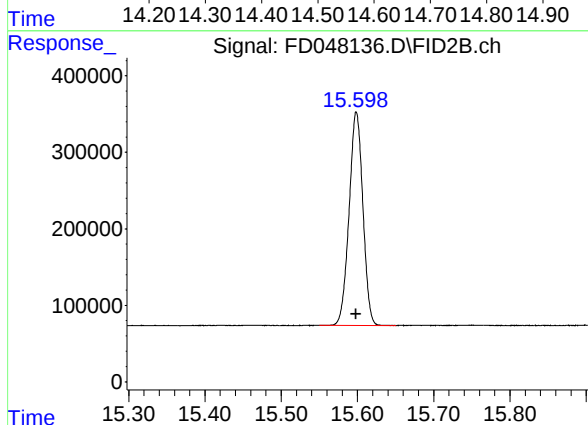
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



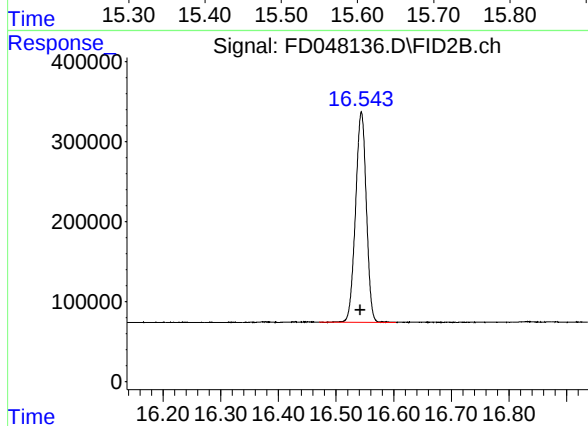
#14 n-Tetracosane (C24)

R.T.: 14.584 min
Delta R.T.: 0.002 min
Response: 3608630
Conc: 20.45 ug/ml



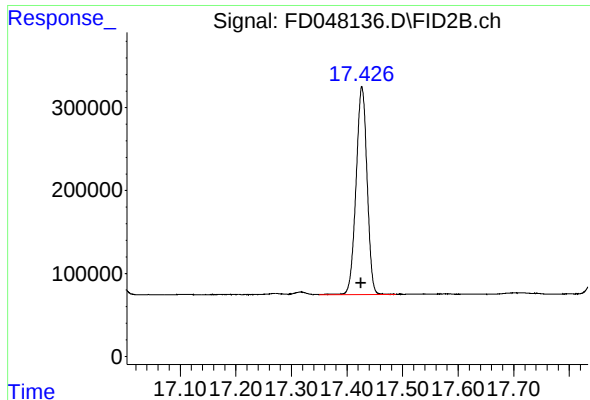
#15 n-Hexacosane (C26)

R.T.: 15.599 min
Delta R.T.: 0.000 min
Response: 3504873
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.544 min
Delta R.T.: 0.002 min
Response: 3424750
Conc: 20.77 ug/ml



#17 n-Tricontane (C30)

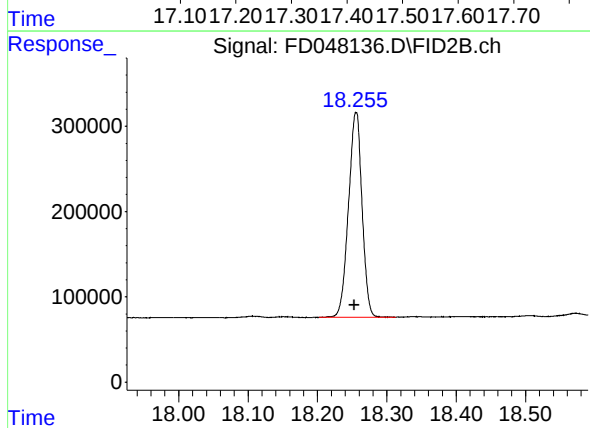
R.T.: 17.427 min
Delta R.T.: 0.001 min
Response: 3441818
Conc: 20.84 ug/ml

Instrument :

FID_D

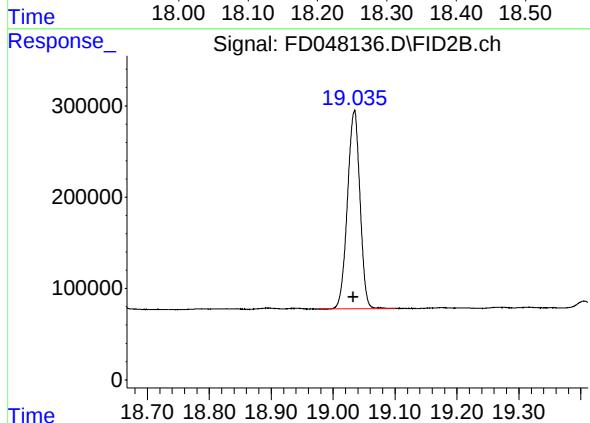
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



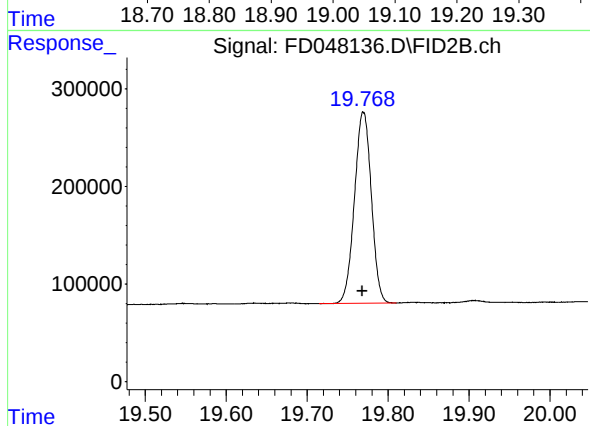
#18 n-Dotriacontane (C32)

R.T.: 18.256 min
Delta R.T.: 0.003 min
Response: 3262440
Conc: 20.58 ug/ml



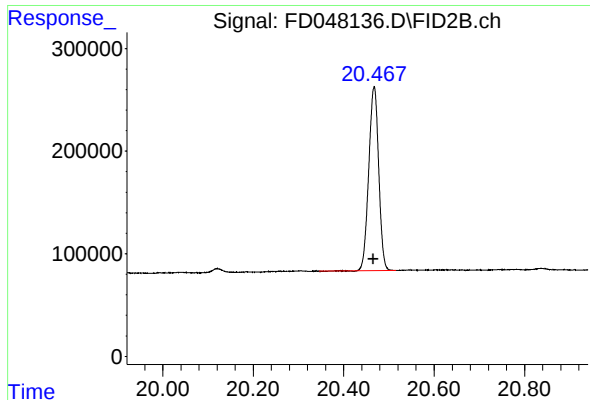
#19 n-Tetatriacontane (C34)

R.T.: 19.035 min
Delta R.T.: 0.002 min
Response: 3056842
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.769 min
Delta R.T.: 0.001 min
Response: 2837703
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

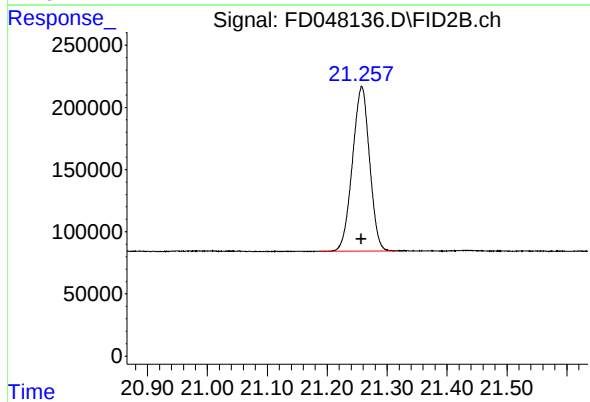
R.T.: 20.468 min
Delta R.T.: 0.002 min
Response: 2736221
Conc: 19.77 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.258 min
Delta R.T.: 0.000 min
Response: 2624750
Conc: 19.80 ug/ml