

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015542.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 25 17:37:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:05:42 2025
 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)	11.933	3158461	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.370	2420667	20.457 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.311	2507161	20.111 ug/ml
2) T n-Decane (C10)	4.567	2533957	20.208 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2677990	20.896 ug/ml
4) T n-Dodecane (C12)	6.734	2585893	20.331 ug/ml
5) T A~2-methylnaphthalene...	7.370	2514418	21.339 ug/ml
6) T n-Tetradecane (C14)	8.561	2562910	20.403 ug/ml
7) T n-Hexadecane (C16)	10.168	2680777	20.530 ug/ml
8) T n-Octadecane (C18)	11.612	2797174	20.355 ug/ml
10) T n-Eicosane (C20)	12.923	2800526	20.244 ug/ml
11) T n-Heneicosane (C21)	13.536	2804471	20.187 ug/ml
13) T n-Docosane (C22)	14.123	2793458	20.197 ug/ml
14) T n-Tetracosane (C24)	15.228	2845845	20.076 ug/ml
15) T n-Hexacosane (C26)	16.250	2816945	19.829 ug/ml
16) T n-Octacosane (C28)	17.201	2819865	19.918 ug/ml
17) T n-Tricontane (C30)	18.090	2869309	19.649 ug/ml
18) T n-Dotriacontane (C32)	18.924	3091862	21.592 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2488219	19.678 ug/ml
20) T n-Hexatriacontane (C36)	20.449	2118613	19.944 ug/ml
21) T n-Octatriacontane (C38)	21.187	1855354	20.540 ug/ml
22) T n-Tetracontane (C40)	22.103	1888119	24.350 ug/ml

(f)=RT Delta > 1/2 Window

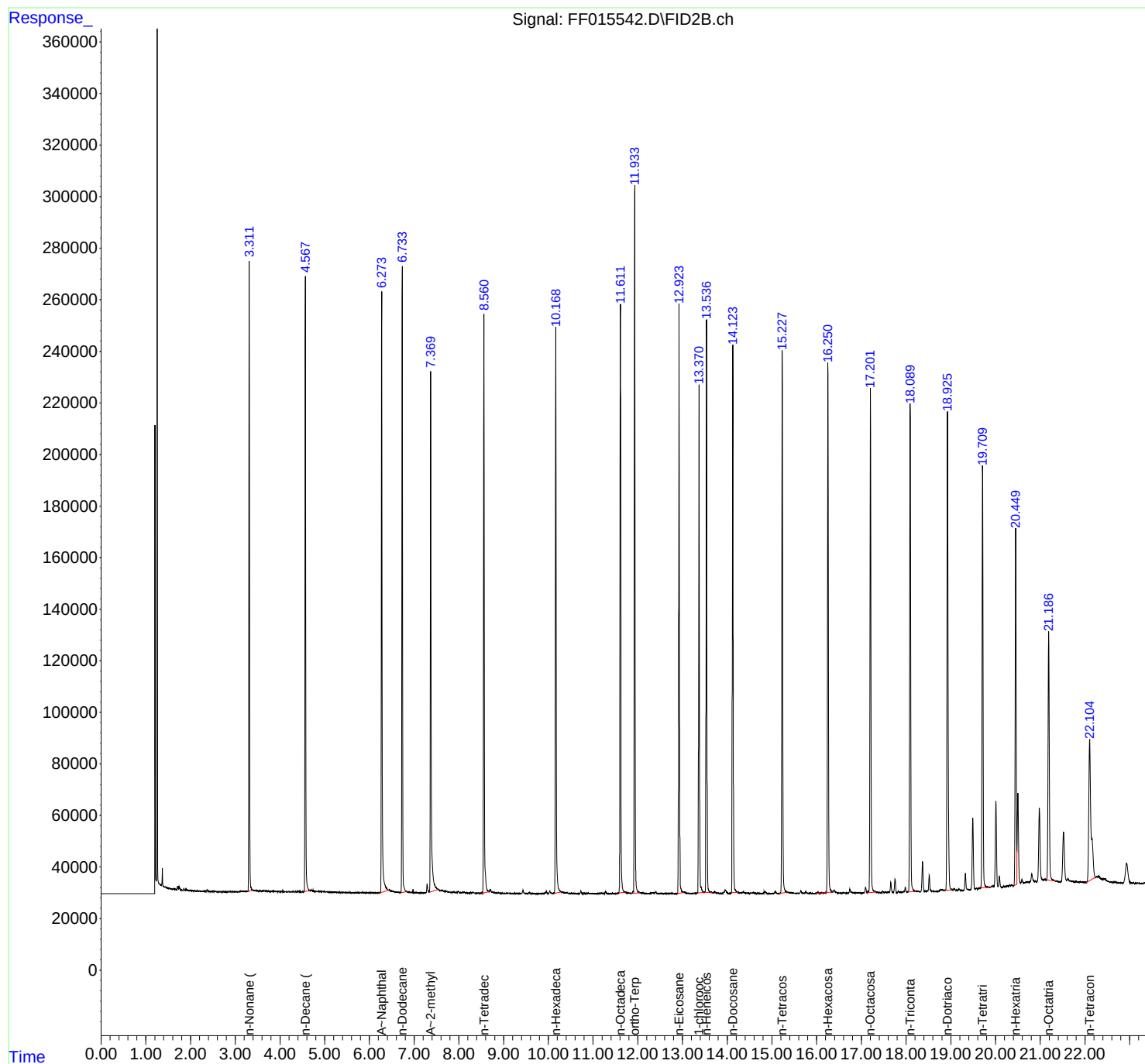
(m)=manual int.

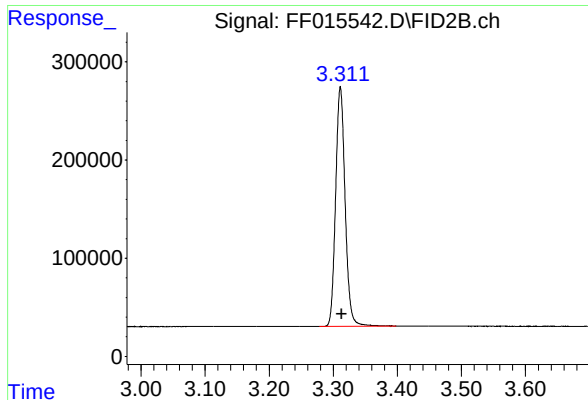
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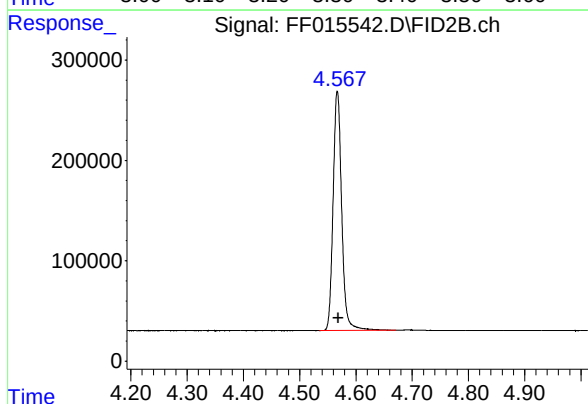




#1 n-Nonane (C9)

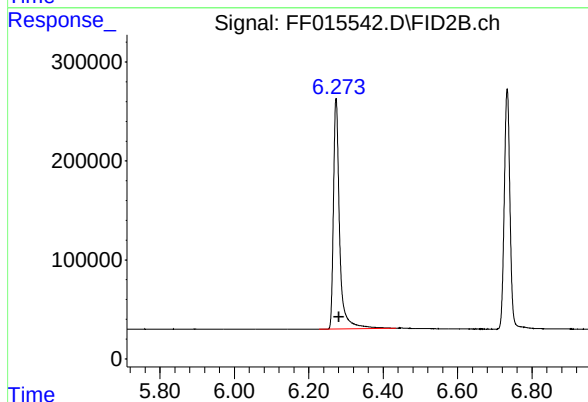
R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2507161
Conc: 20.11 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



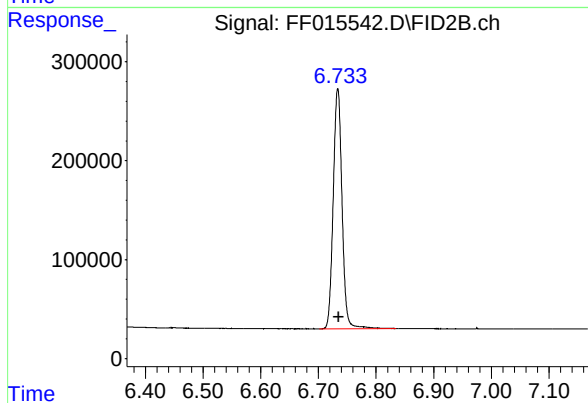
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 2533957
Conc: 20.21 ug/ml



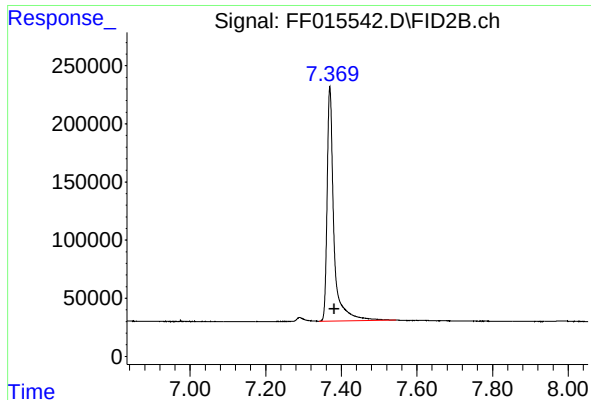
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 2677990
Conc: 20.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 2585893
Conc: 20.33 ug/ml



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

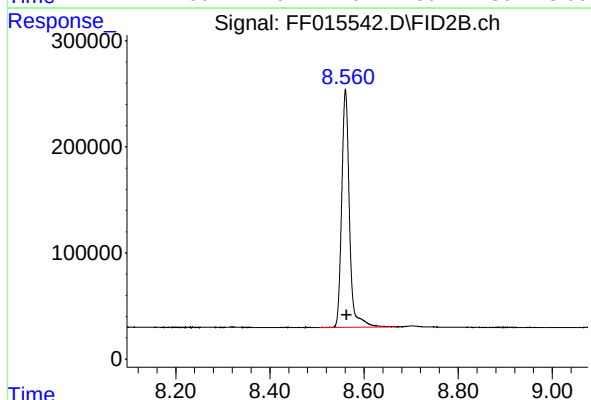
R.T.: 7.370 min
Delta R.T.: -0.012 min
Response: 2514418
Conc: 21.34 ug/ml

Instrument :

FID_F

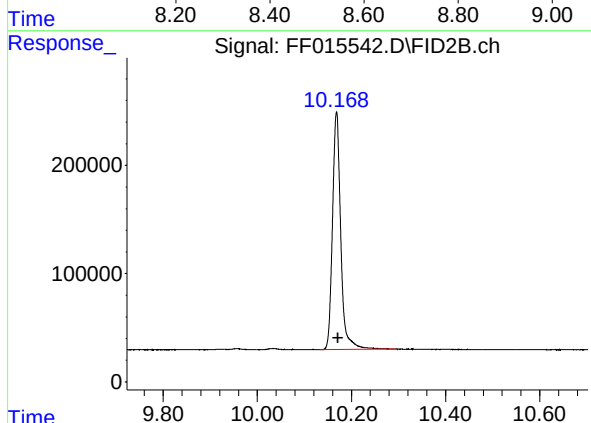
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



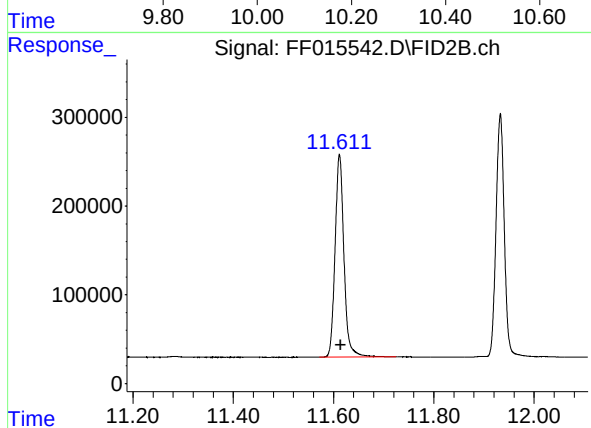
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 2562910
Conc: 20.40 ug/ml



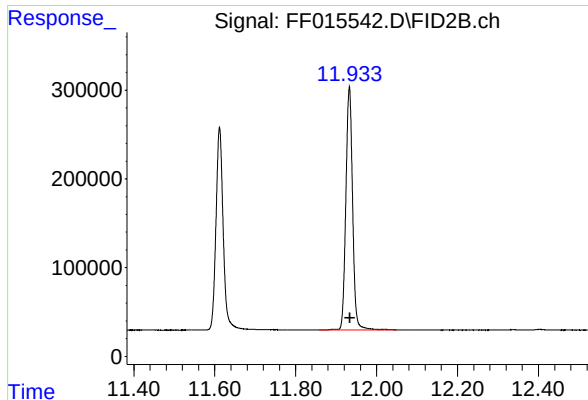
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.003 min
Response: 2680777
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.002 min
Response: 2797174
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

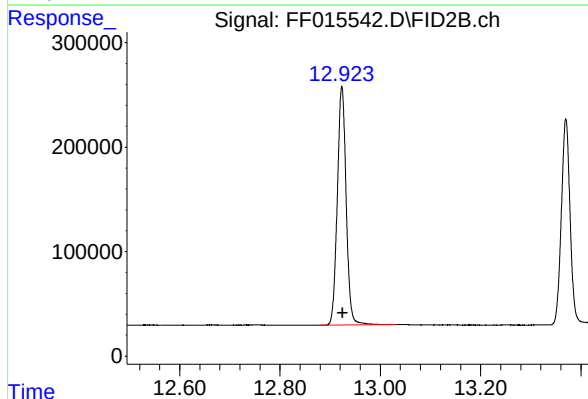
R.T.: 11.933 min
Delta R.T.: -0.002 min
Response: 3158461
Conc: 20.21 ug/ml

Instrument :

FID_F

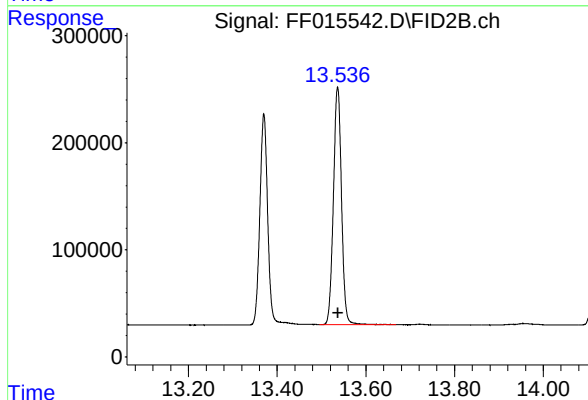
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



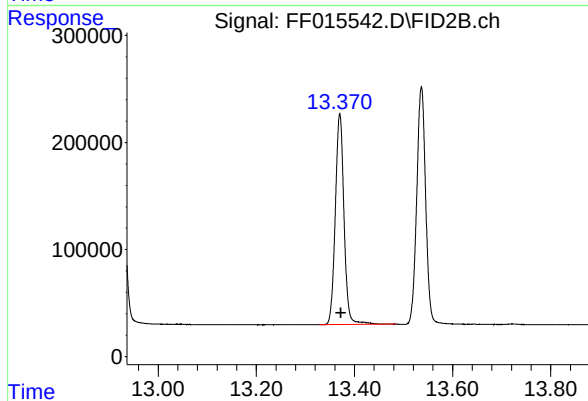
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.002 min
Response: 2800526
Conc: 20.24 ug/ml



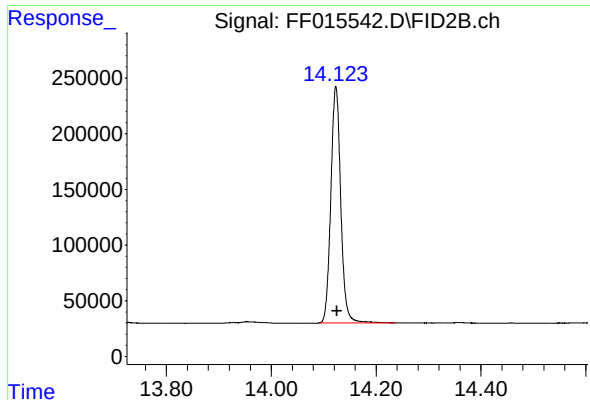
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 2804471
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.002 min
Response: 2420667
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

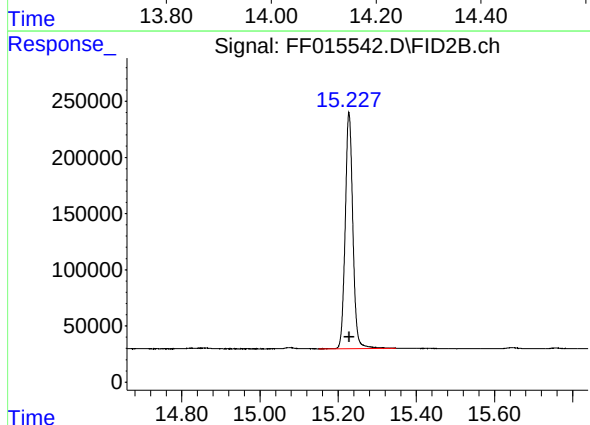
R.T.: 14.123 min
Delta R.T.: -0.002 min
Response: 2793458
Conc: 20.20 ug/ml

Instrument :

FID_F

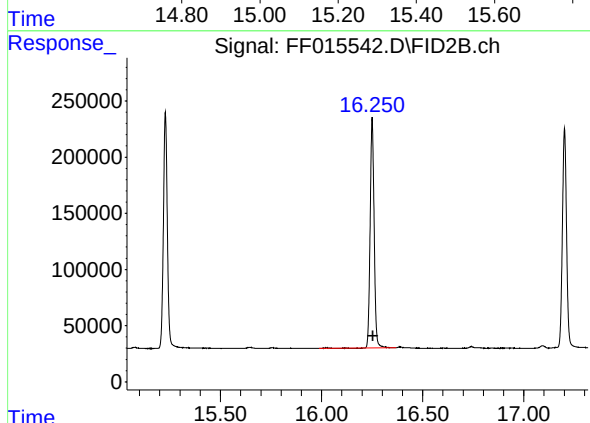
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



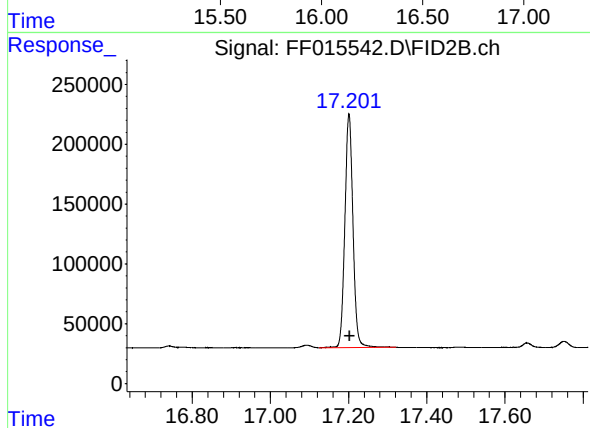
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.001 min
Response: 2845845
Conc: 20.08 ug/ml



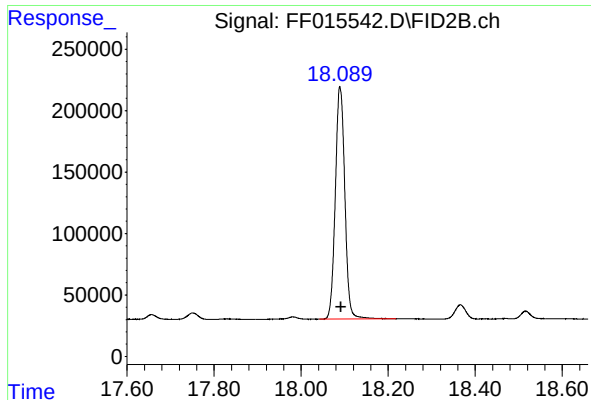
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.003 min
Response: 2816945
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.002 min
Response: 2819865
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

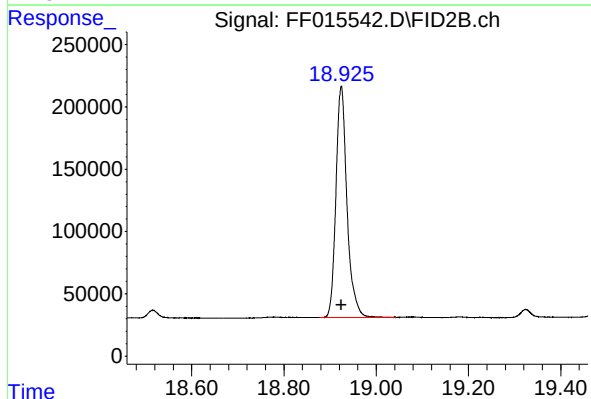
R.T.: 18.090 min
Delta R.T.: -0.002 min
Response: 2869309
Conc: 19.65 ug/ml

Instrument :

FID_F

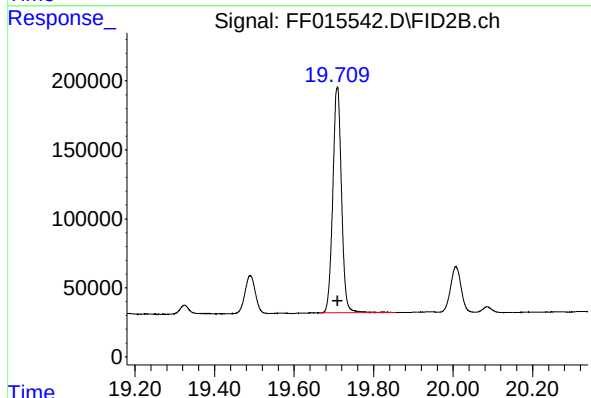
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



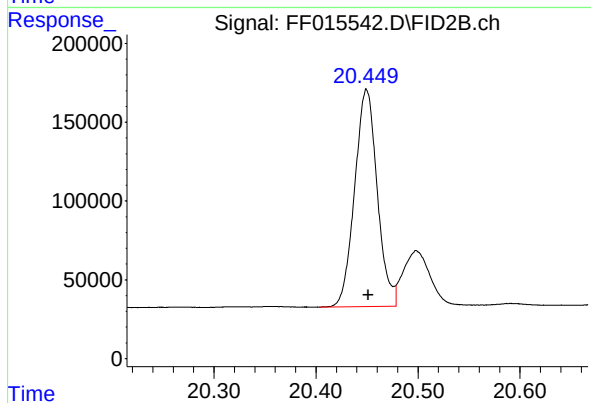
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.000 min
Response: 3091862
Conc: 21.59 ug/ml



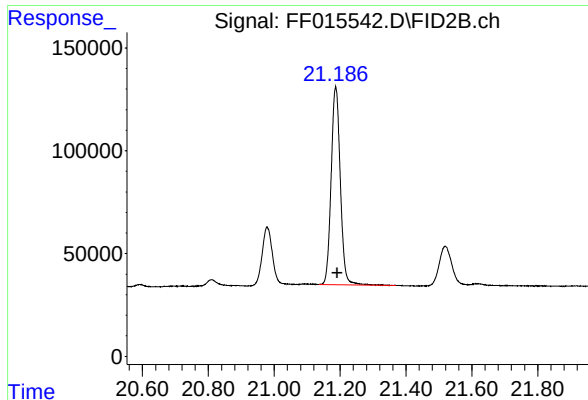
#19 n-Tetatriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 2488219
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.002 min
Response: 2118613
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

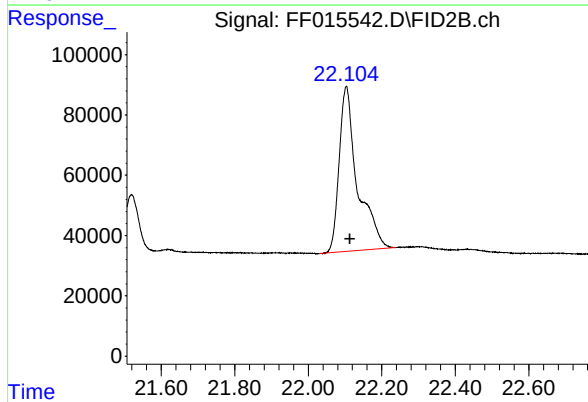
R.T.: 21.187 min
Delta R.T.: -0.005 min
Response: 1855354
Conc: 20.54 ug/ml

Instrument :

FID_F

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.011 min
Response: 1888119
Conc: 24.35 ug/ml