

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015987.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2025 01:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 16 03:16:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:08:01 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)	12.000	2777846	19.284 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	13.436	2151838	19.192 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.367	2271893	19.374 ug/ml
2) T n-Decane (C10)	4.625	2317755	19.366 ug/ml
3) T A~Naphthalene (C11.7)	6.332	2551175	19.398 ug/ml
4) T n-Dodecane (C12)	6.798	2345650	19.376 ug/ml
5) T A~2-methylnaphthalene...	7.430	2485957	19.402 ug/ml
6) T n-Tetradecane (C14)	8.629	2352663	19.346 ug/ml
7) T n-Hexadecane (C16)	10.237	2448761	19.350 ug/ml
8) T n-Octadecane (C18)	11.681	2514230	19.279 ug/ml
10) T n-Eicosane (C20)	12.992	2467435	19.212 ug/ml
11) T n-Heneicosane (C21)	13.604	2445147	19.199 ug/ml
13) T n-Docosane (C22)	14.191	2452175	19.167 ug/ml
14) T n-Tetracosane (C24)	15.295	2477541	19.096 ug/ml
15) T n-Hexacosane (C26)	16.318	2444570	19.058 ug/ml
16) T n-Octacosane (C28)	17.269	2385581	19.019 ug/ml
17) T n-Tricontane (C30)	18.158	2373468	18.975 ug/ml
18) T n-Dotriacontane (C32)	18.991	2228908	18.853 ug/ml
19) T n-Tetratriacontane (C34)	19.776	2006310	19.038 ug/ml
20) T n-Hexatriacontane (C36)	20.517	1722287	19.138 ug/ml
21) T n-Octatriacontane (C38)	21.278	1555625	19.249 ug/ml
22) T n-Tetracontane (C40)	22.232	1444637	19.535 ug/ml

(f)=RT Delta > 1/2 Window

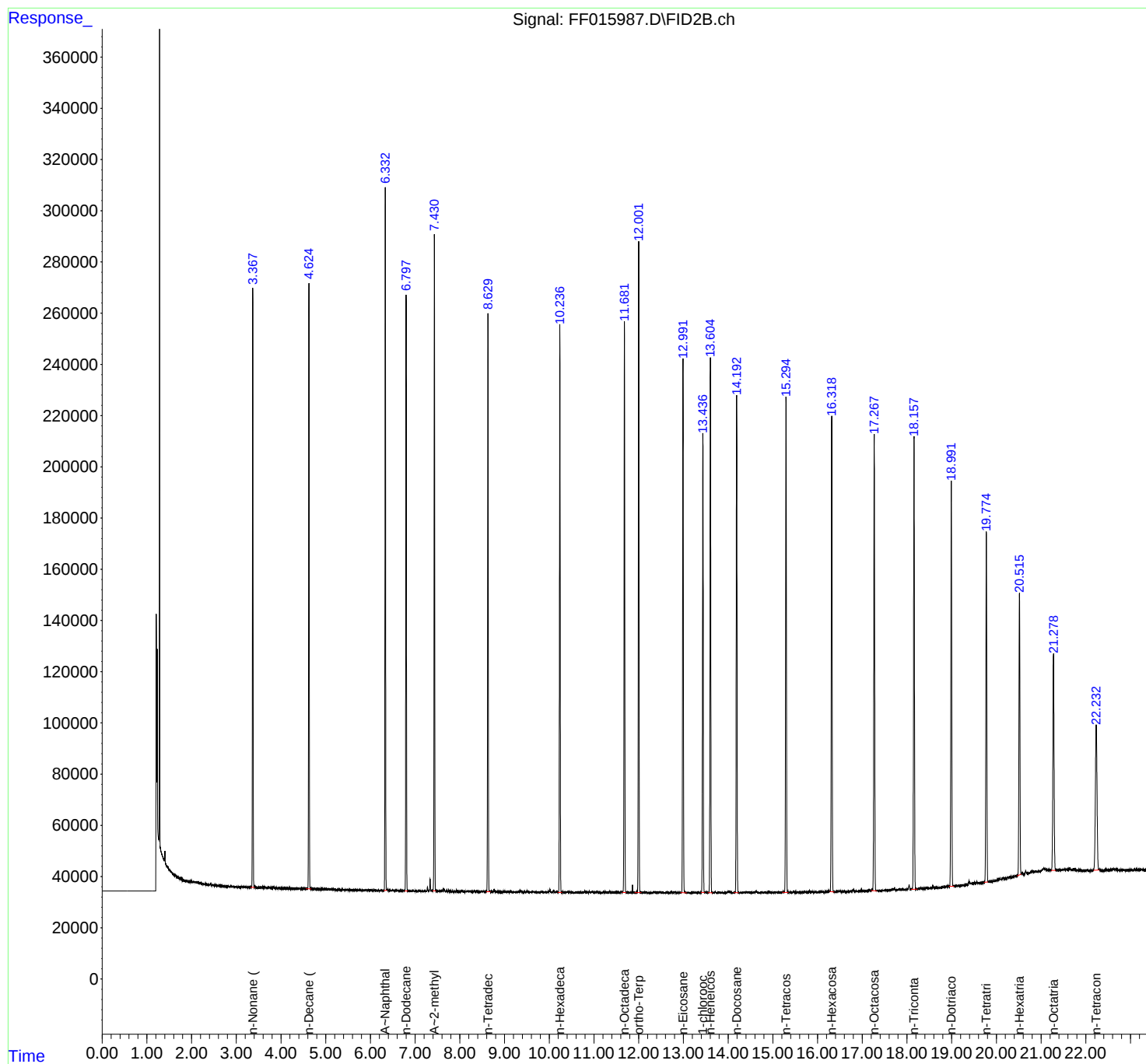
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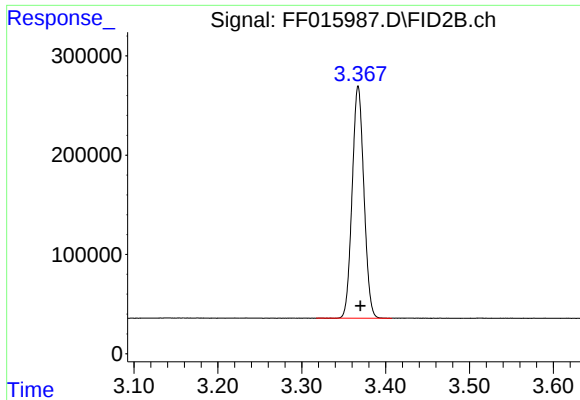
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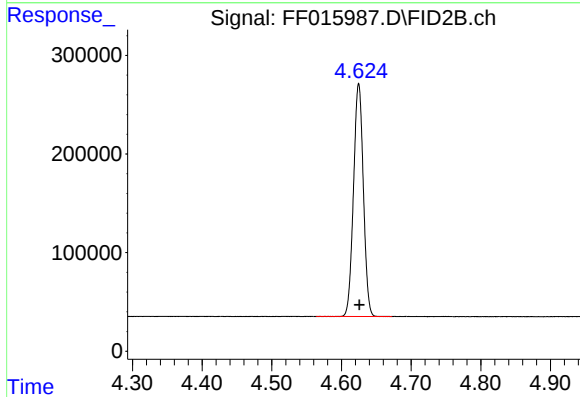




#1 n-Nonane (C9)

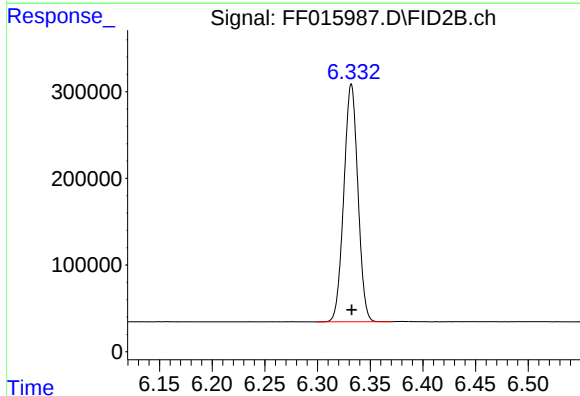
R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 2271893
Conc: 19.37 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



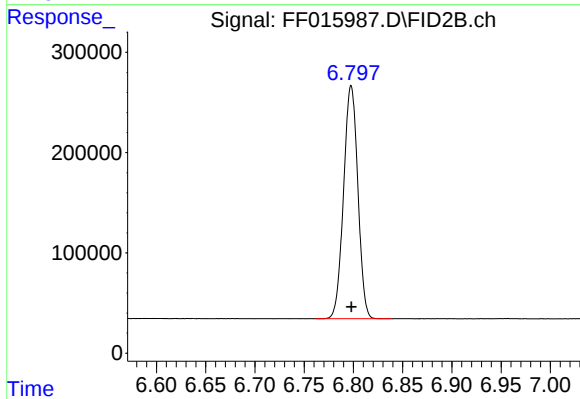
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2317755
Conc: 19.37 ug/ml



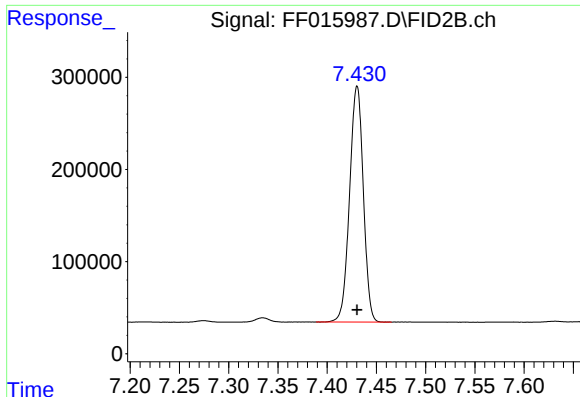
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2551175
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2345650
Conc: 19.38 ug/ml



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

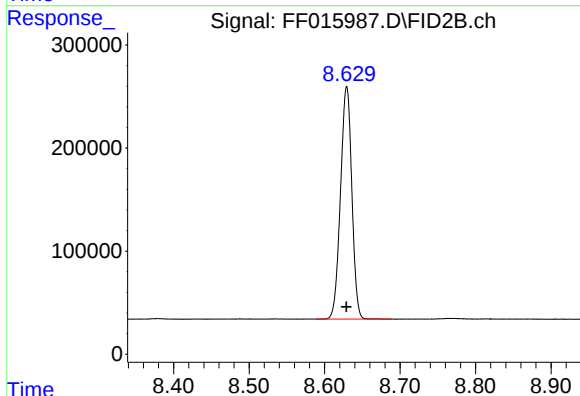
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2485957
Conc: 19.40 ug/ml

Instrument :

FID_F

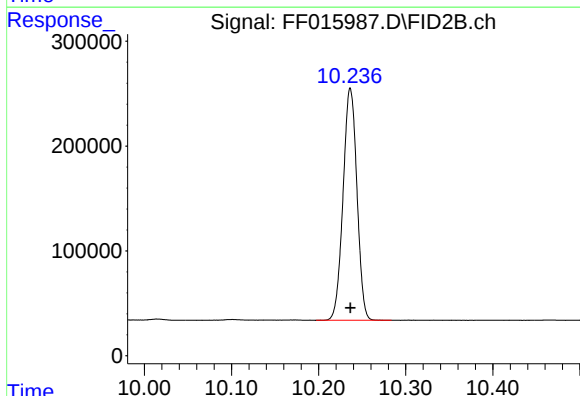
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



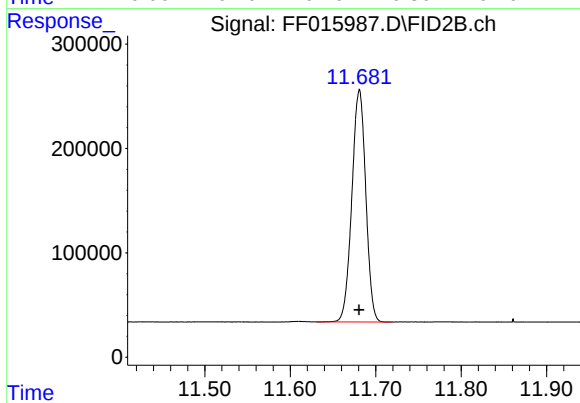
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2352663
Conc: 19.35 ug/ml



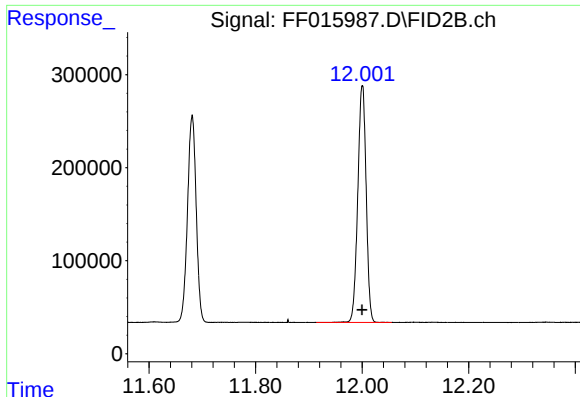
#7 n-Hexadecane (C16)

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2448761
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 2514230
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

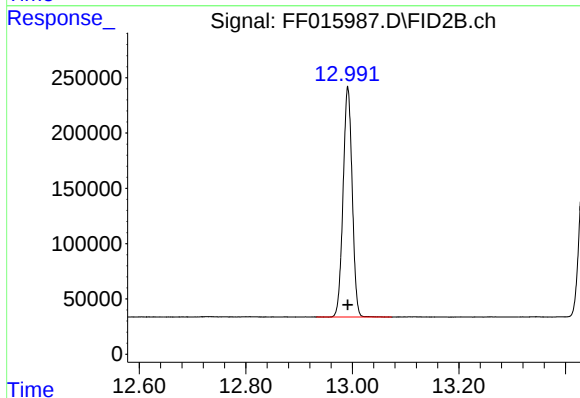
R.T.: 12.000 min
Delta R.T.: 0.000 min
Response: 2777846
Conc: 19.28 ug/ml

Instrument :

FID_F

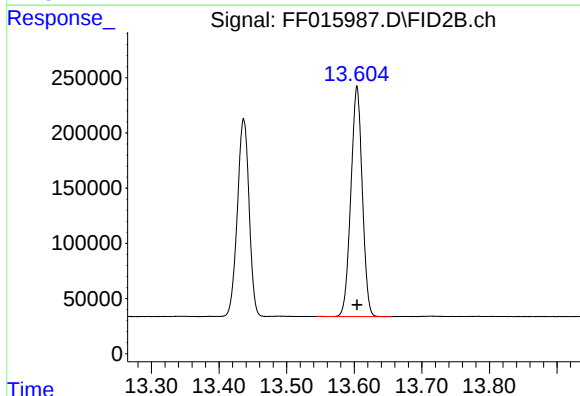
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



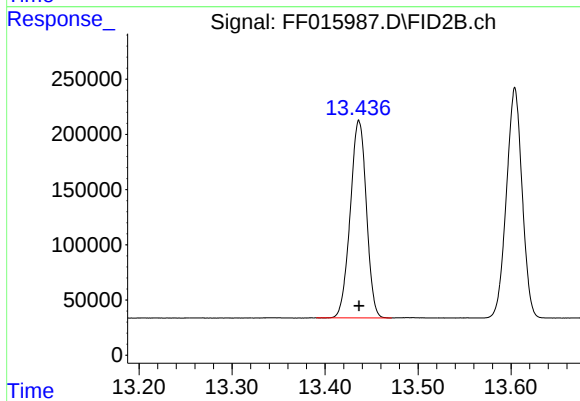
#10 n-Eicosane (C20)

R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 2467435
Conc: 19.21 ug/ml



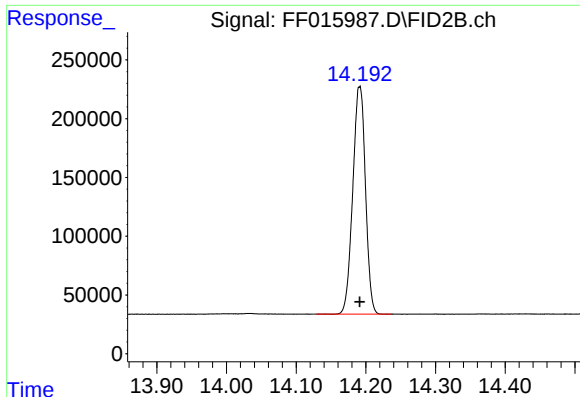
#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 2445147
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

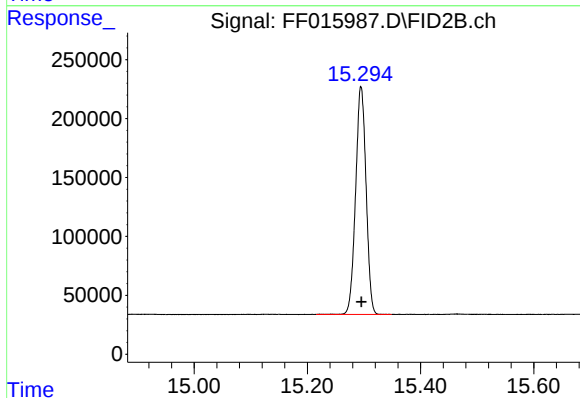
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 2151838
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

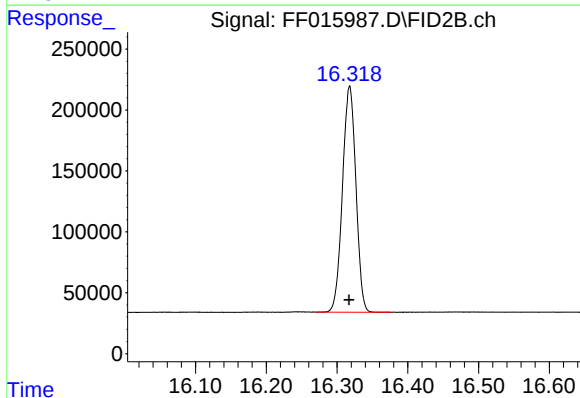
R.T.: 14.191 min
Delta R.T.: 0.000 min
Response: 2452175
Conc: 19.17 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



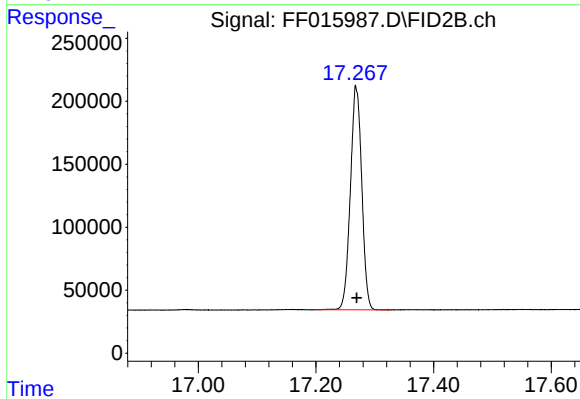
#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.000 min
Response: 2477541
Conc: 19.10 ug/ml



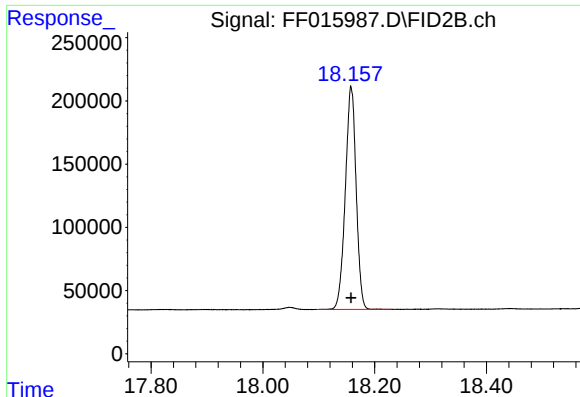
#15 n-Hexacosane (C26)

R.T.: 16.318 min
Delta R.T.: 0.000 min
Response: 2444570
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.269 min
Delta R.T.: 0.000 min
Response: 2385581
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

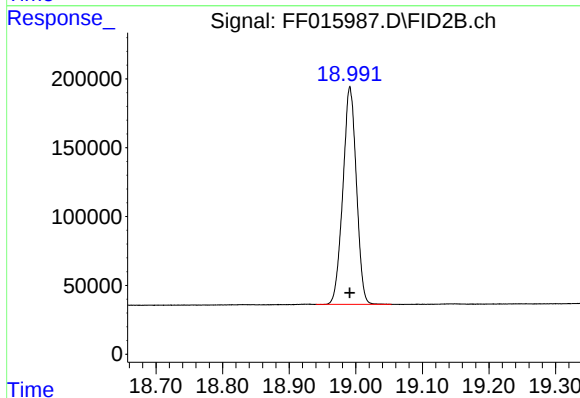
R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2373468
Conc: 18.98 ug/ml

Instrument :

FID_F

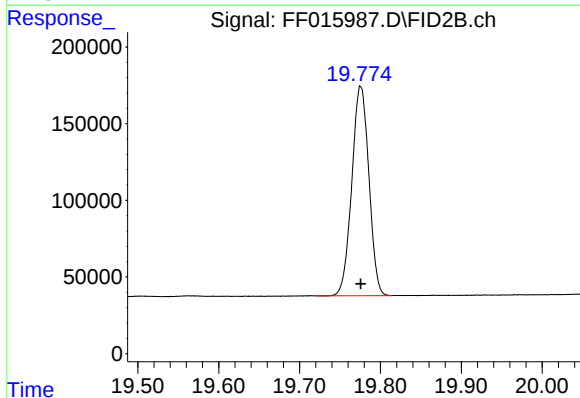
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



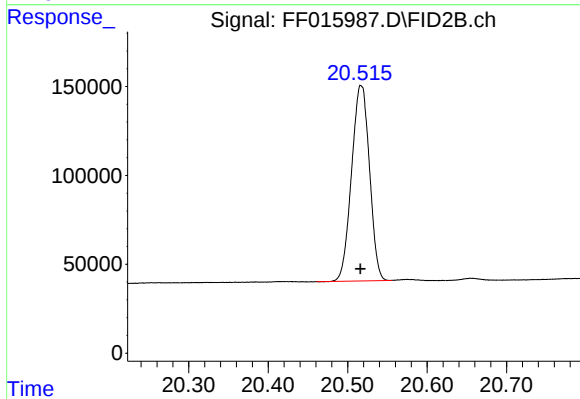
#18 n-Dotriacontane (C32)

R.T.: 18.991 min
Delta R.T.: 0.000 min
Response: 2228908
Conc: 18.85 ug/ml



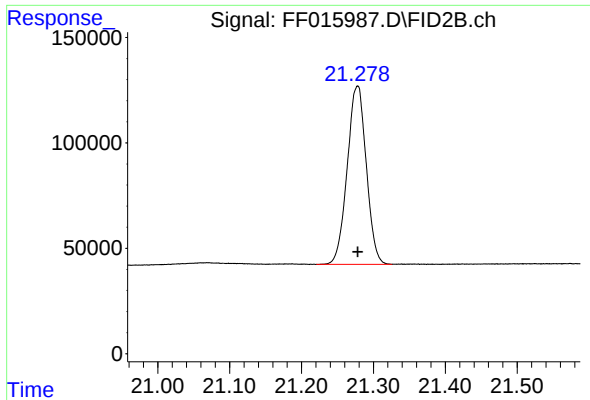
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.000 min
Response: 2006310
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

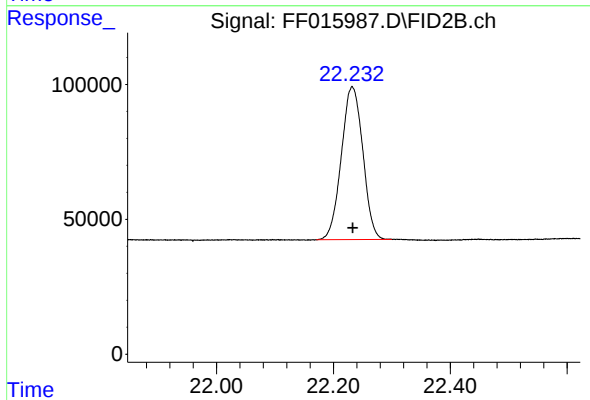
R.T.: 20.517 min
Delta R.T.: 0.000 min
Response: 1722287
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.278 min
Delta R.T.: 0.000 min
Response: 1555625
Conc: 19.25 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.232 min
Delta R.T.: 0.000 min
Response: 1444637
Conc: 19.54 ug/ml