

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016021.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 11:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 02:57:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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	2832970	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.438	2172020	19.372 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.365	2334496	19.908 ug/ml
2) T n-Decane (C10)	4.624	2395490	20.016 ug/ml
3) T A~Naphthalene (C11.7)	6.331	2627018	19.975 ug/ml
4) T n-Dodecane (C12)	6.797	2421360	20.002 ug/ml
5) T A~2-methylnaphthalene...	7.430	2559402	19.975 ug/ml
6) T n-Tetradecane (C14)	8.629	2420974	19.908 ug/ml
7) T n-Hexadecane (C16)	10.237	2517413	19.892 ug/ml
8) T n-Octadecane (C18)	11.681	2575662	19.750 ug/ml
10) T n-Eicosane (C20)	12.993	2503377	19.492 ug/ml
11) T n-Heneicosane (C21)	13.606	2480064	19.473 ug/ml
13) T n-Docosane (C22)	14.193	2485589	19.428 ug/ml
14) T n-Tetracosane (C24)	15.297	2503570	19.297 ug/ml
15) T n-Hexacosane (C26)	16.320	2461863	19.192 ug/ml
16) T n-Octacosane (C28)	17.271	2416421	19.264 ug/ml
17) T n-Tricontane (C30)	18.160	2429103	19.420 ug/ml
18) T n-Dotriacontane (C32)	18.995	2319160	19.616 ug/ml
19) T n-Tetratriacontane (C34)	19.780	2076938	19.708 ug/ml
20) T n-Hexatriacontane (C36)	20.522	1791578	19.908 ug/ml
21) T n-Octatriacontane (C38)	21.283	1603776	19.845 ug/ml
22) T n-Tetracontane (C40)	22.240	1471245	19.895 ug/ml

(f)=RT Delta > 1/2 Window

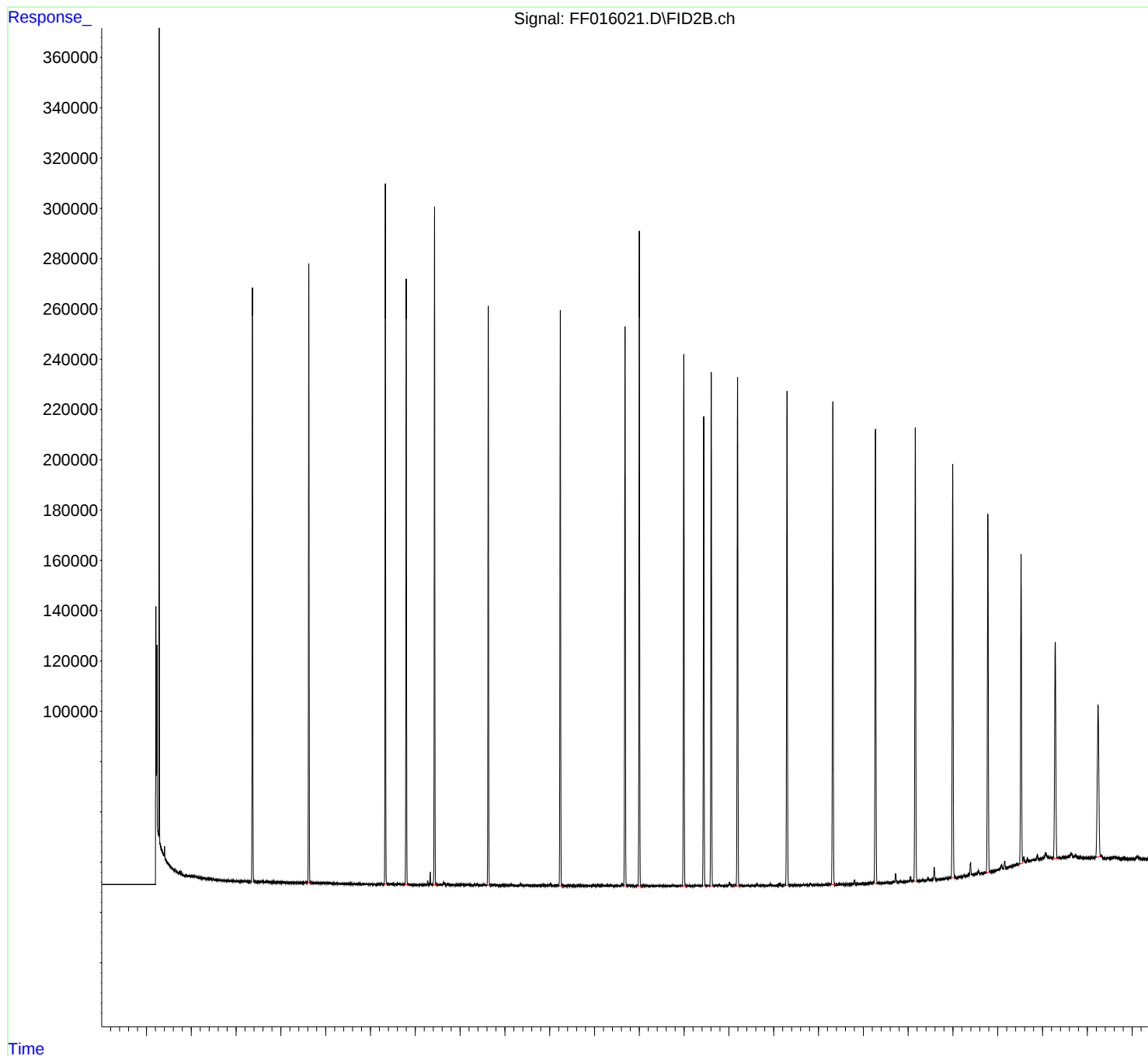
(m)=manual int.

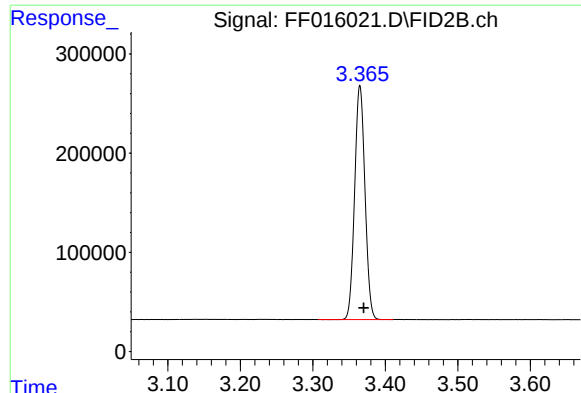
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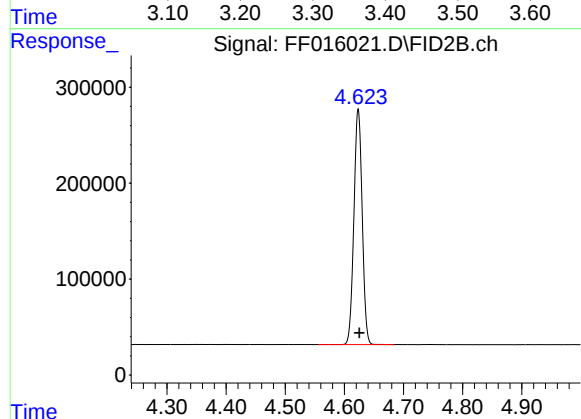




#1 n-Nonane (C9)

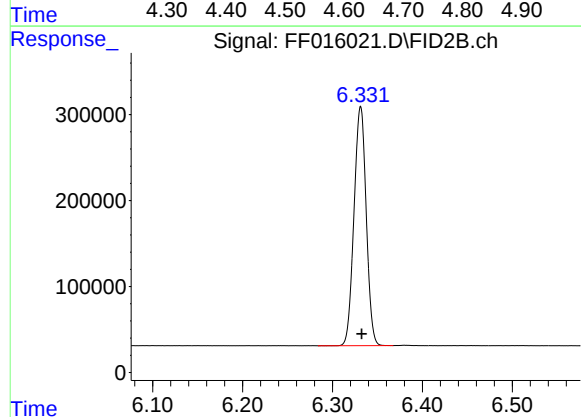
R.T.: 3.365 min
Delta R.T.: -0.005 min
Response: 2334496
Conc: 19.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



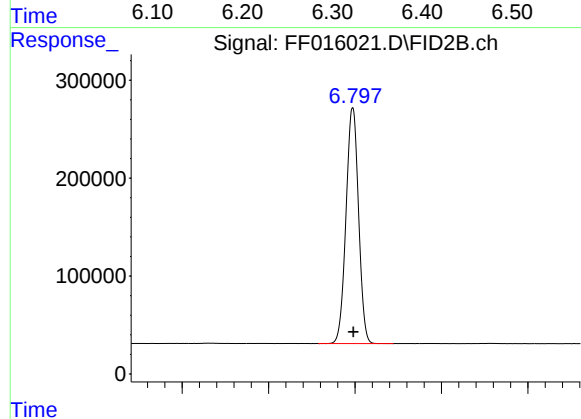
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 2395490
Conc: 20.02 ug/ml



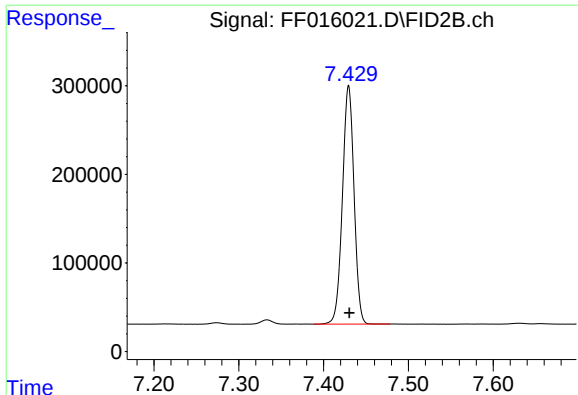
#3 A~Naphthalene (C11.7)

R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 2627018
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

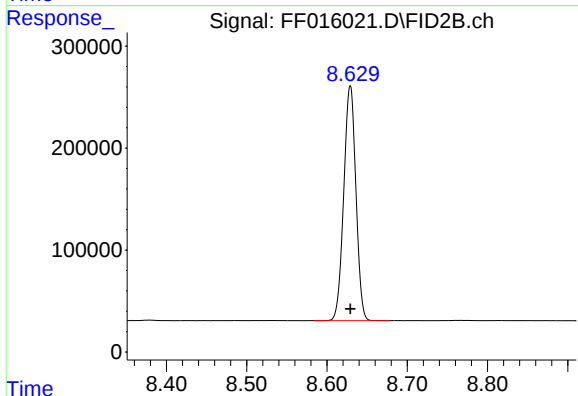
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2421360
Conc: 20.00 ug/ml



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

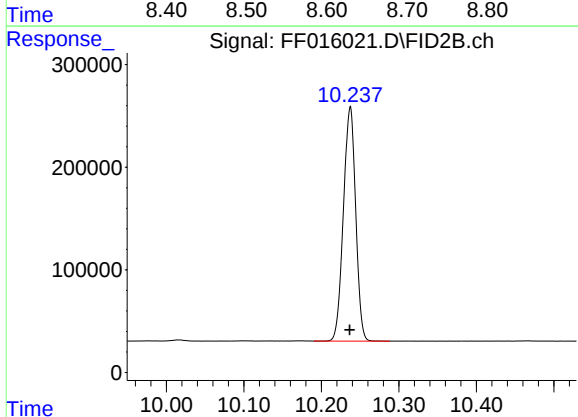
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2559402
Conc: 19.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



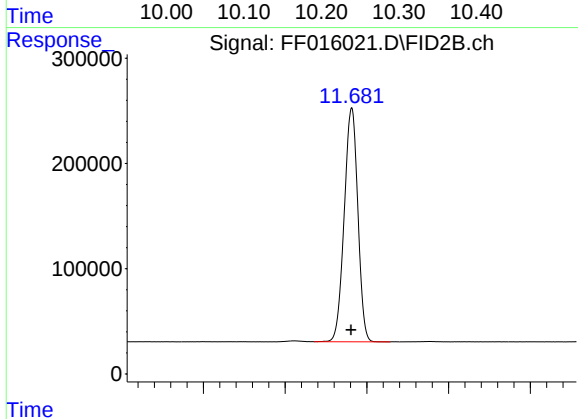
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2420974
Conc: 19.91 ug/ml



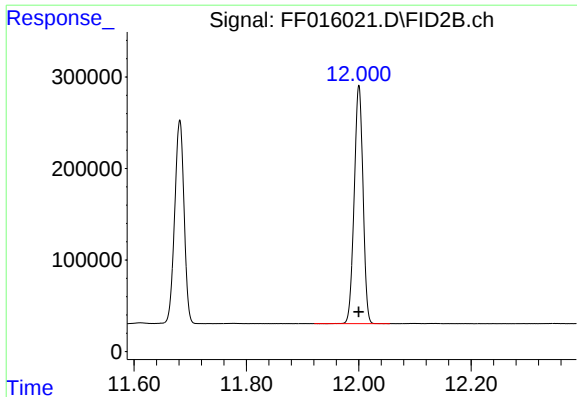
#7 n-Hexadecane (C16)

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2517413
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

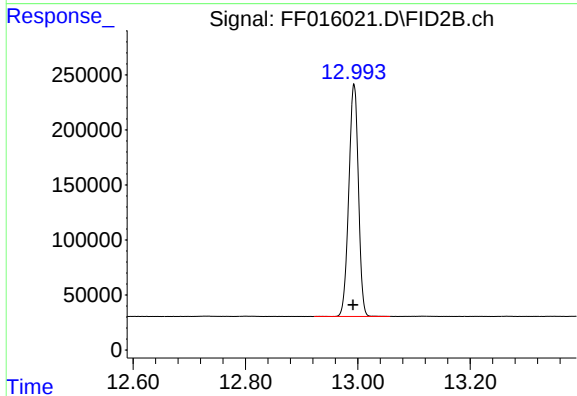
R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 2575662
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

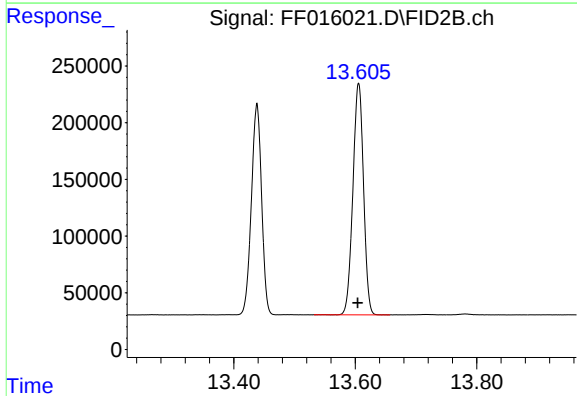
R.T.: 12.000 min
Delta R.T.: 0.000 min
Response: 2832970
Conc: 19.67 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



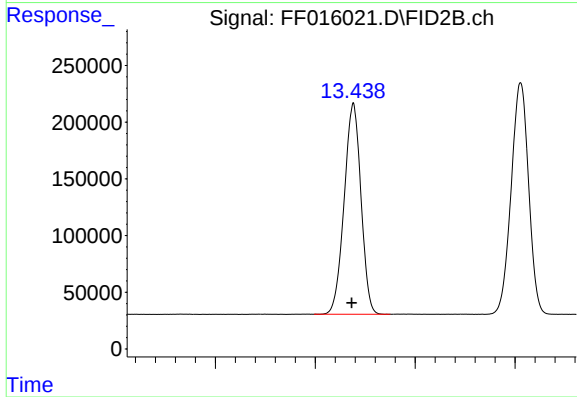
#10 n-Eicosane (C20)

R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2503377
Conc: 19.49 ug/ml



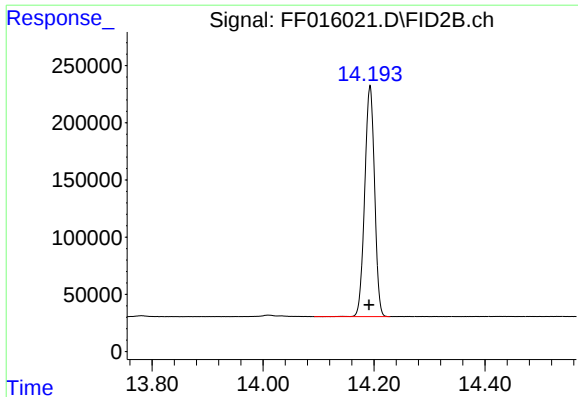
#11 n-Heneicosane (C21)

R.T.: 13.606 min
Delta R.T.: 0.001 min
Response: 2480064
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

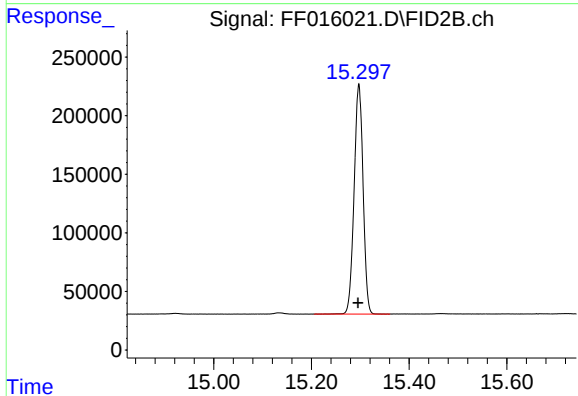
R.T.: 13.438 min
Delta R.T.: 0.002 min
Response: 2172020
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

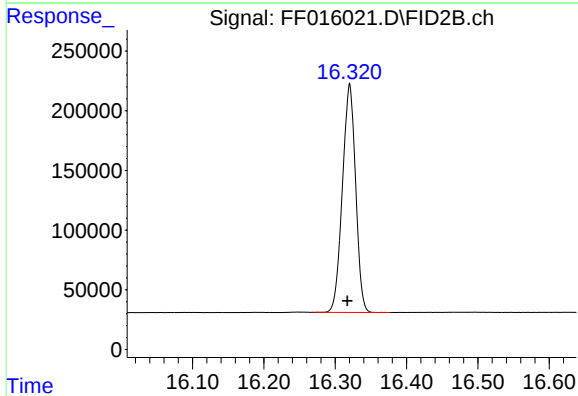
R.T.: 14.193 min
Delta R.T.: 0.002 min
Response: 2485589
Conc: 19.43 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



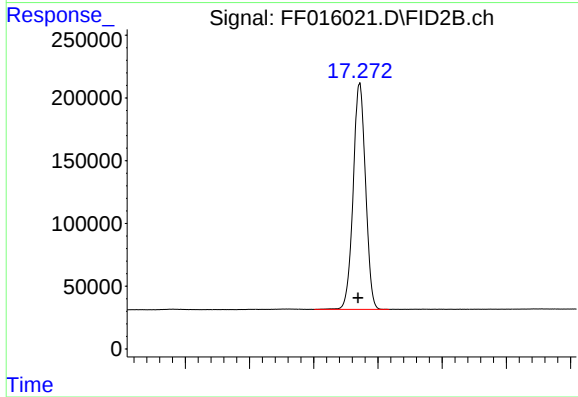
#14 n-Tetracosane (C24)

R.T.: 15.297 min
Delta R.T.: 0.002 min
Response: 2503570
Conc: 19.30 ug/ml



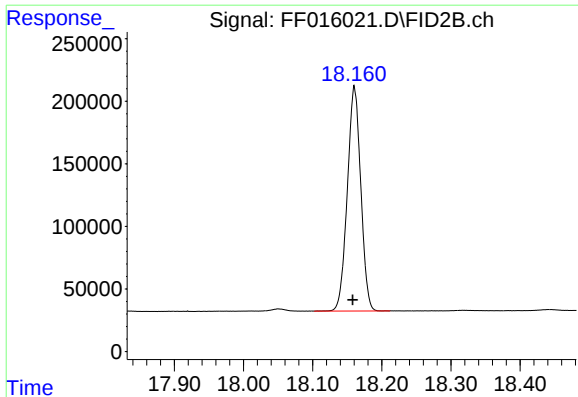
#15 n-Hexacosane (C26)

R.T.: 16.320 min
Delta R.T.: 0.003 min
Response: 2461863
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

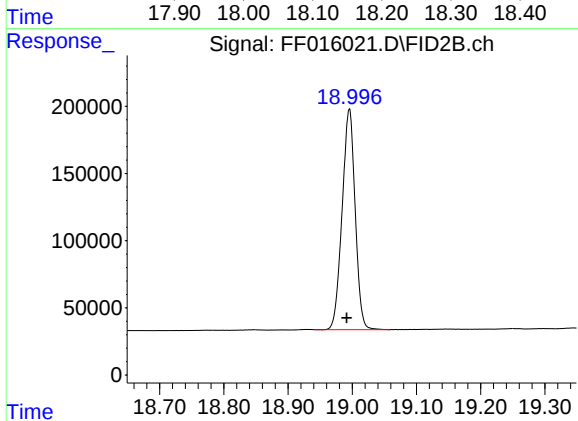
R.T.: 17.271 min
Delta R.T.: 0.002 min
Response: 2416421
Conc: 19.26 ug/ml



#17 n-Tricontane (C30)

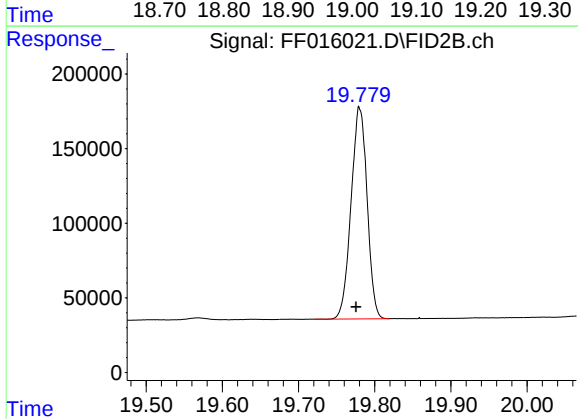
R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 2429103
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



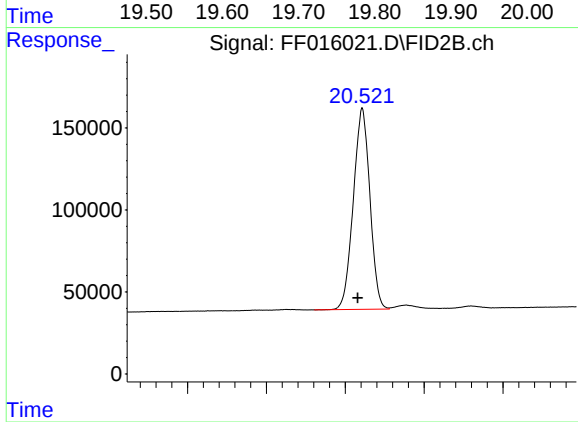
#18 n-Dotriacontane (C32)

R.T.: 18.995 min
Delta R.T.: 0.004 min
Response: 2319160
Conc: 19.62 ug/ml



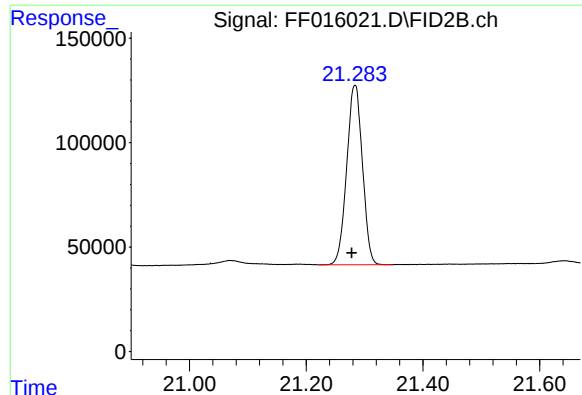
#19 n-Tetratriacontane (C34)

R.T.: 19.780 min
Delta R.T.: 0.005 min
Response: 2076938
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

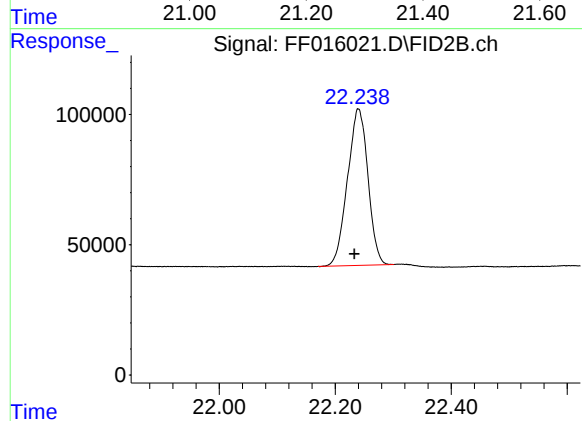
R.T.: 20.522 min
Delta R.T.: 0.006 min
Response: 1791578
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.283 min
Delta R.T.: 0.005 min
Response: 1603776
Conc: 19.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.240 min
Delta R.T.: 0.007 min
Response: 1471245
Conc: 19.89 ug/ml