

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
 Data File : FF014012.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2024 16:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 12 16:36:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 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)	11.859	3084886	21.206 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
12) S 1-chlorooctadecane (S...	13.299	2294802	21.265 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T n-Nonane (C9)	3.260	2621081	21.168 ug/ml
2) T n-Decane (C10)	4.509	2679273	21.200 ug/ml
3) T A~Naphthalene (C11.7)	6.203	2890053	21.449 ug/ml
4) T n-Dodecane (C12)	6.670	2722530	21.278 ug/ml
5) T A~2-methylnaphthalene...	7.297	2767244	21.573 ug/ml
6) T n-Tetradecane (C14)	8.496	2704080	21.347 ug/ml
7) T n-Hexadecane (C16)	10.102	2817480	21.304 ug/ml
8) T n-Octadecane (C18)	11.546	2888713	21.218 ug/ml
10) T n-Eicosane (C20)	12.856	2803270	21.178 ug/ml
11) T n-Heneicosane (C21)	13.468	2767714	21.182 ug/ml
13) T n-Docosane (C22)	14.055	2743257	21.154 ug/ml
14) T n-Tetracosane (C24)	15.160	2710821	21.111 ug/ml
15) T n-Hexacosane (C26)	16.181	2621107	21.081 ug/ml
16) T n-Octacosane (C28)	17.132	2503423	21.026 ug/ml
17) T n-Tricontane (C30)	18.020	2466038	20.982 ug/ml
18) T n-Dotriacontane (C32)	18.854	2387527	21.088 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2260739	21.084 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2135250	21.216 ug/ml
21) T n-Octatriacontane (C38)	21.106	2163536	20.794 ug/ml
22) T n-Tetracontane (C40)	21.994	2110865	20.975 ug/ml

(f)=RT Delta > 1/2 Window

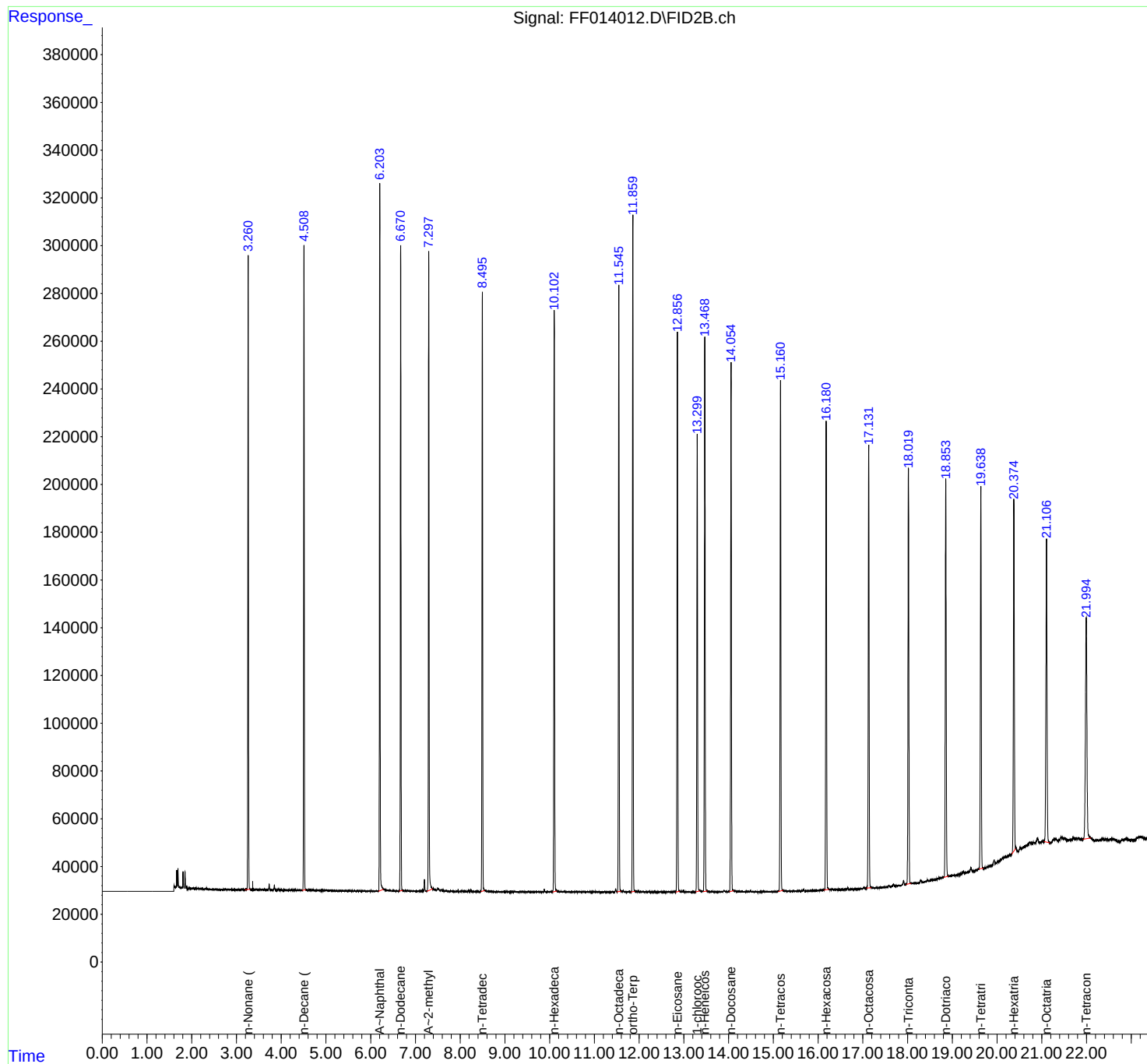
(m)=manual int.

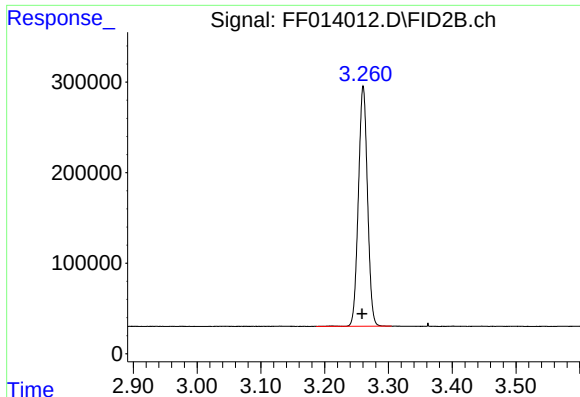
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
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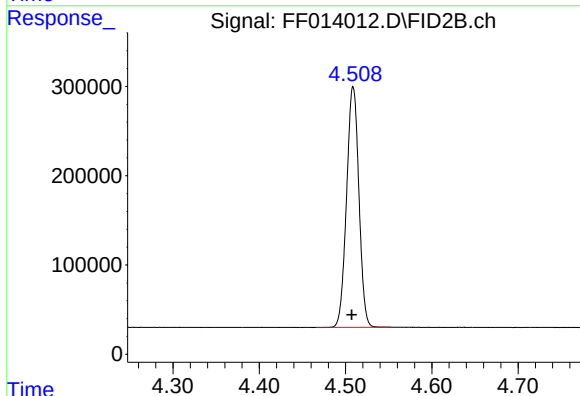




#1 n-Nonane (C9)

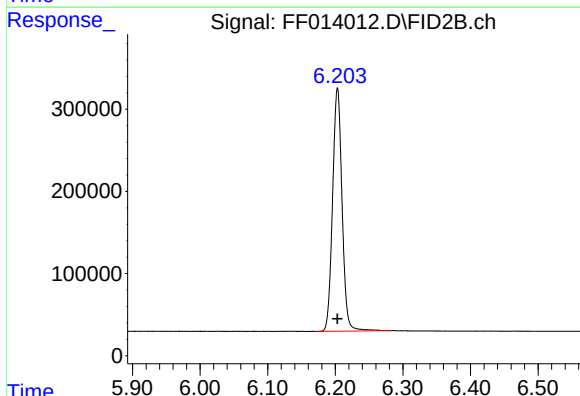
R.T.: 3.260 min
Delta R.T.: 0.001 min
Response: 2621081
Conc: 21.17 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



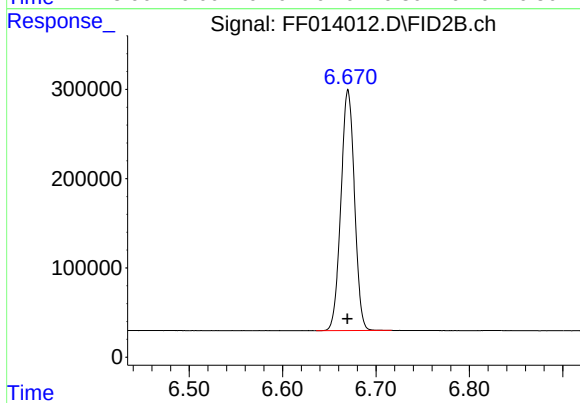
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.002 min
Response: 2679273
Conc: 21.20 ug/ml



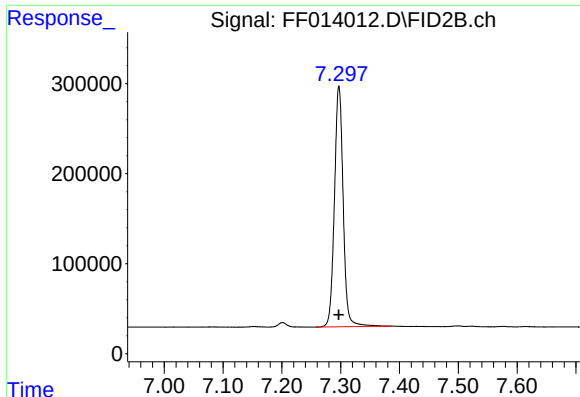
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 2890053
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 2722530
Conc: 21.28 ug/ml



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

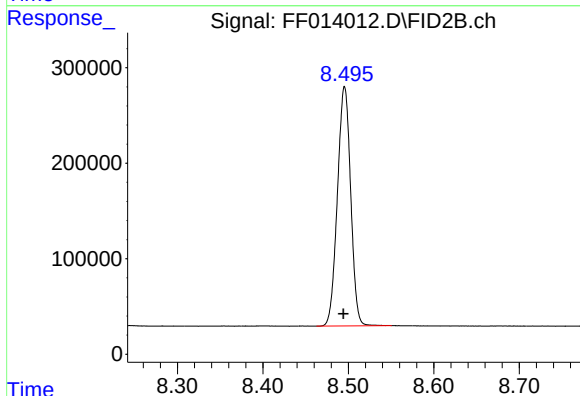
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 2767244
Conc: 21.57 ug/ml

Instrument :

FID_F

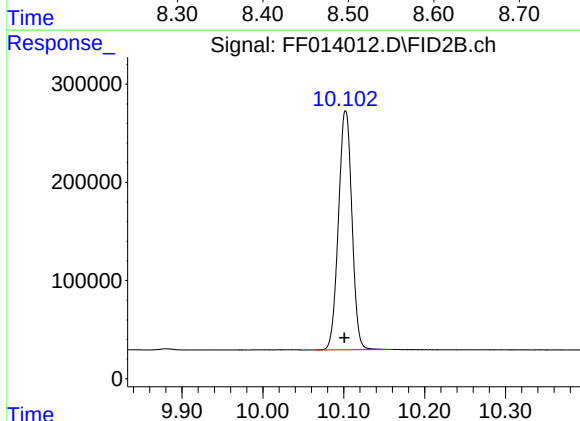
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



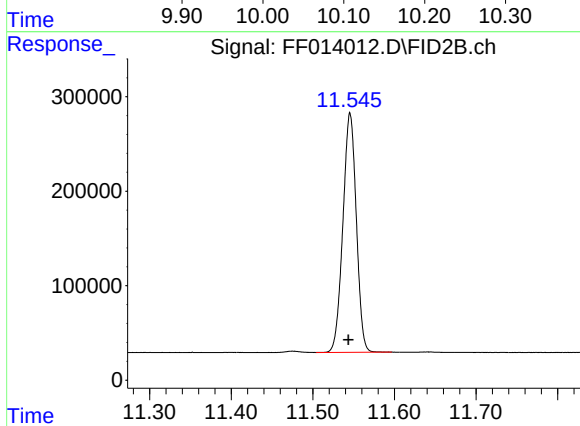
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.001 min
Response: 2704080
Conc: 21.35 ug/ml



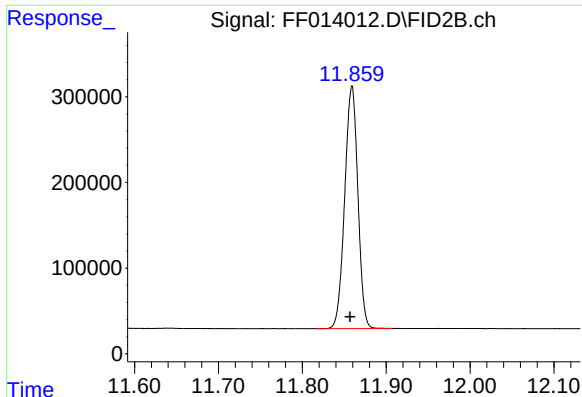
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.001 min
Response: 2817480
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: 0.002 min
Response: 2888713
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

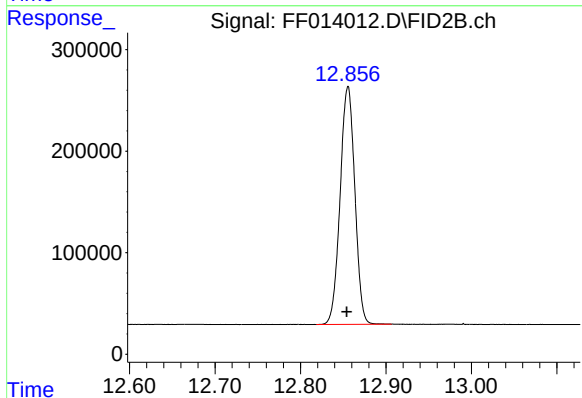
R.T.: 11.859 min
Delta R.T.: 0.002 min
Response: 3084886
Conc: 21.21 ug/ml

Instrument :

FID_F

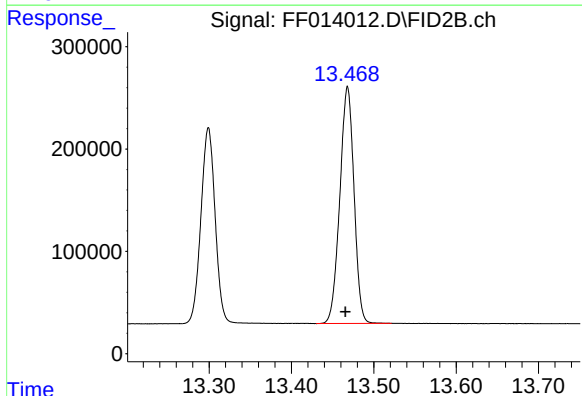
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



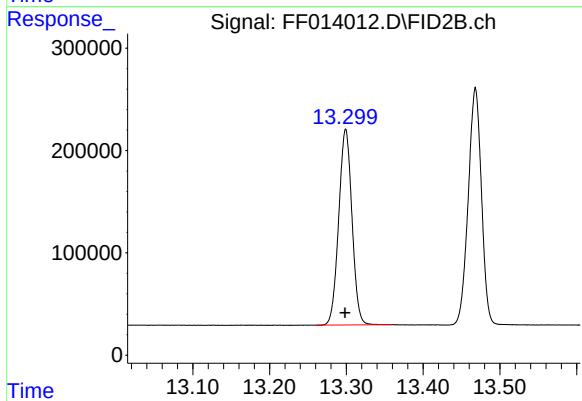
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: 0.002 min
Response: 2803270
Conc: 21.18 ug/ml



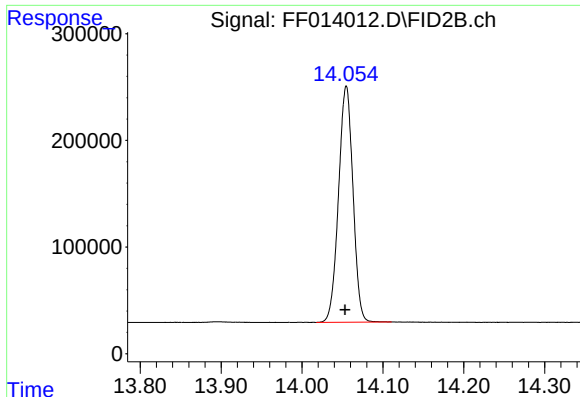
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: 0.002 min
Response: 2767714
Conc: 21.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 2294802
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

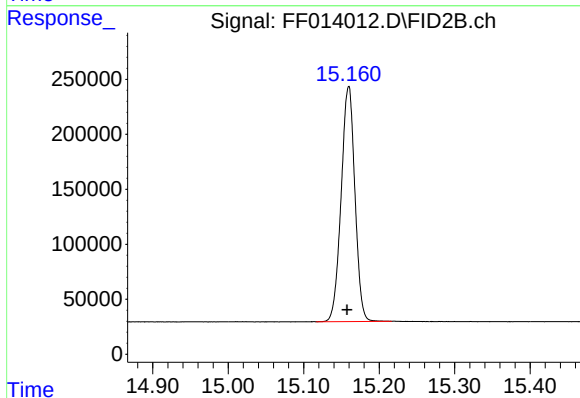
R.T.: 14.055 min
Delta R.T.: 0.002 min
Response: 2743257
Conc: 21.15 ug/ml

Instrument :

FID_F

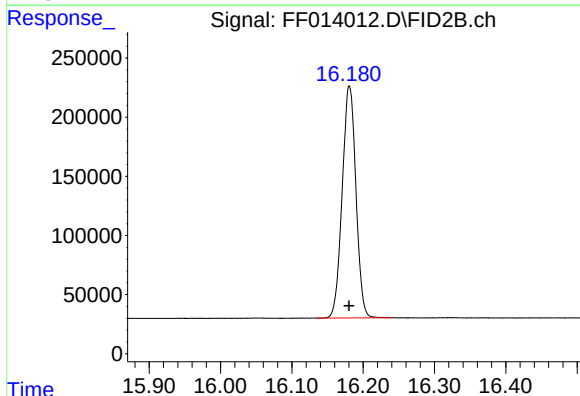
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



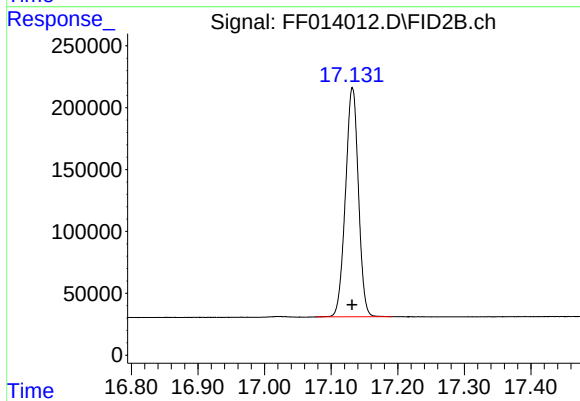
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: 0.002 min
Response: 2710821
Conc: 21.11 ug/ml



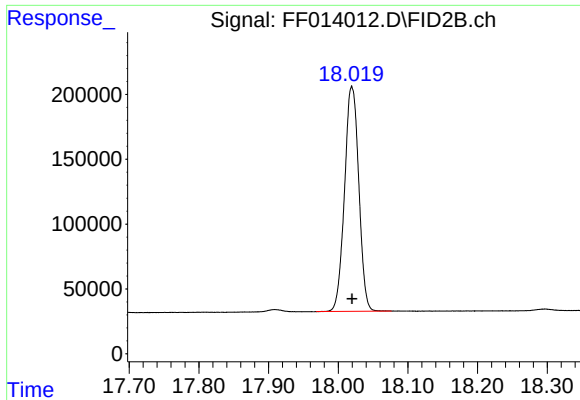
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 2621107
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

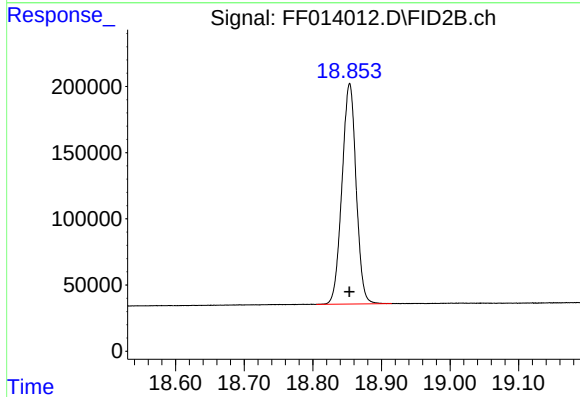
R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 2503423
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

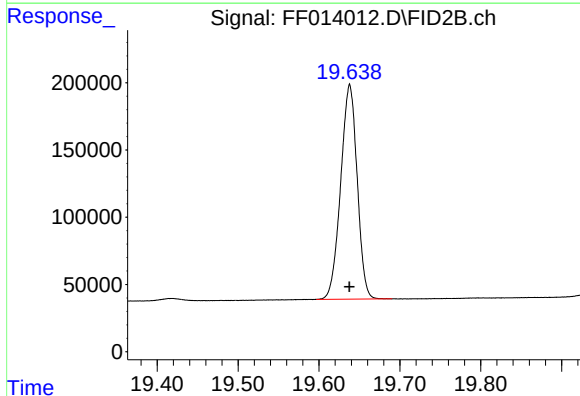
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 2466038
Conc: 20.98 ug/ml

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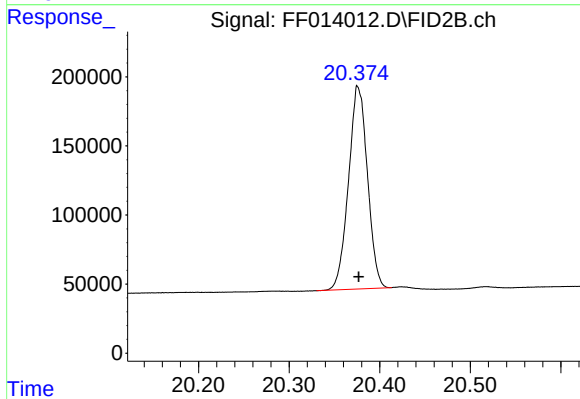
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.000 min
Response: 2387527
Conc: 21.09 ug/ml



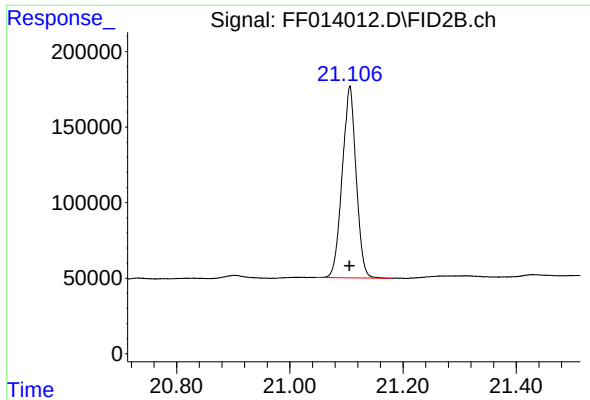
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 2260739
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

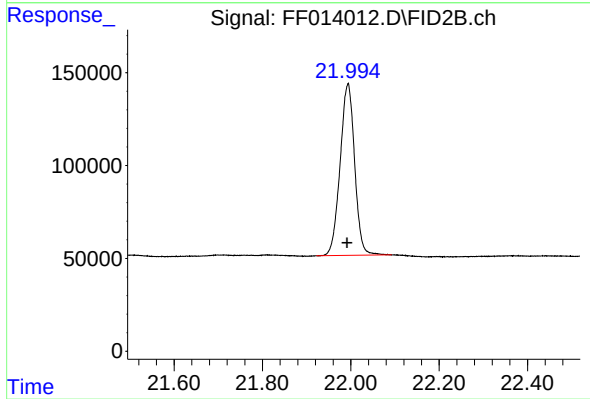
R.T.: 20.376 min
Delta R.T.: 0.000 min
Response: 2135250
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: 0.000 min
Response: 2163536
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.002 min
Response: 2110865
Conc: 20.97 ug/ml