

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015202.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 16:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 20 17:09:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 20 17:08:22 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)	11.922	3184729	19.974 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.358	2450380	19.971 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.318	2663748	20.259 ug/ml
2) T n-Decane (C10)	4.571	2724897	20.274 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3004492	20.273 ug/ml
4) T n-Dodecane (C12)	6.734	2761741	20.236 ug/ml
5) T A~2-methylnaphthalene...	7.365	2919855	20.247 ug/ml
6) T n-Tetradecane (C14)	8.559	2755285	20.092 ug/ml
7) T n-Hexadecane (C16)	10.164	2883106	20.099 ug/ml
8) T n-Octadecane (C18)	11.605	2936869	19.942 ug/ml
10) T n-Eicosane (C20)	12.913	2857031	19.948 ug/ml
11) T n-Heneicosane (C21)	13.525	2821478	19.936 ug/ml
13) T n-Docosane (C22)	14.110	2815052	19.961 ug/ml
14) T n-Tetracosane (C24)	15.213	2807048	19.886 ug/ml
15) T n-Hexacosane (C26)	16.233	2737832	19.863 ug/ml
16) T n-Octacosane (C28)	17.181	2645344	19.675 ug/ml
17) T n-Tricontane (C30)	18.068	2623187	19.357 ug/ml
18) T n-Dotriacontane (C32)	18.899	2477335	19.218 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2141392	19.384 ug/ml
20) T n-Hexatriacontane (C36)	20.421	1836118	19.836 ug/ml
21) T n-Octatriacontane (C38)	21.154	1702621	19.925 ug/ml
22) T n-Tetracontane (C40)	22.061	1581485	19.994 ug/ml

(f)=RT Delta > 1/2 Window

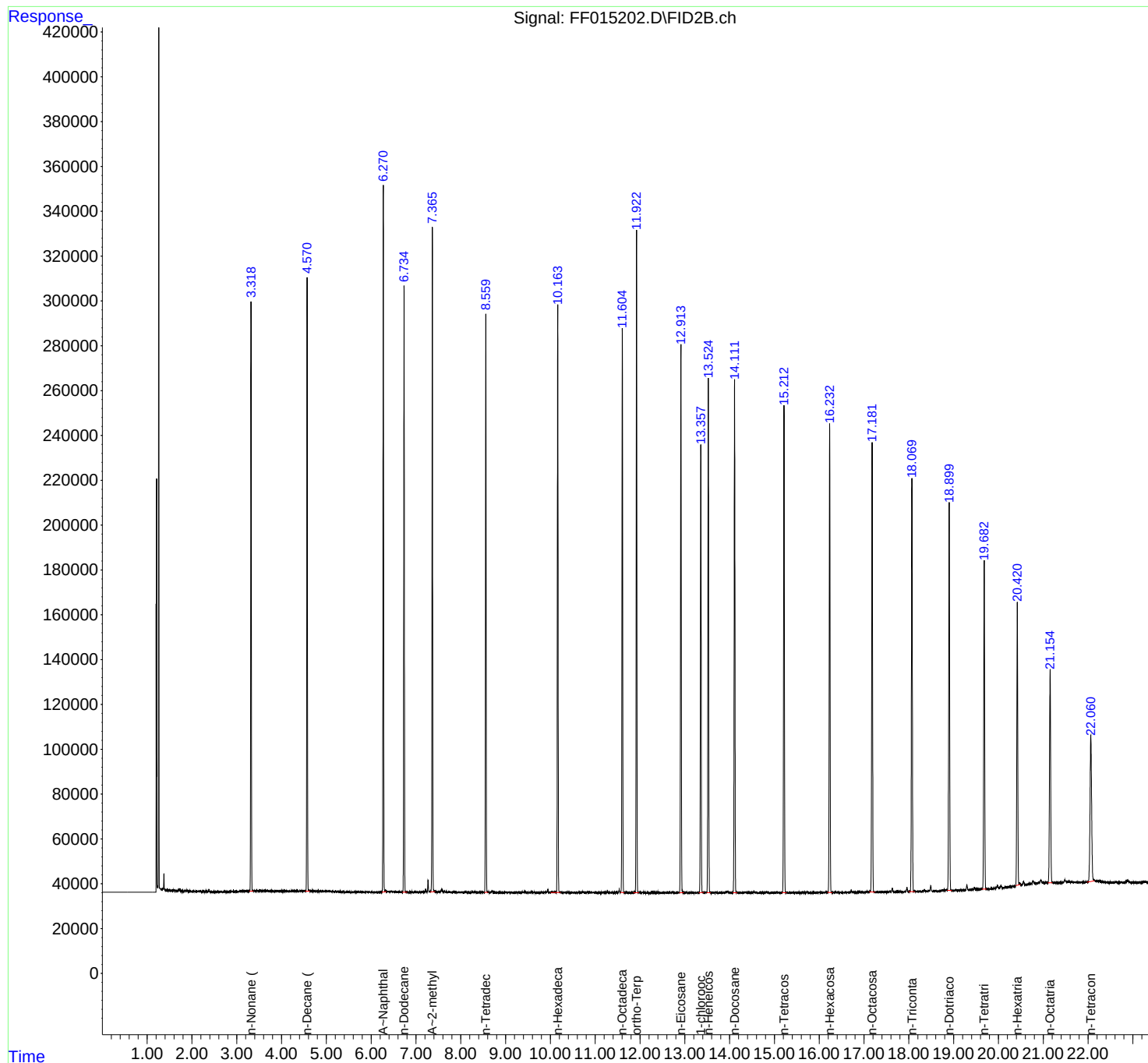
(m)=manual int.

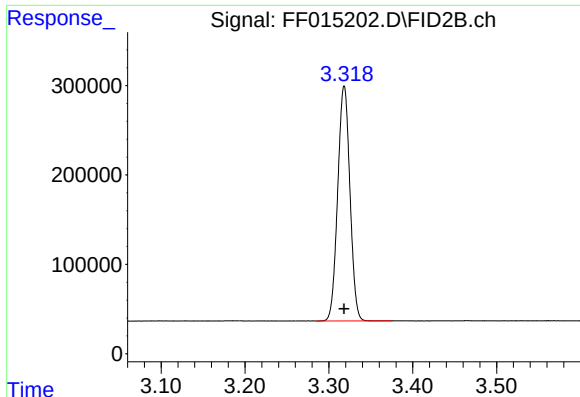
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#1 n-Nonane (C9)

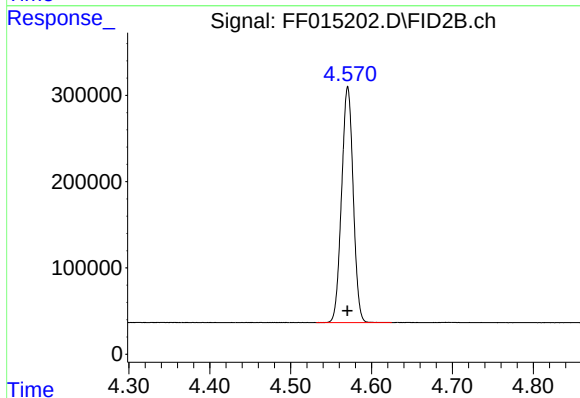
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 2663748
Conc: 20.26 ug/ml

Instrument :

FID_F

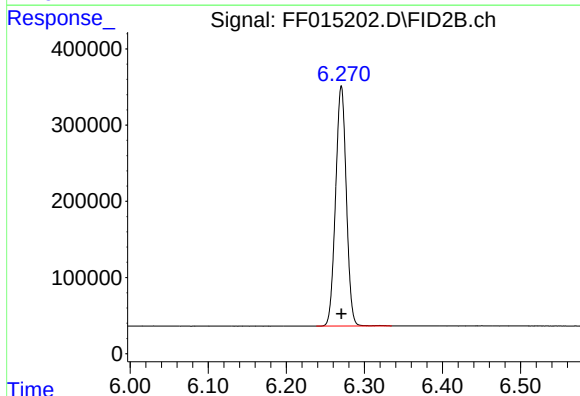
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



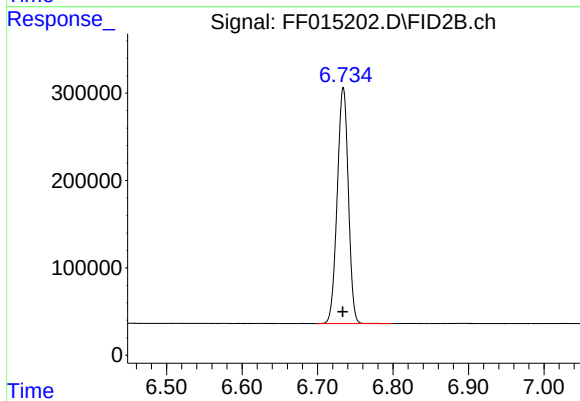
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 2724897
Conc: 20.27 ug/ml



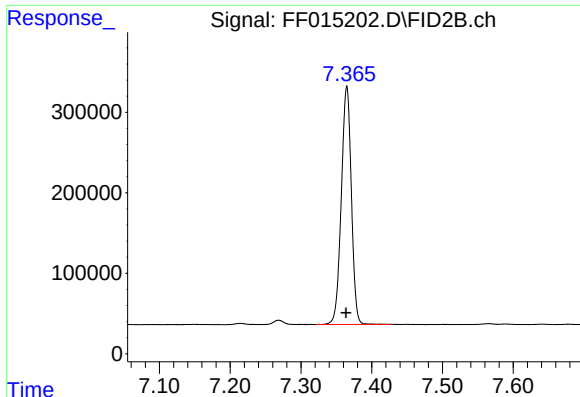
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 3004492
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2761741
Conc: 20.24 ug/ml



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

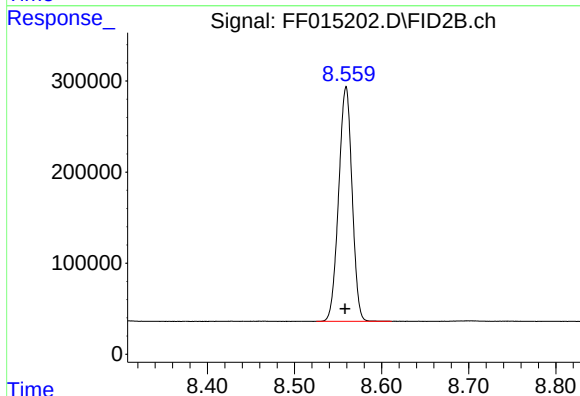
R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2919855
Conc: 20.25 ug/ml

Instrument :

FID_F

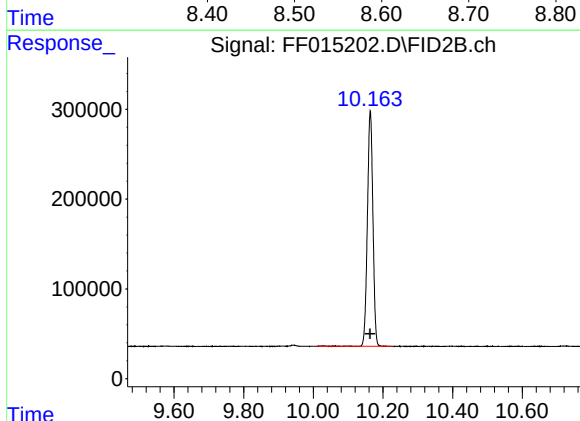
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



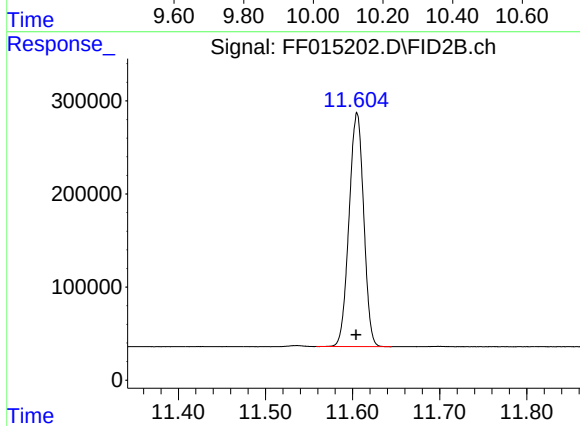
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 2755285
Conc: 20.09 ug/ml



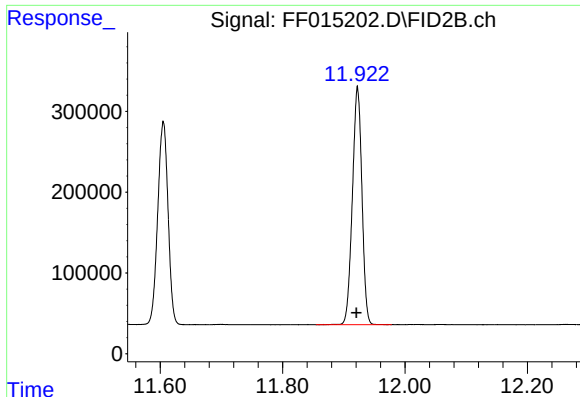
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2883106
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

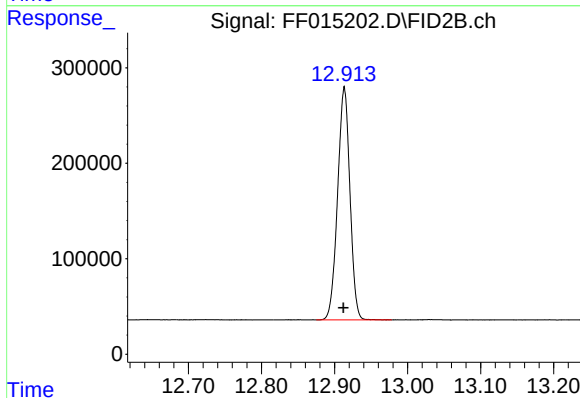
R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2936869
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

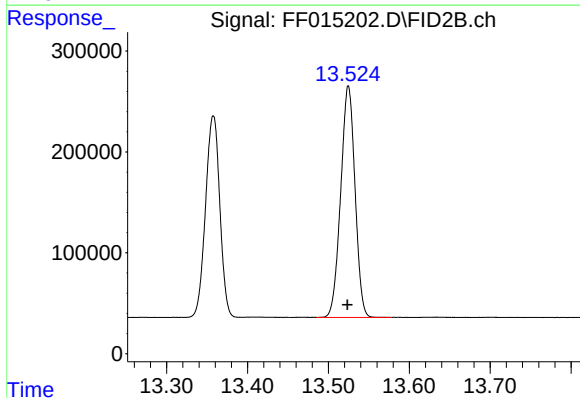
R.T.: 11.922 min
Delta R.T.: 0.002 min
Response: 3184729
Conc: 19.97 ug/ml

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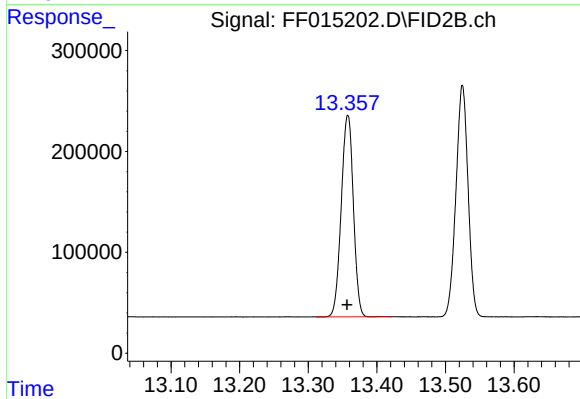
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 2857031
Conc: 19.95 ug/ml



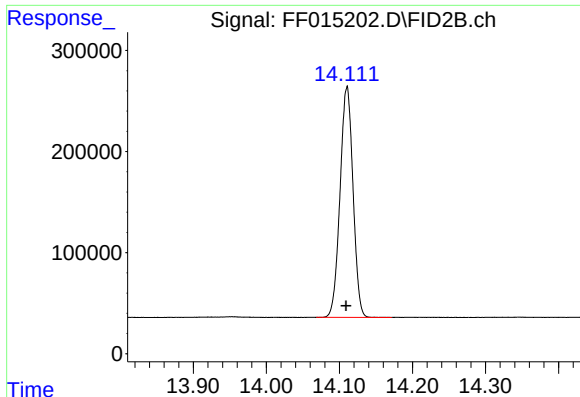
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.001 min
Response: 2821478
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 2450380
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

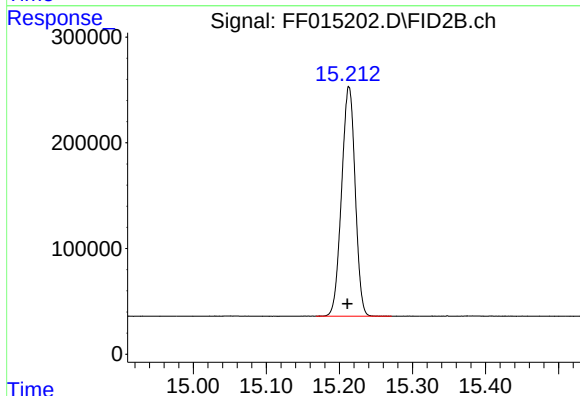
R.T.: 14.110 min
Delta R.T.: 0.001 min
Response: 2815052
Conc: 19.96 ug/ml

Instrument :

FID_F

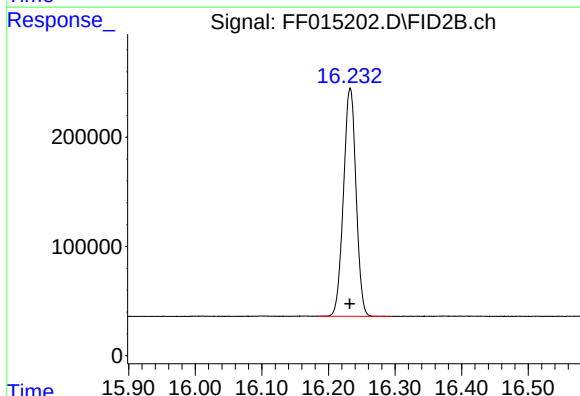
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



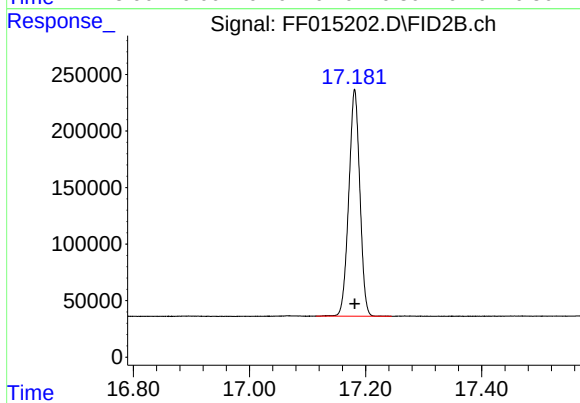
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.002 min
Response: 2807048
Conc: 19.89 ug/ml



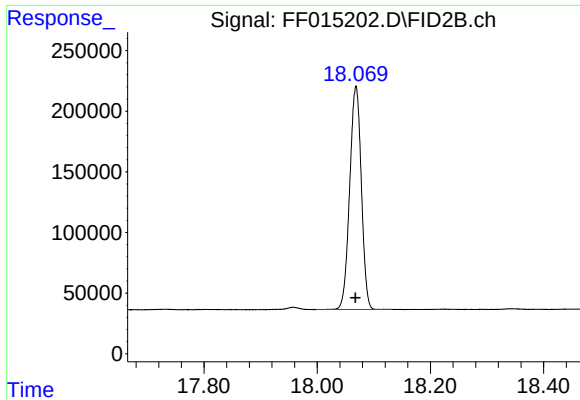
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2737832
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

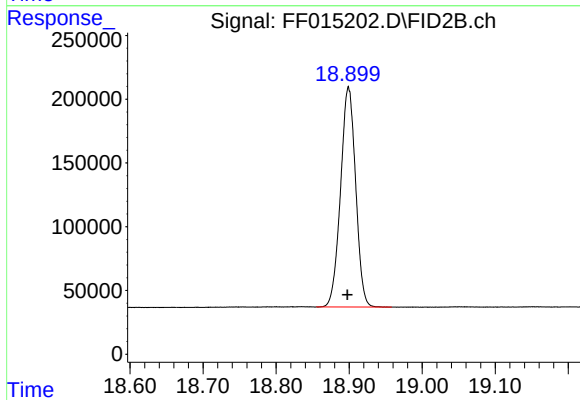
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2645344
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

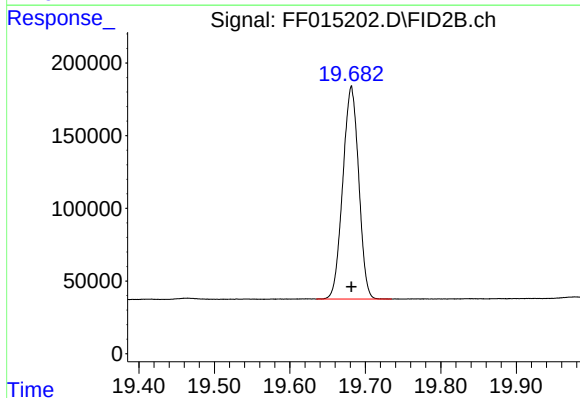
R.T.: 18.068 min
Delta R.T.: 0.001 min
Response: 2623187
Conc: 19.36 ug/ml

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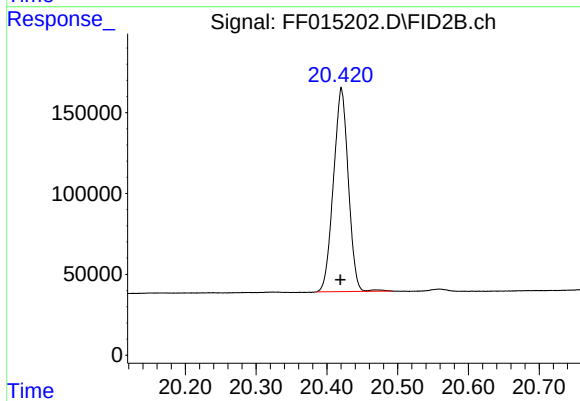
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.001 min
Response: 2477335
Conc: 19.22 ug/ml



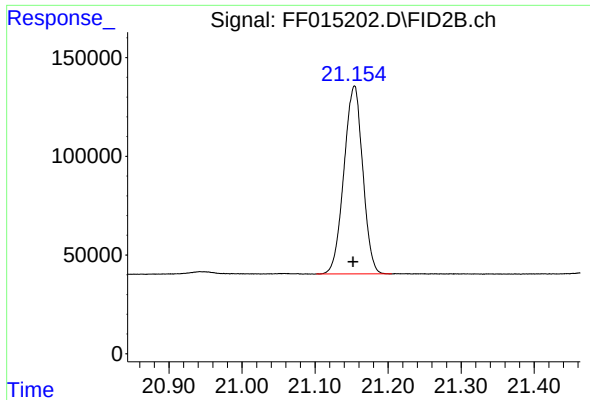
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.000 min
Response: 2141392
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

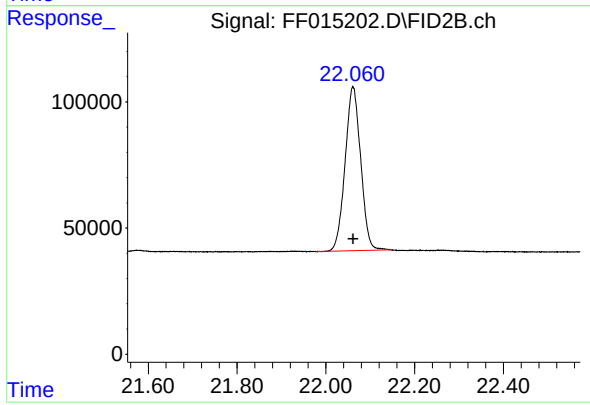
R.T.: 20.421 min
Delta R.T.: 0.001 min
Response: 1836118
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: 0.002 min
Response: 1702621
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: 0.000 min
Response: 1581485
Conc: 19.99 ug/ml