

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053392.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 18:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 16 19:24:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.884	3592156	19.916 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.329	2698440	19.962 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.229	2729694	19.910 ug/ml
2) T n-Decane (C10)	4.490	2748010	19.865 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3014099	19.968 ug/ml
4) T n-Dodecane (C12)	6.669	2785938	19.864 ug/ml
5) T A~2-methylnaphthalene...	7.304	2998640	20.084 ug/ml
6) T n-Tetradecane (C14)	8.506	2790709	19.892 ug/ml
7) T n-Hexadecane (C16)	10.120	2856402	19.930 ug/ml
8) T n-Octadecane (C18)	11.570	2904509	19.930 ug/ml
10) T n-Eicosane (C20)	12.884	2899926	19.929 ug/ml
11) T n-Heneicosane (C21)	13.497	2887388	19.934 ug/ml
13) T n-Docosane (C22)	14.085	2871168	19.897 ug/ml
14) T n-Tetracosane (C24)	15.192	2844489	19.803 ug/ml
15) T n-Hexacosane (C26)	16.216	2796796	19.747 ug/ml
16) T n-Octacosane (C28)	17.168	2737911	19.679 ug/ml
17) T n-Tricontane (C30)	18.058	2734044	19.642 ug/ml
18) T n-Dotriacontane (C32)	18.892	2693828	19.619 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2567446	19.705 ug/ml
20) T n-Hexatriacontane (C36)	20.418	2523463	19.988 ug/ml
21) T n-Octatriacontane (C38)	21.155	2409665	19.779 ug/ml
22) T n-Tetracontane (C40)	22.067	2357865	19.744 ug/ml

(f)=RT Delta > 1/2 Window

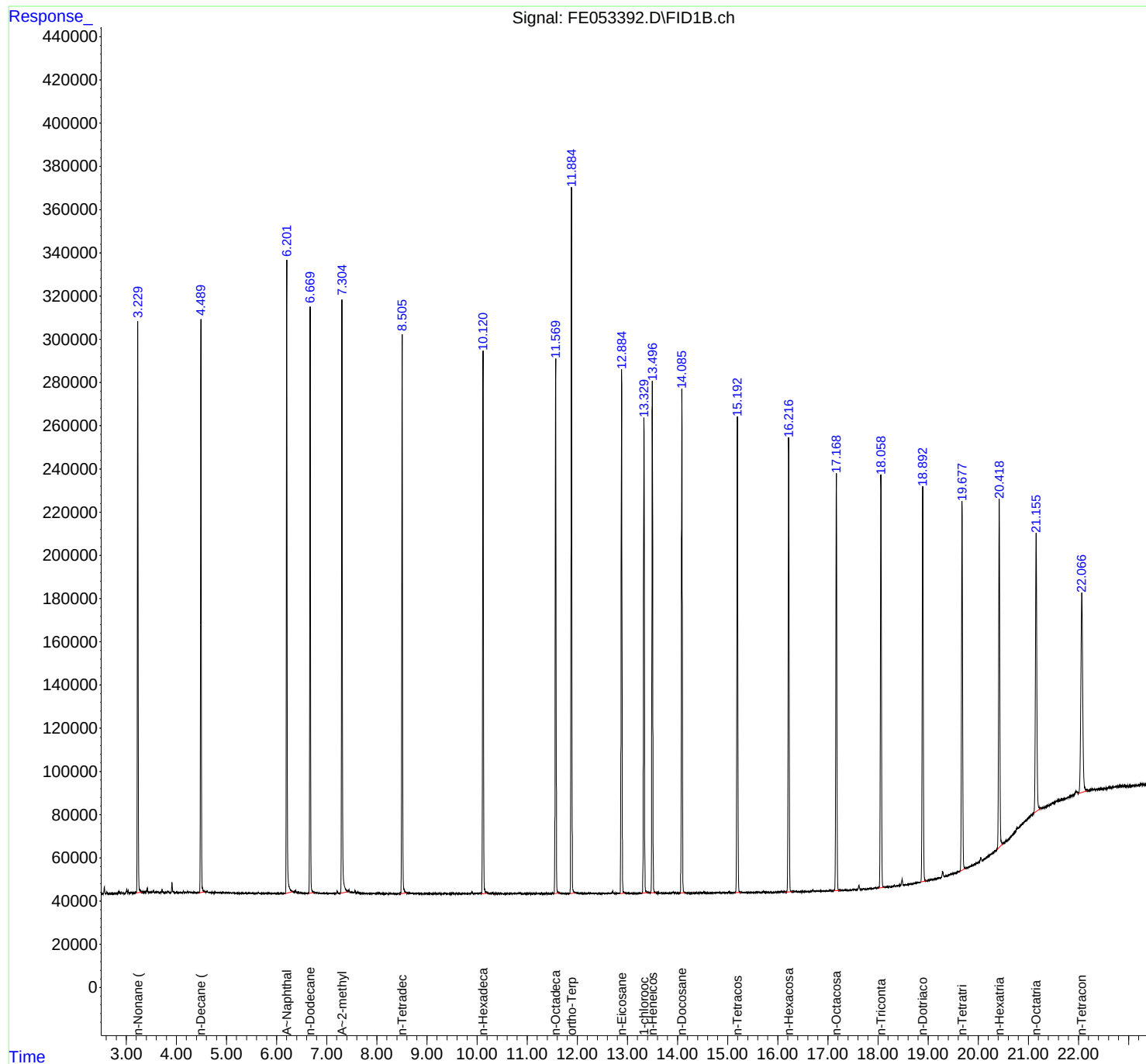
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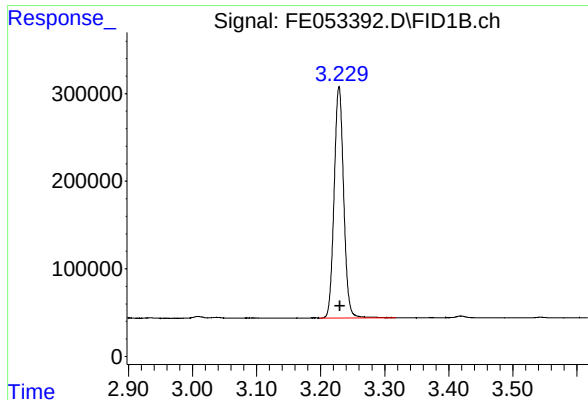
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#1 n-Nonane (C9)

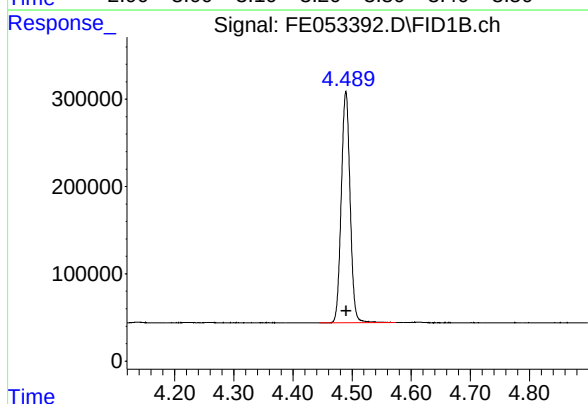
R.T.: 3.229 min
Delta R.T.: -0.001 min
Response: 2729694
Conc: 19.91 ug/ml

Instrument :

FID_E

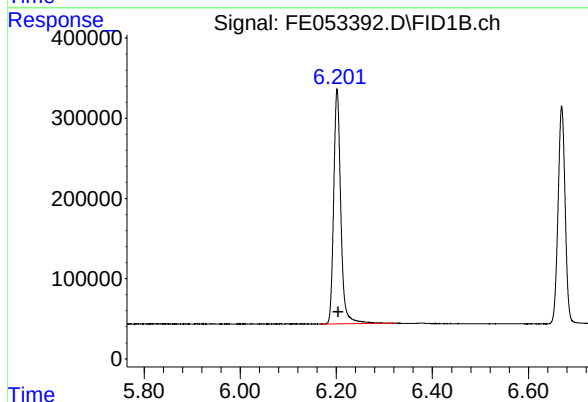
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



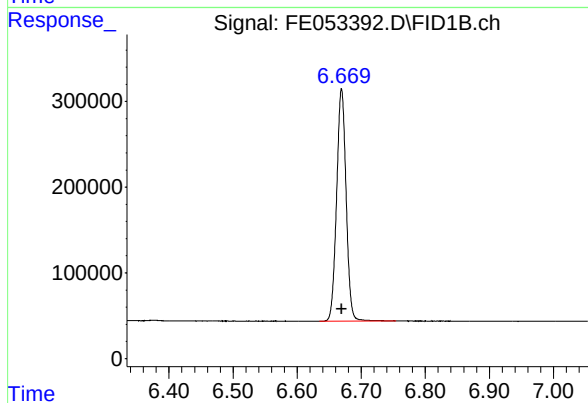
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2748010
Conc: 19.86 ug/ml



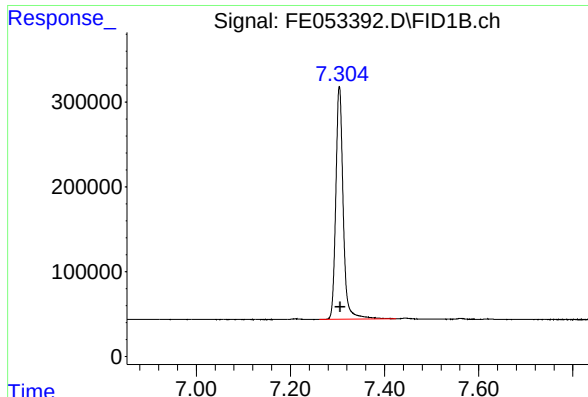
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 3014099
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2785938
Conc: 19.86 ug/ml



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

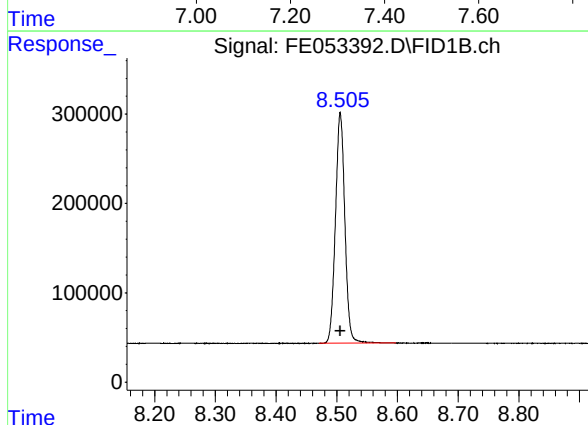
R.T.: 7.304 min
Delta R.T.: -0.002 min
Response: 2998640
Conc: 20.08 ug/ml

Instrument :

FID_E

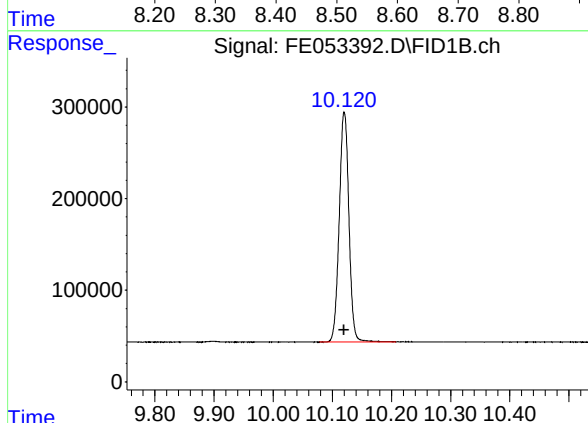
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



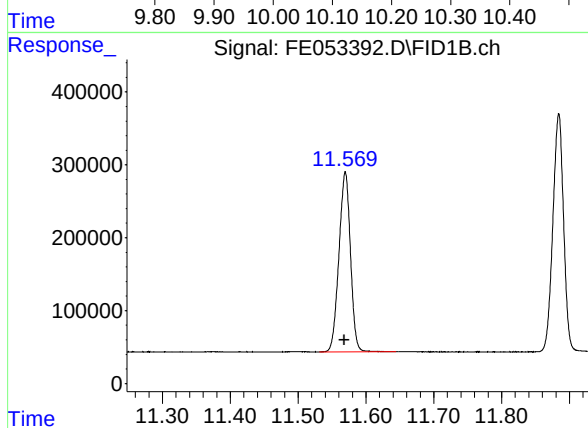
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 2790709
Conc: 19.89 ug/ml



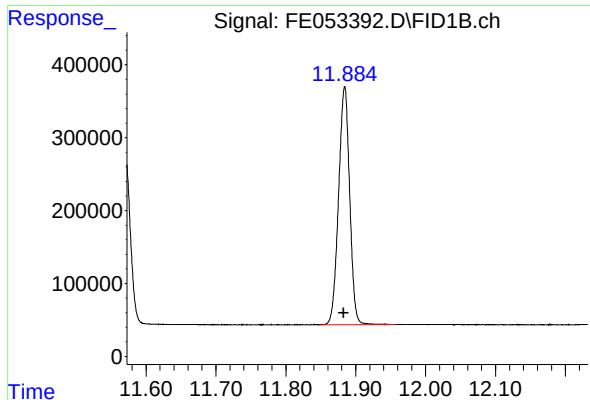
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 2856402
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.001 min
Response: 2904509
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

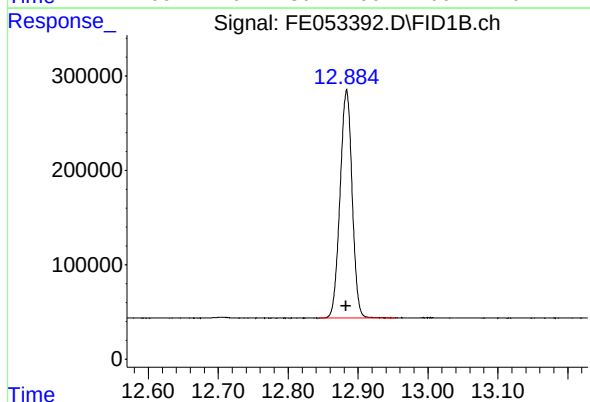
R.T.: 11.884 min
Delta R.T.: 0.001 min
Response: 3592156
Conc: 19.92 ug/ml

Instrument :

FID_E

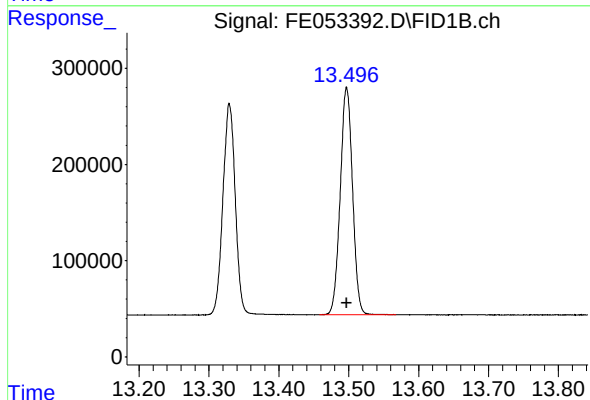
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



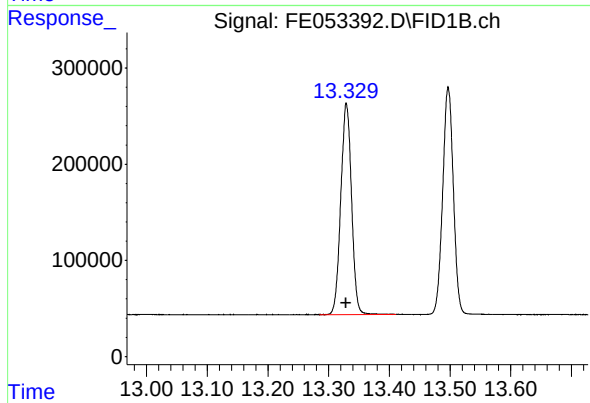
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.001 min
Response: 2899926
Conc: 19.93 ug/ml



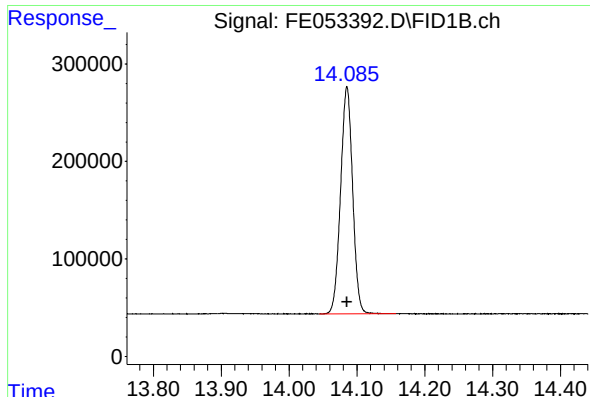
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 2887388
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: 0.000 min
Response: 2698440
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

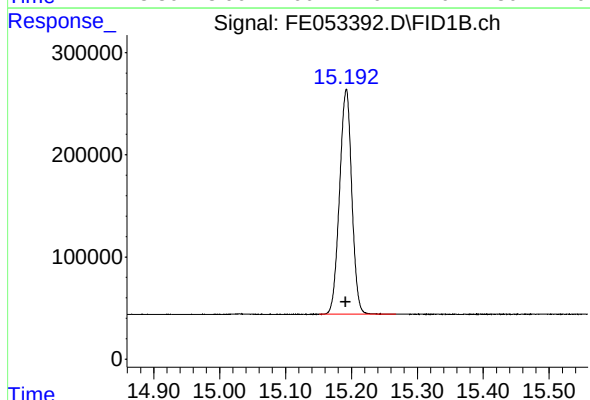
R.T.: 14.085 min
Delta R.T.: 0.000 min
Response: 2871168
Conc: 19.90 ug/ml

Instrument :

FID_E

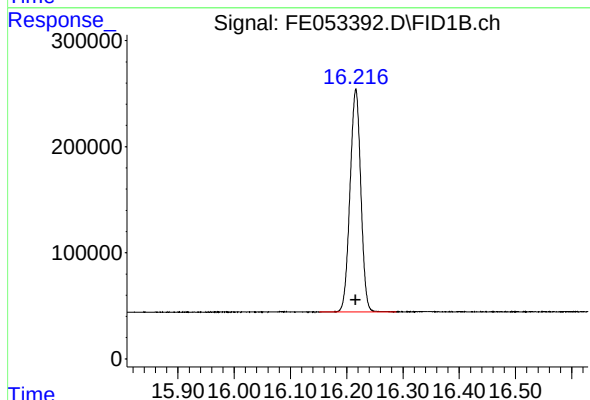
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



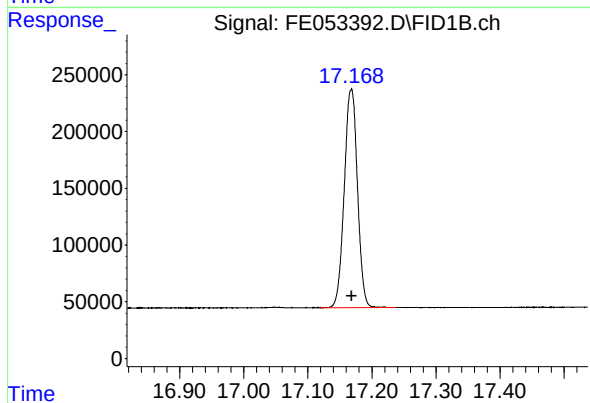
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: 0.000 min
Response: 2844489
Conc: 19.80 ug/ml



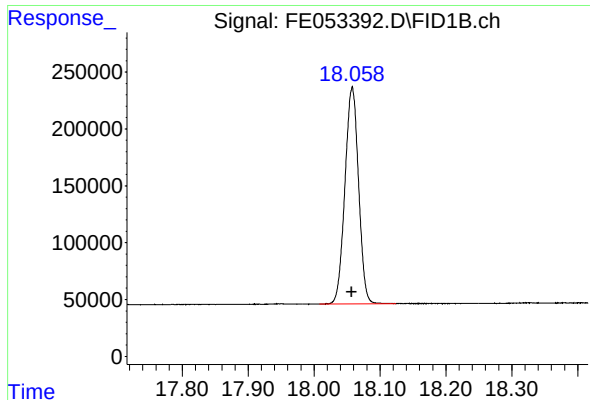
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 2796796
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: 0.000 min
Response: 2737911
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

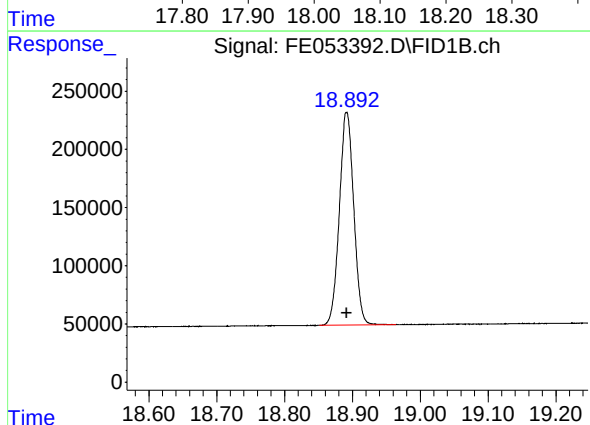
R.T.: 18.058 min
Delta R.T.: 0.000 min
Response: 2734044
Conc: 19.64 ug/ml

Instrument :

FID_E

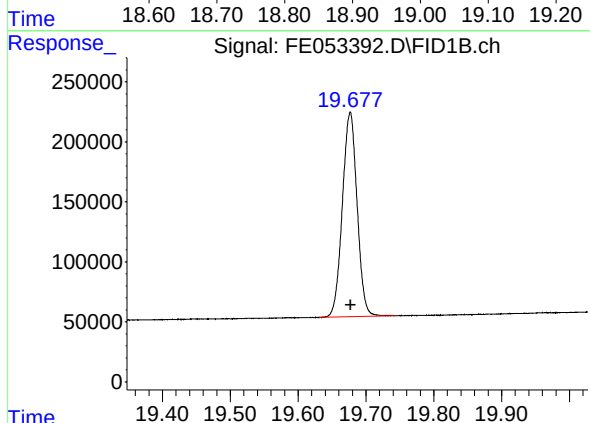
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



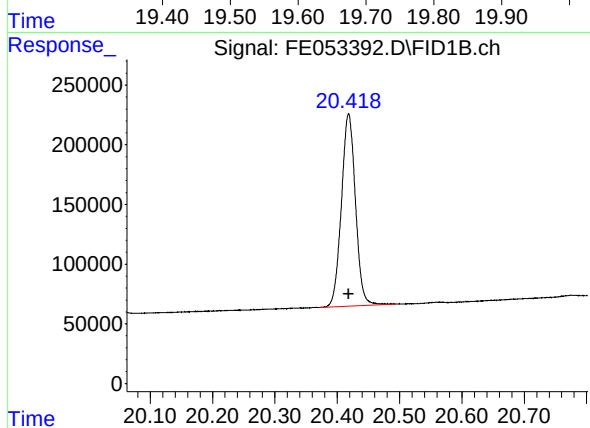
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 2693828
Conc: 19.62 ug/ml



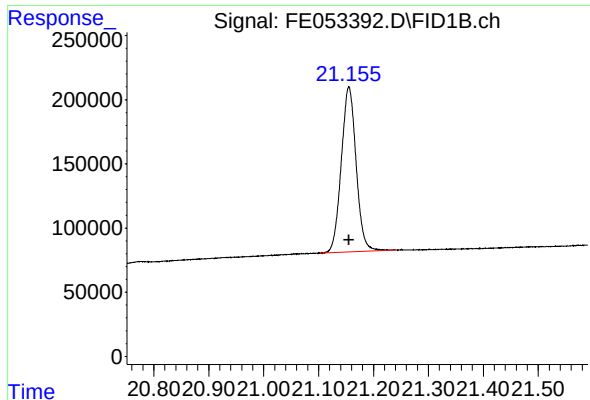
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.000 min
Response: 2567446
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: 0.000 min
Response: 2523463
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

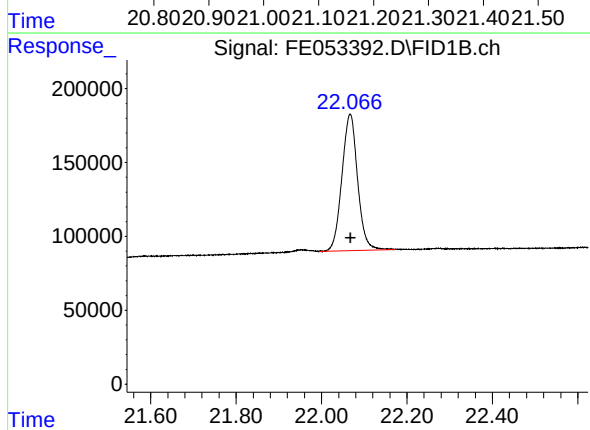
R.T.: 21.155 min
Delta R.T.: 0.000 min
Response: 2409665
Conc: 19.78 ug/ml

Instrument :

FID_E

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#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.002 min
Response: 2357865
Conc: 19.74 ug/ml