

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053062.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 02:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 31 02:46:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	3305867	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	13.340	2435431	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.241	3144906	20.311 ug/ml
2) T n-Decane (C10)	4.502	3190145	20.338 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3429813	20.417 ug/ml
4) T n-Dodecane (C12)	6.682	3188817	20.389 ug/ml
5) T A~2-methylnaphthalene...	7.316	3264250	20.458 ug/ml
6) T n-Tetradecane (C14)	8.518	3114031	20.338 ug/ml
7) T n-Hexadecane (C16)	10.132	3136071	20.345 ug/ml
8) T n-Octadecane (C18)	11.580	3082468	20.324 ug/ml
10) T n-Eicosane (C20)	12.894	2891595	20.281 ug/ml
11) T n-Heneicosane (C21)	13.508	2818447	20.310 ug/ml
13) T n-Docosane (C22)	14.095	2782053	20.314 ug/ml
14) T n-Tetracosane (C24)	15.201	2739887	20.287 ug/ml
15) T n-Hexacosane (C26)	16.225	2707291	20.293 ug/ml
16) T n-Octacosane (C28)	17.177	2675667	20.275 ug/ml
17) T n-Tricontane (C30)	18.066	2741072	20.223 ug/ml
18) T n-Dotriacontane (C32)	18.900	2708370	20.127 ug/ml
19) T n-Tetratriacontane (C34)	19.684	2604010	20.124 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2402460	20.224 ug/ml
21) T n-Octatriacontane (C38)	21.166	2315805	20.149 ug/ml
22) T n-Tetracontane (C40)	22.081	2245217	19.991 ug/ml

(f)=RT Delta > 1/2 Window

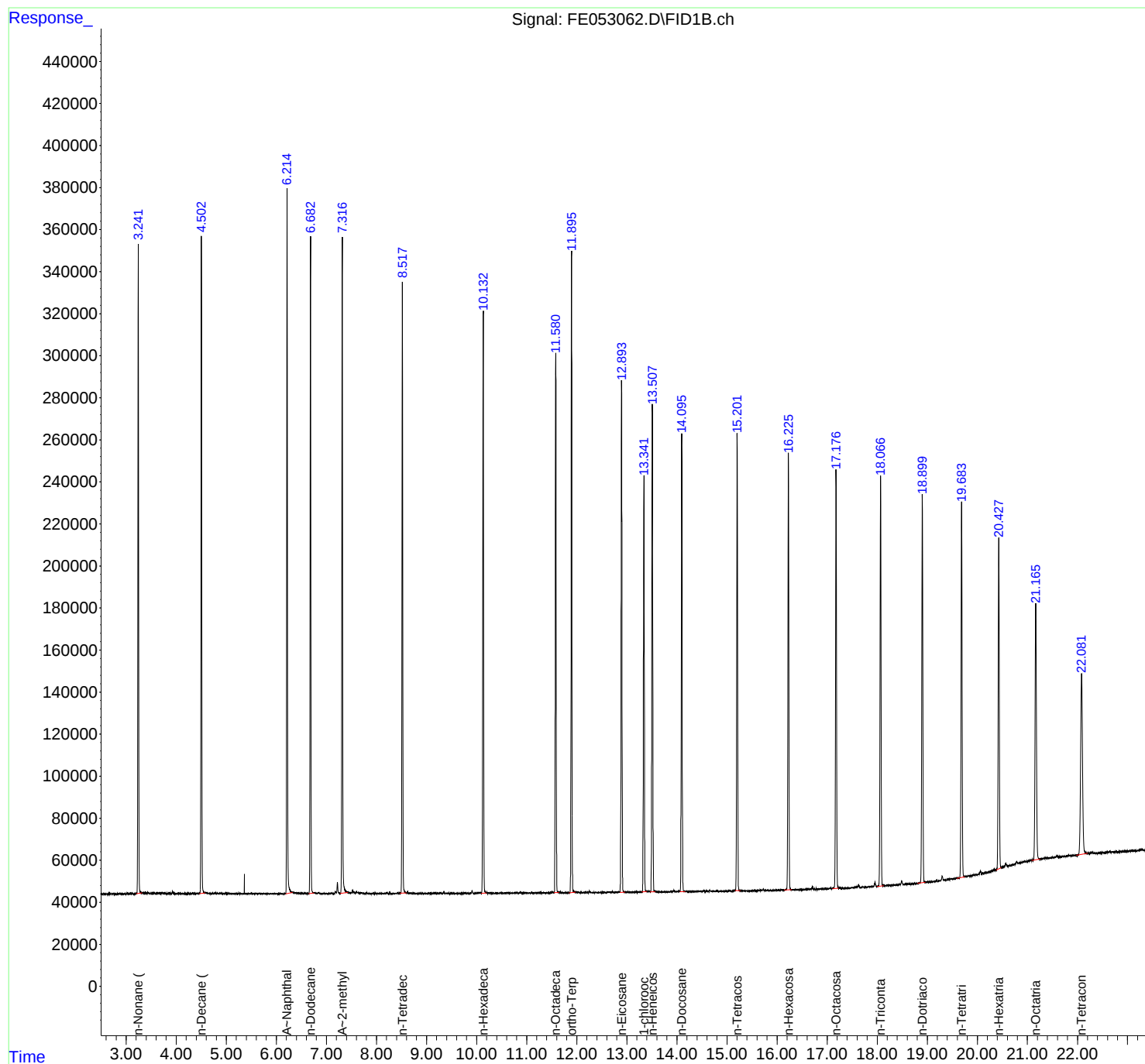
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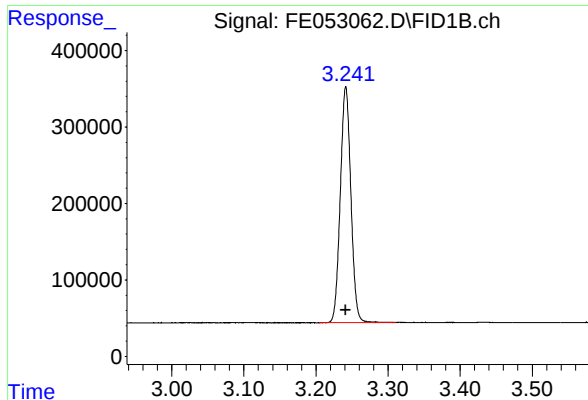
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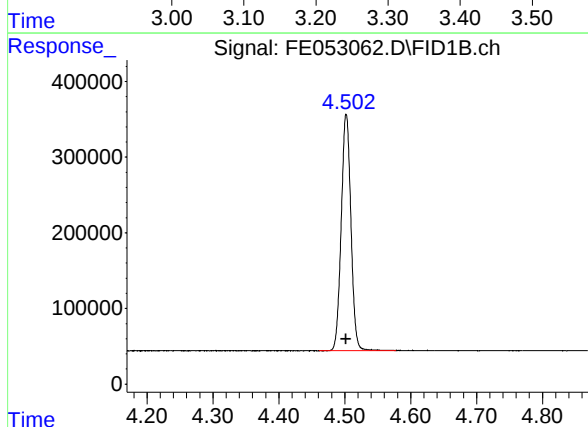




#1 n-Nonane (C9)

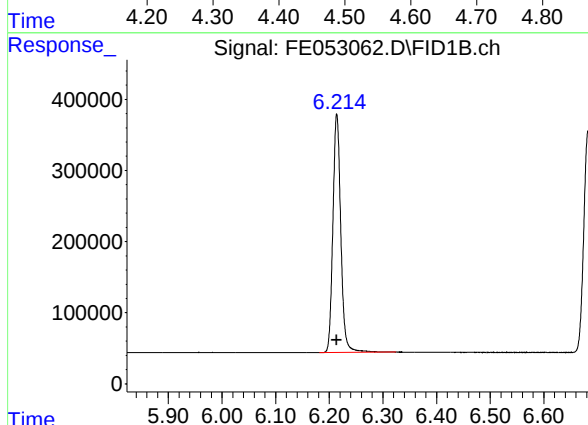
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3144906
Conc: 20.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



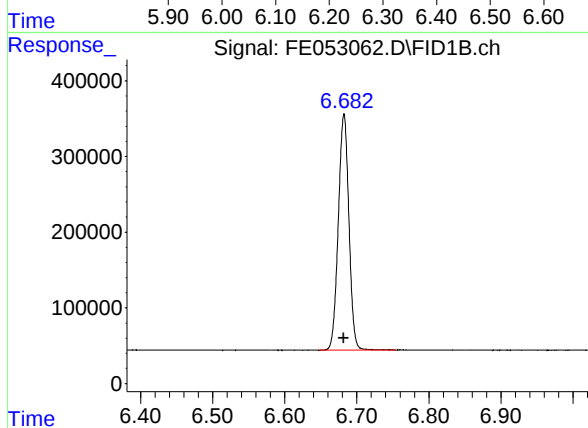
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3190145
Conc: 20.34 ug/ml



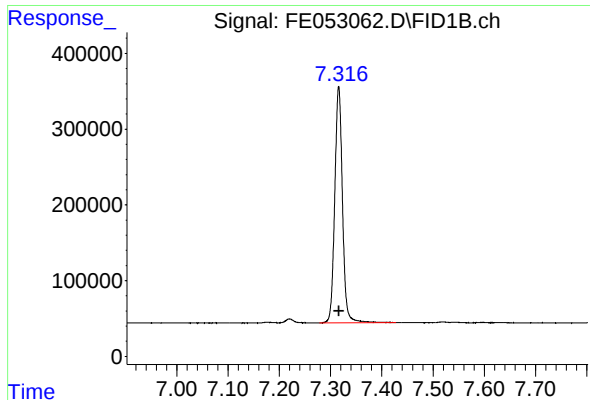
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3429813
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3188817
Conc: 20.39 ug/ml



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

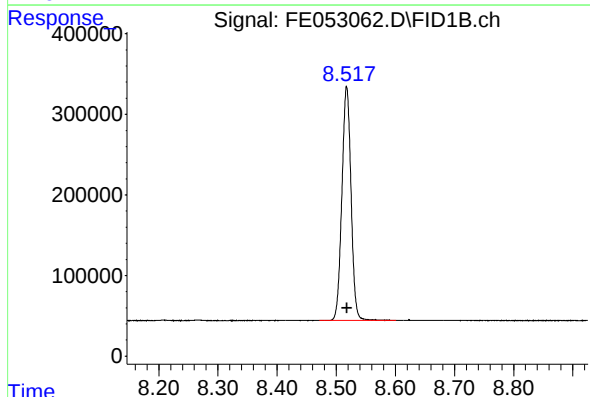
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 3264250
Conc: 20.46 ug/ml

Instrument :

FID_E

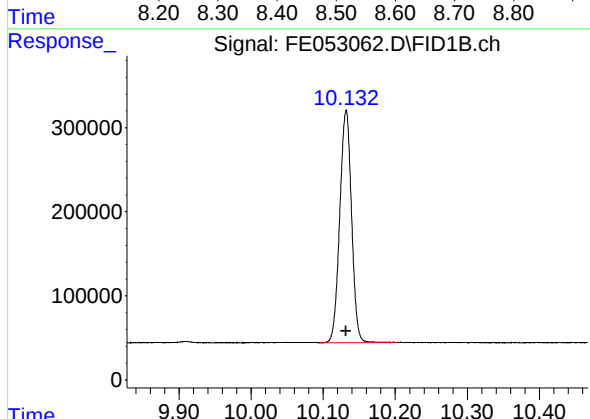
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



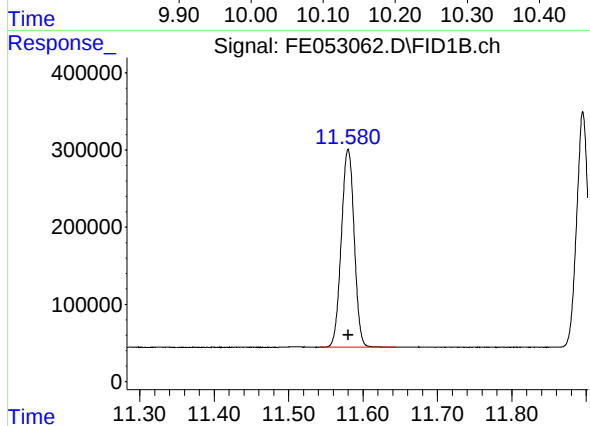
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3114031
Conc: 20.34 ug/ml



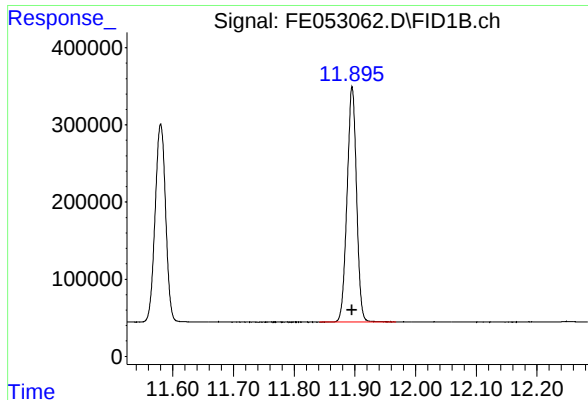
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3136071
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3082468
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

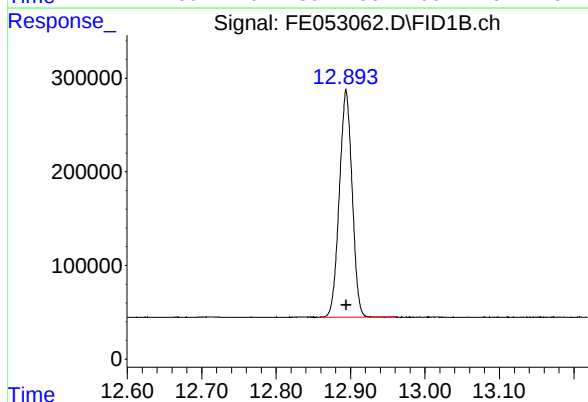
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3305867
Conc: 20.30 ug/ml

Instrument :

FID_E

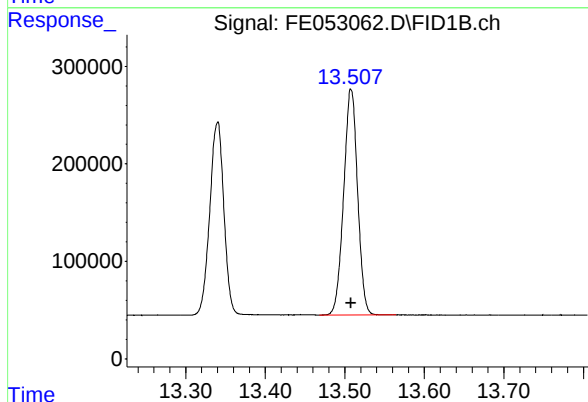
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



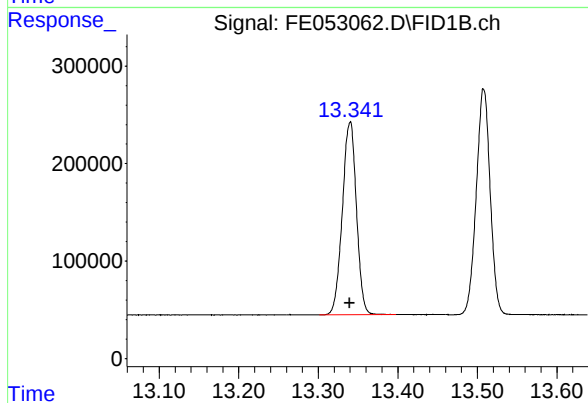
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2891595
Conc: 20.28 ug/ml



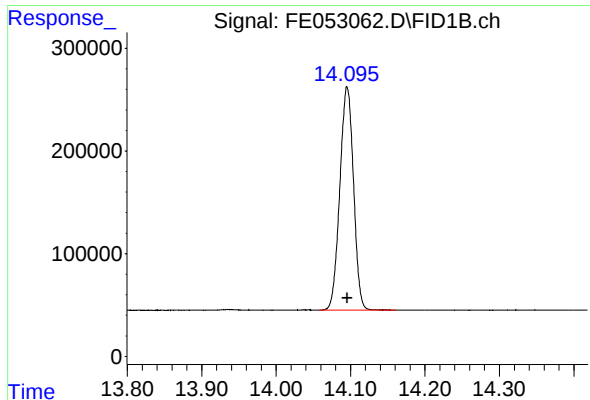
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2818447
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2435431
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

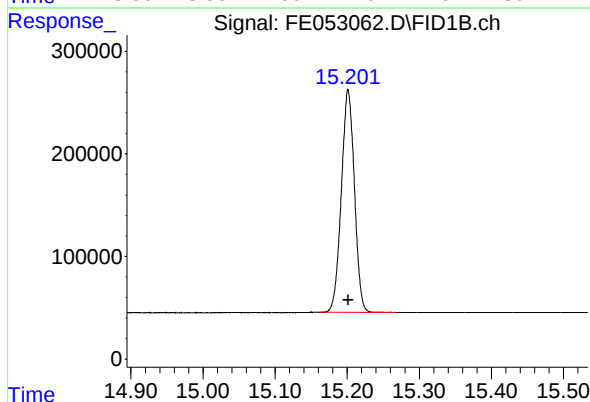
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 2782053
Conc: 20.31 ug/ml

Instrument :

FID_E

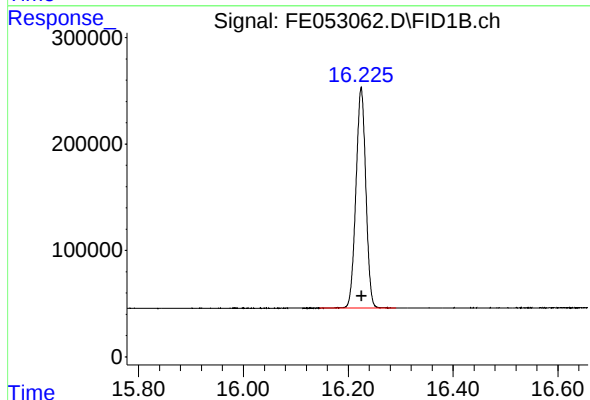
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



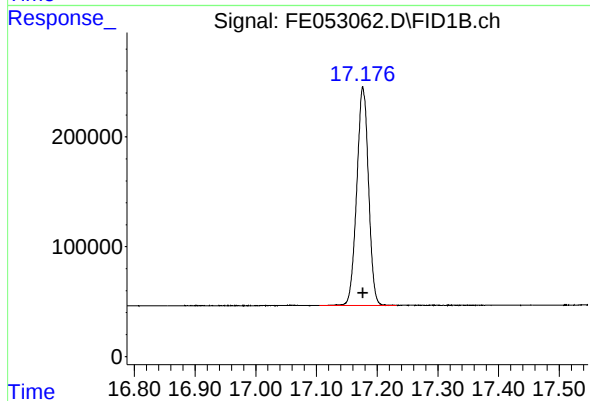
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2739887
Conc: 20.29 ug/ml



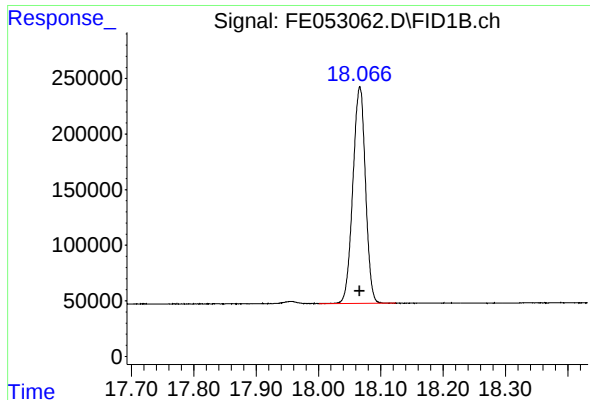
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2707291
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 2675667
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

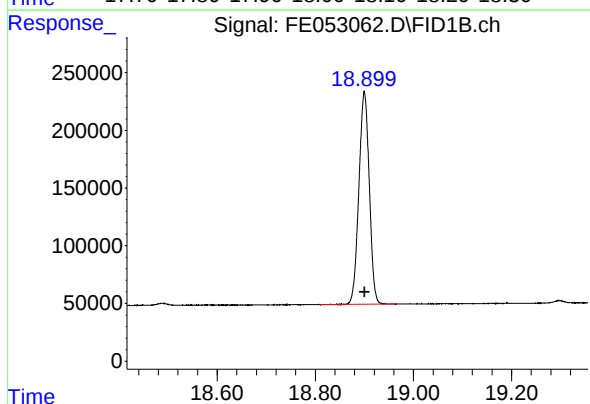
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2741072
Conc: 20.22 ug/ml

Instrument :

FID_E

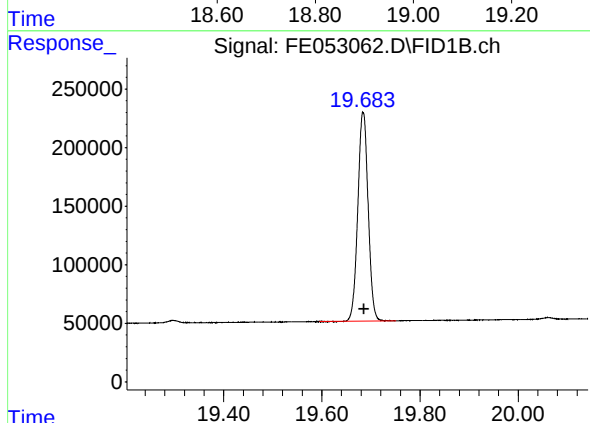
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



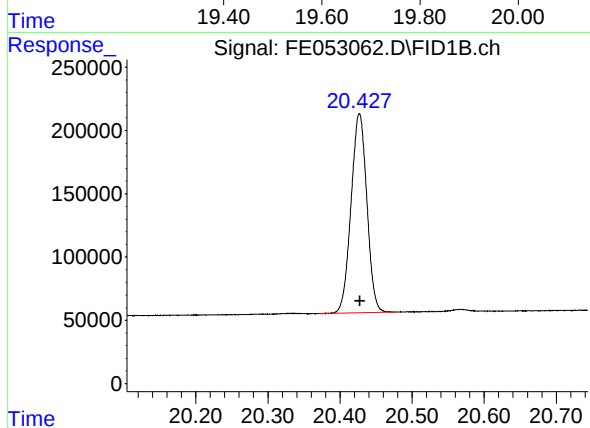
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2708370
Conc: 20.13 ug/ml



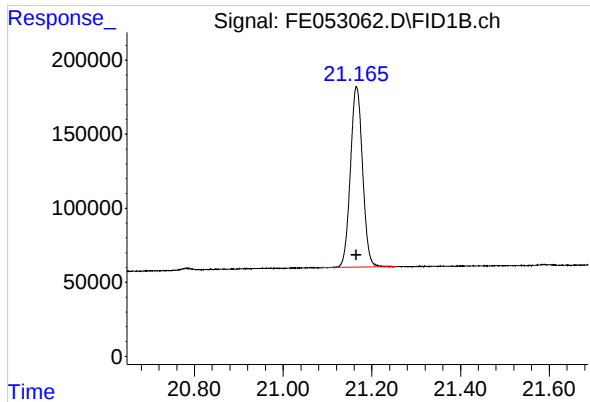
#19 n-Tetatriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 2604010
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

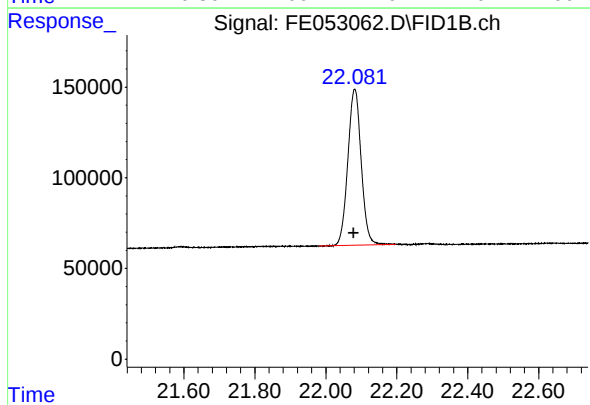
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 2402460
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.000 min
Response: 2315805
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.003 min
Response: 2245217
Conc: 19.99 ug/ml