

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052382.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 21:14
 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: Feb 14 00:52:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.919	3704380	19.817 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.365	2733199	19.664 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.255	3089638	20.128 ug/ml
2) T n-Decane (C10)	4.517	3145198	20.137 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3475678	20.117 ug/ml
4) T n-Dodecane (C12)	6.699	3168502	20.074 ug/ml
5) T A~2-methylnaphthalene...	7.332	3375867	20.101 ug/ml
6) T n-Tetradecane (C14)	8.537	3148430	19.988 ug/ml
7) T n-Hexadecane (C16)	10.153	3251712	19.896 ug/ml
8) T n-Octadecane (C18)	11.604	3269477	19.760 ug/ml
10) T n-Eicosane (C20)	12.920	3133859	19.658 ug/ml
11) T n-Heneicosane (C21)	13.534	3079368	19.655 ug/ml
13) T n-Docosane (C22)	14.122	3059726	19.551 ug/ml
14) T n-Tetracosane (C24)	15.231	3039850	19.329 ug/ml
15) T n-Hexacosane (C26)	16.255	2981100	19.247 ug/ml
16) T n-Octacosane (C28)	17.208	2925346	19.125 ug/ml
17) T n-Tricontane (C30)	18.099	2979964	19.090 ug/ml
18) T n-Dotriacontane (C32)	18.934	2898957	18.945 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2683159	18.861 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2336438	18.746 ug/ml
21) T n-Octatriacontane (C38)	21.209	2101895	19.230 ug/ml
22) T n-Tetracontane (C40)	22.134	1962177	19.507 ug/ml

(f)=RT Delta > 1/2 Window

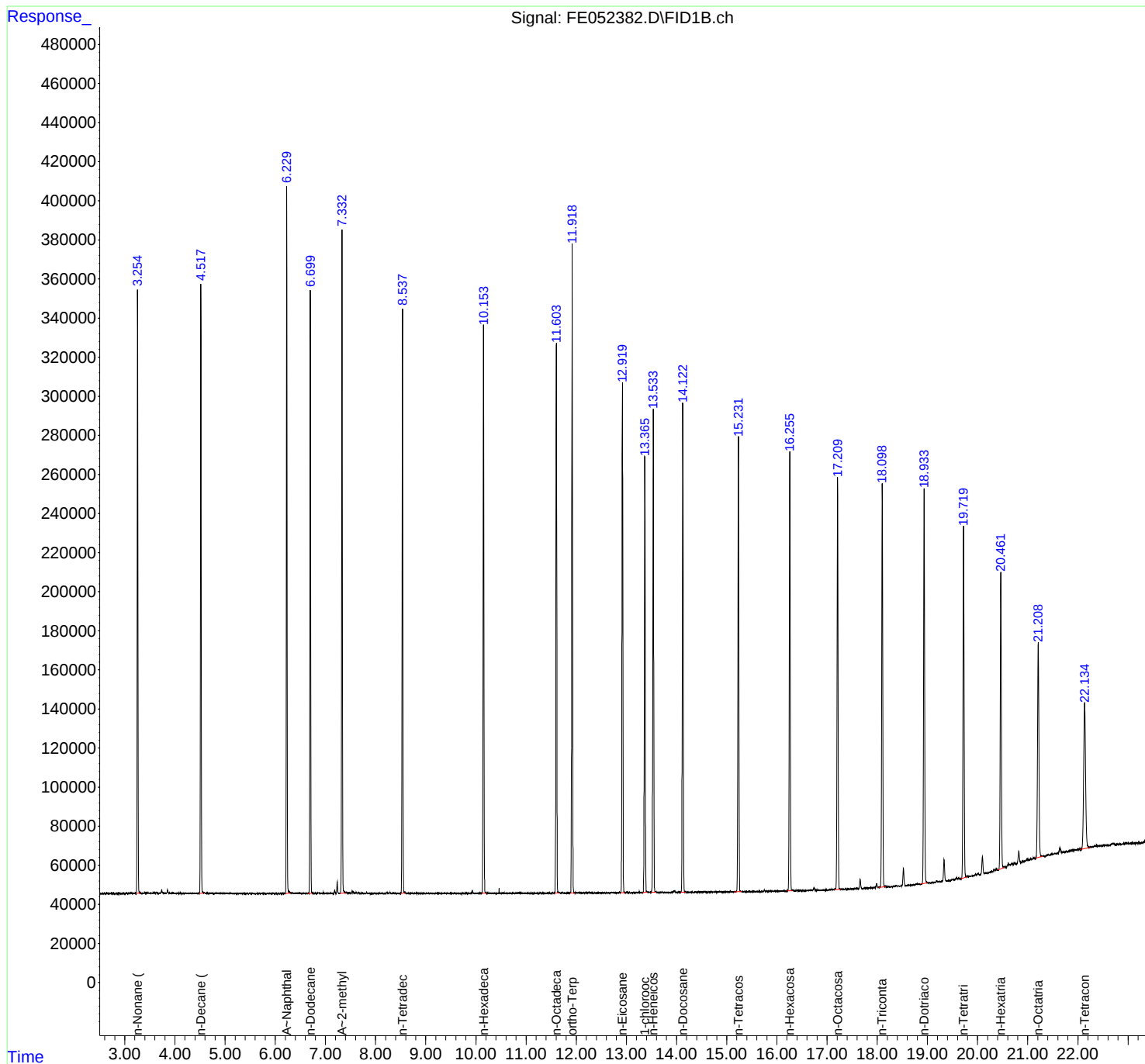
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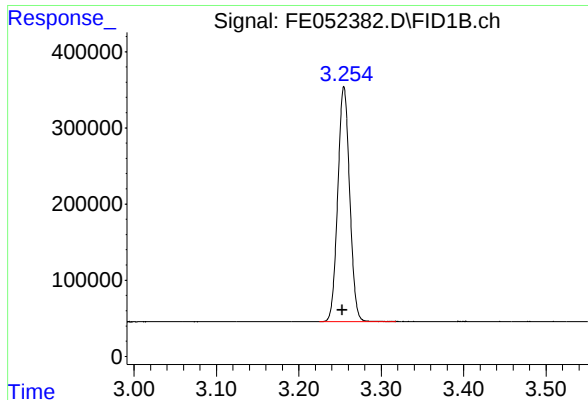
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
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#1 n-Nonane (C9)

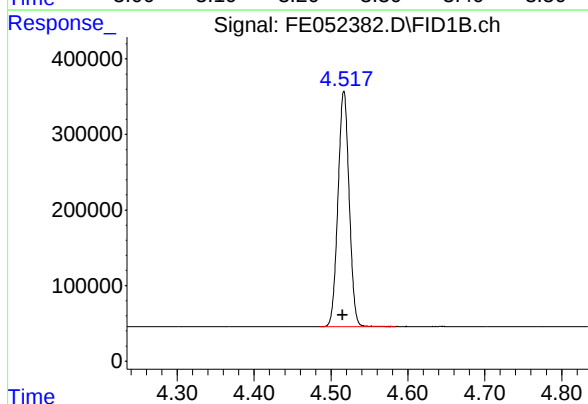
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3089638
Conc: 20.13 ug/ml

Instrument :

FID_E

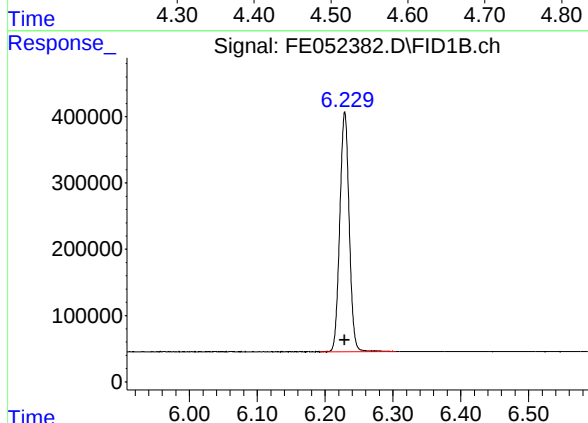
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



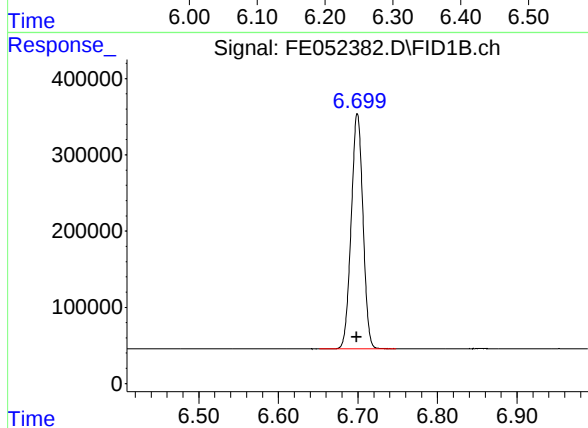
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 3145198
Conc: 20.14 ug/ml



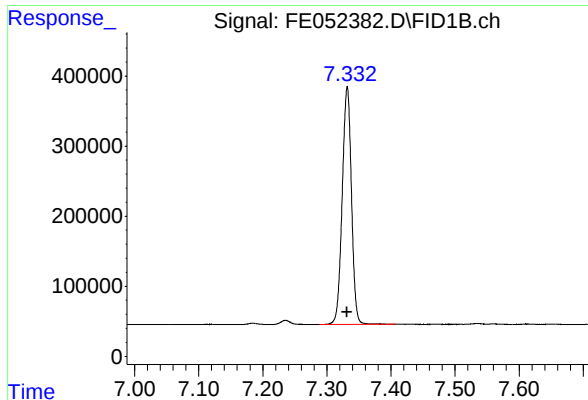
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3475678
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

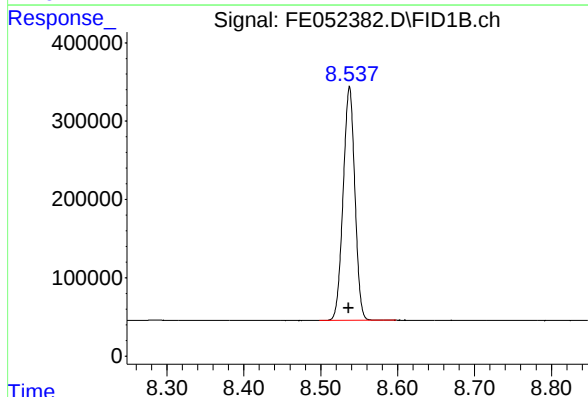
R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 3168502
Conc: 20.07 ug/ml



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

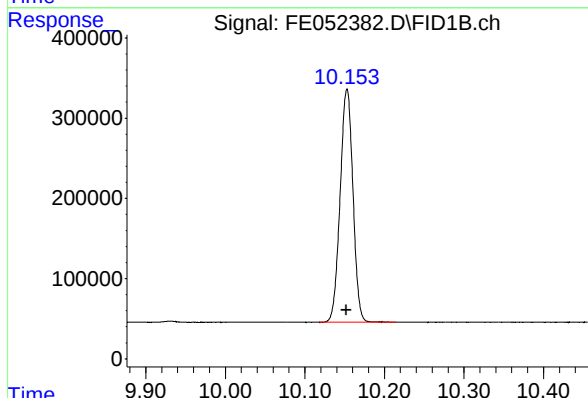
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 3375867
Conc: 20.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



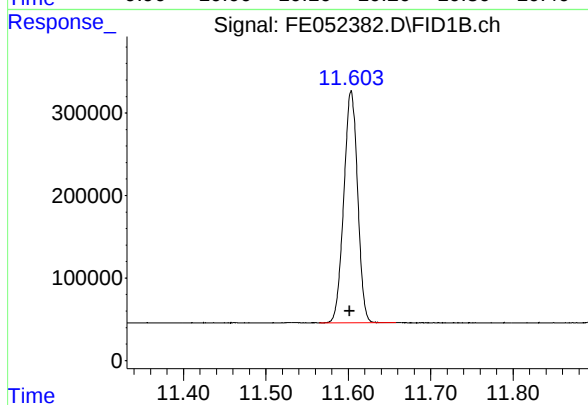
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 3148430
Conc: 19.99 ug/ml



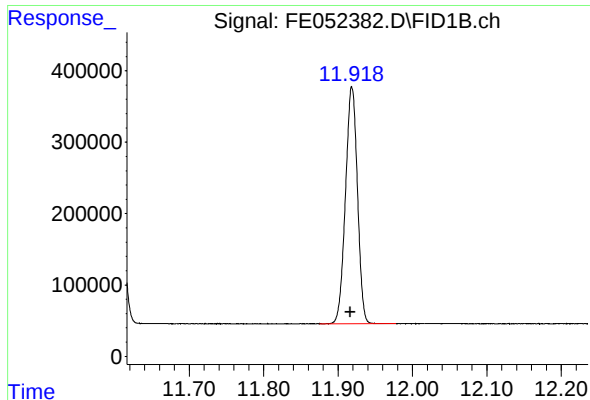
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 3251712
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

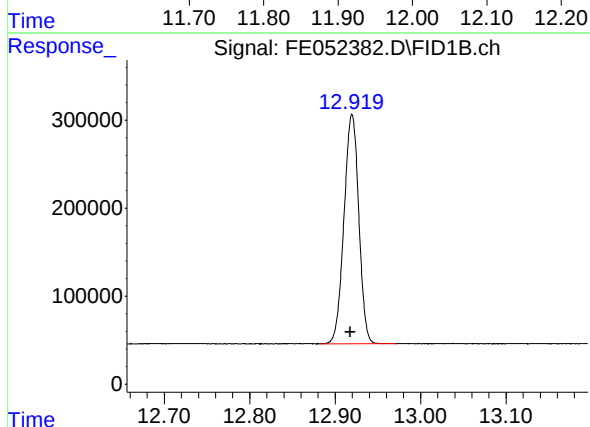
R.T.: 11.604 min
Delta R.T.: 0.002 min
Response: 3269477
Conc: 19.76 ug/ml



#9 ortho-Terphenyl (SURR)

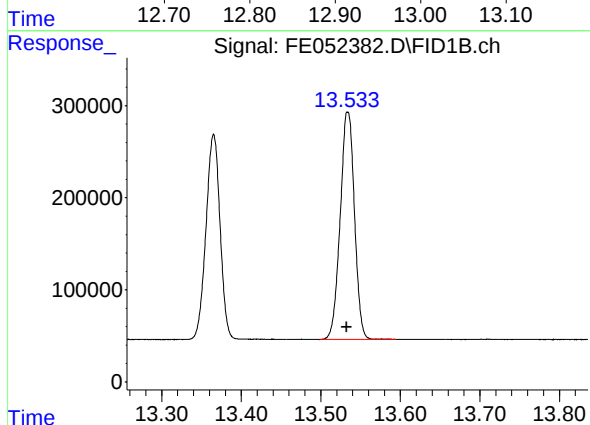
R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 3704380
Conc: 19.82 ug/ml

Instrument :
FID_E
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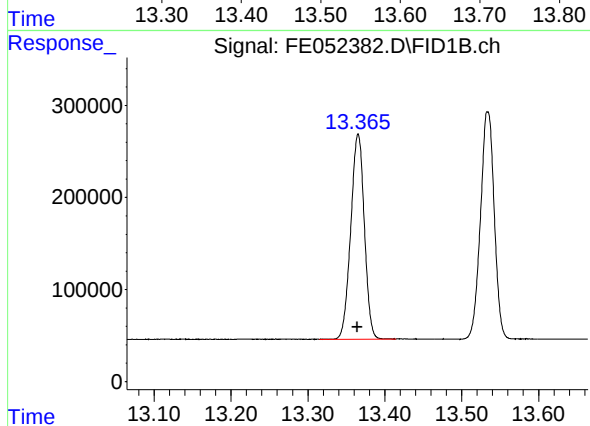
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.002 min
Response: 3133859
Conc: 19.66 ug/ml



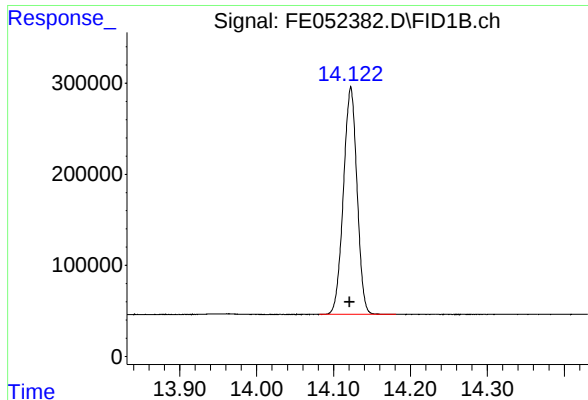
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.002 min
Response: 3079368
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.001 min
Response: 2733199
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

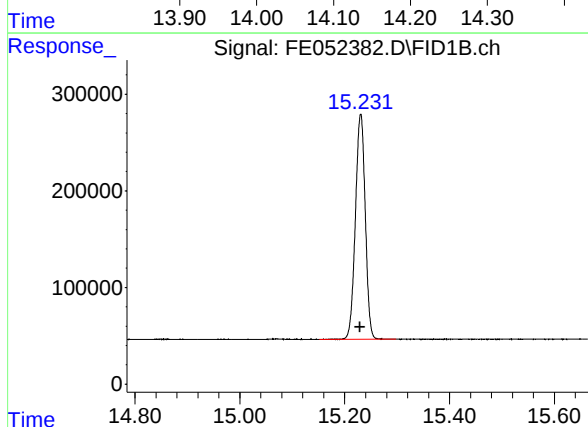
R.T.: 14.122 min
Delta R.T.: 0.001 min
Response: 3059726
Conc: 19.55 ug/ml

Instrument :

FID_E

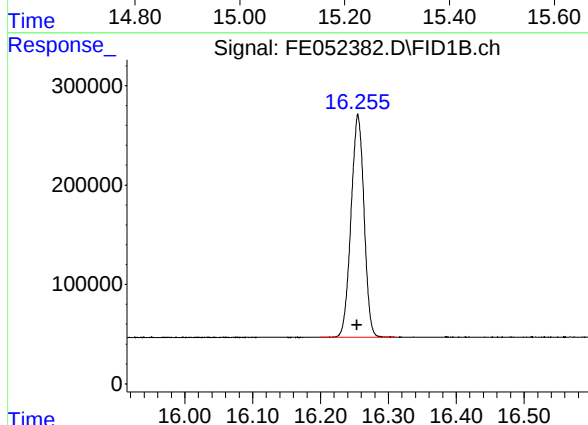
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



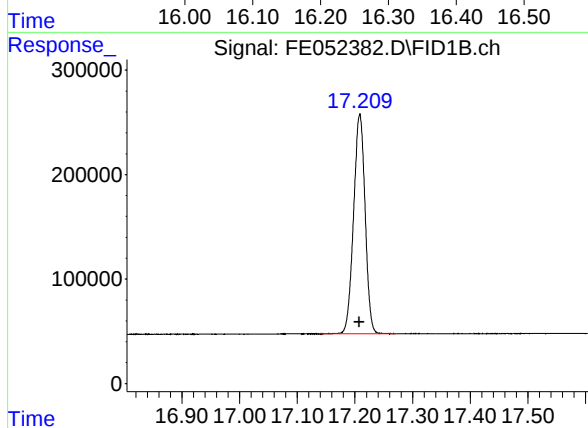
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.001 min
Response: 3039850
Conc: 19.33 ug/ml



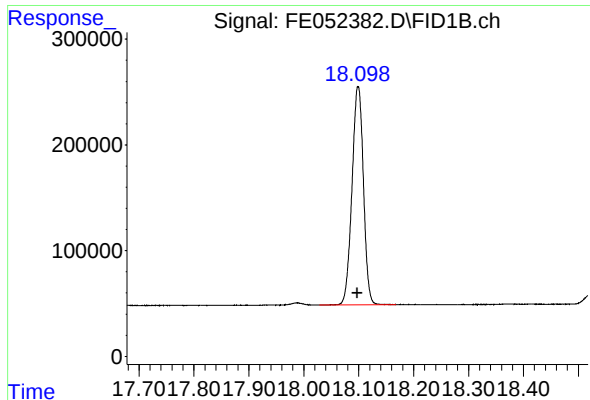
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.001 min
Response: 2981100
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 2925346
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

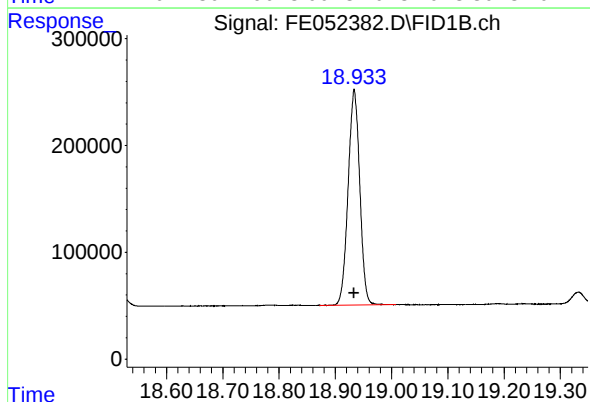
R.T.: 18.099 min
Delta R.T.: 0.002 min
Response: 2979964
Conc: 19.09 ug/ml

Instrument :

FID_E

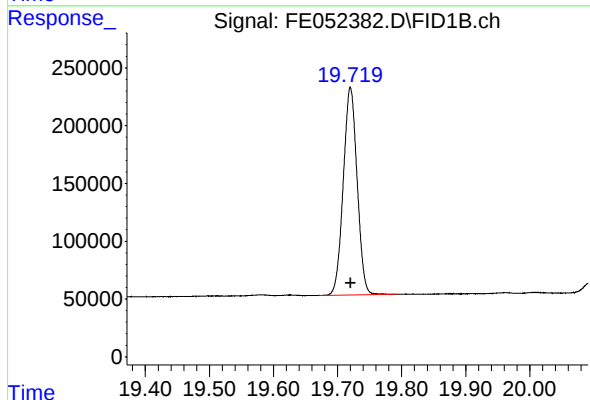
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



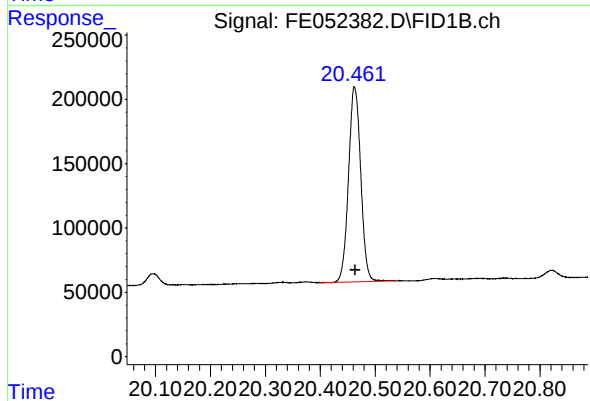
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 2898957
Conc: 18.95 ug/ml



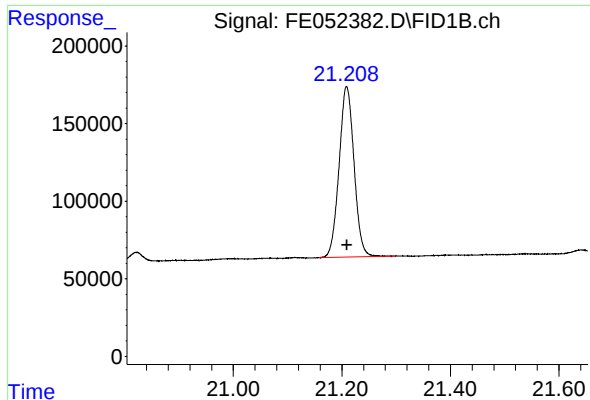
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2683159
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.000 min
Response: 2336438
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

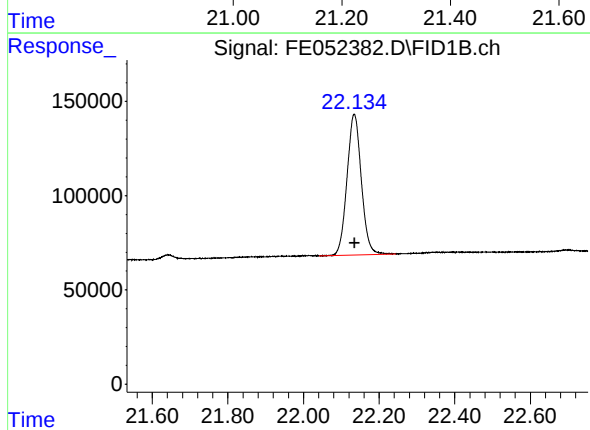
R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 2101895
Conc: 19.23 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: -0.001 min
Response: 1962177
Conc: 19.51 ug/ml