

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048821.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 17:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 20 18:21:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.932	3374266	20.180 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
12) S 1-chlorooctadecane (S...	13.366	2598685	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.324	3043243	20.242 ug/ml
2) T n-Decane (C10)	4.572	3103446	20.167 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3207059	20.202 ug/ml
4) T n-Dodecane (C12)	6.736	3108370	20.135 ug/ml
5) T A~2-methylnaphthalene...	7.371	3062977	20.226 ug/ml
6) T n-Tetradecane (C14)	8.563	3079496	20.093 ug/ml
7) T n-Hexadecane (C16)	10.170	3147814	20.132 ug/ml
8) T n-Octadecane (C18)	11.612	3223787	20.213 ug/ml
10) T n-Eicosane (C20)	12.921	3129441	20.185 ug/ml
11) T n-Heneicosane (C21)	13.532	3081246	20.236 ug/ml
13) T n-Docosane (C22)	14.118	3056835	20.213 ug/ml
14) T n-Tetracosane (C24)	15.220	3045256	20.264 ug/ml
15) T n-Hexacosane (C26)	16.241	2985847	20.225 ug/ml
16) T n-Octacosane (C28)	17.188	2925781	20.288 ug/ml
17) T n-Tricontane (C30)	18.075	2983452	20.393 ug/ml
18) T n-Dotriacontane (C32)	18.907	2940600	20.567 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2842424	20.542 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2735320	21.046 ug/ml
21) T n-Octatriacontane (C38)	21.164	2640512	20.598 ug/ml
22) T n-Tetracontane (C40)	22.074	2502635	20.436 ug/ml

(f)=RT Delta > 1/2 Window

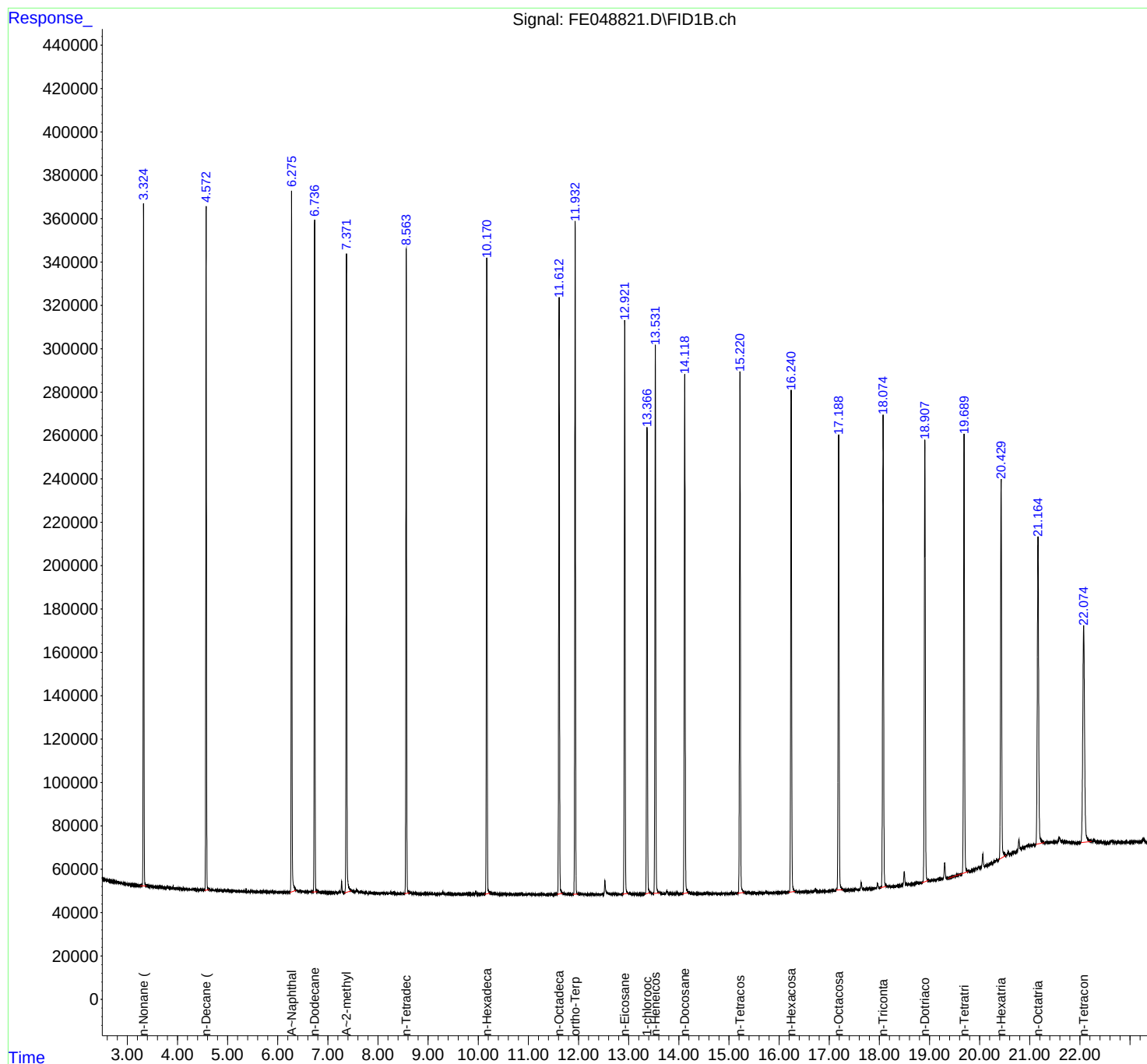
(m)=manual int.

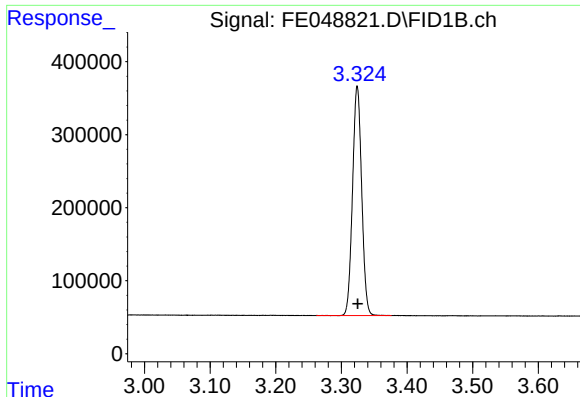
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
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#1 n-Nonane (C9)

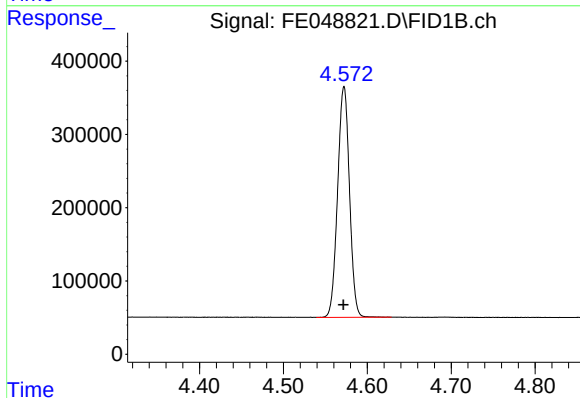
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 3043243
Conc: 20.24 ug/ml

Instrument :

FID_E

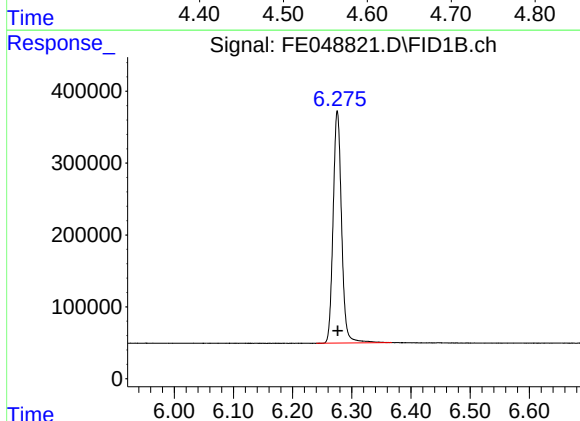
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



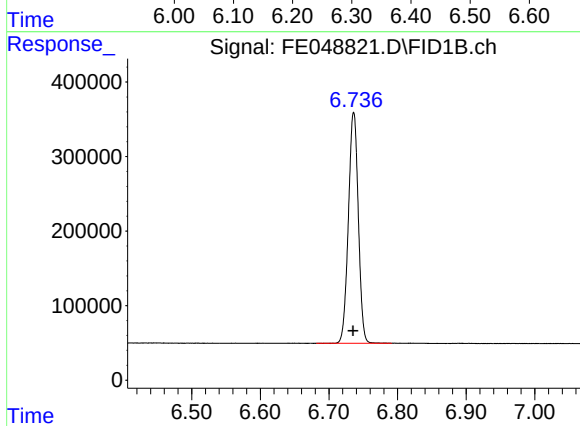
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 3103446
Conc: 20.17 ug/ml



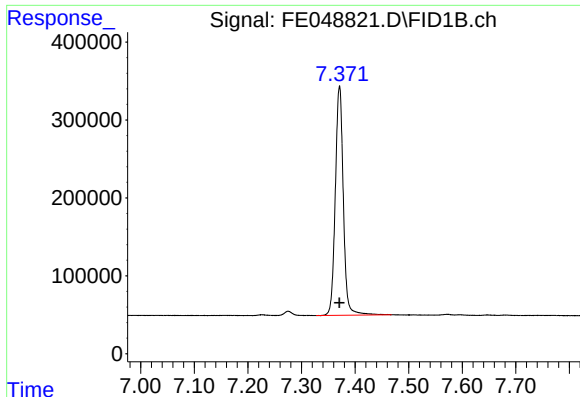
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 3207059
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

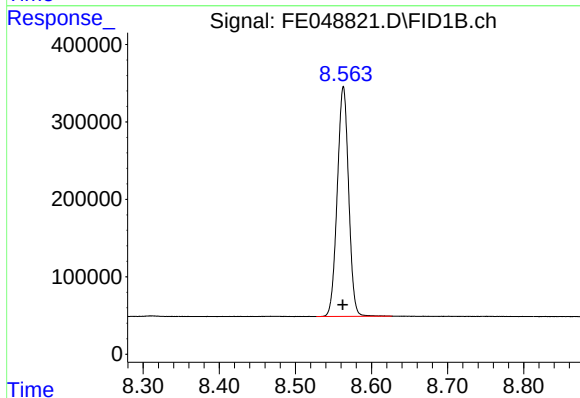
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 3108370
Conc: 20.14 ug/ml



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

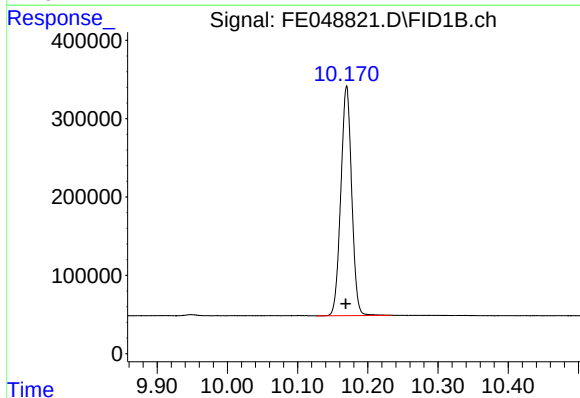
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 3062977
Conc: 20.23 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



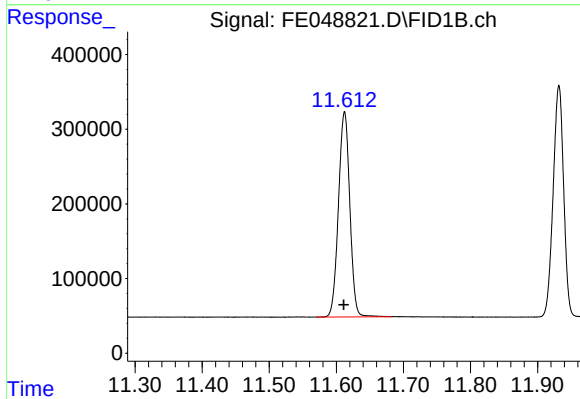
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 3079496
Conc: 20.09 ug/ml



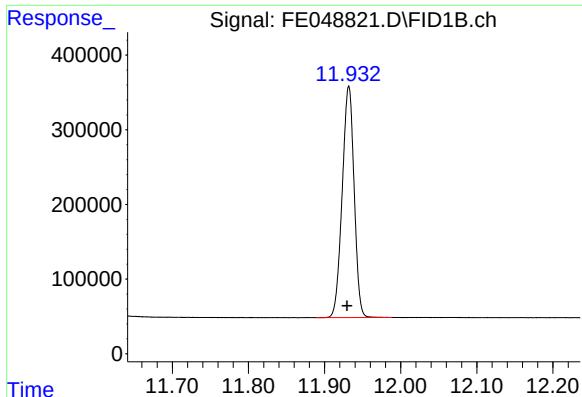
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.001 min
Response: 3147814
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.001 min
Response: 3223787
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

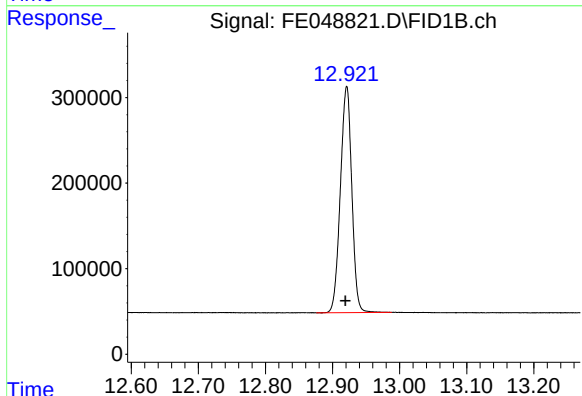
R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 3374266
Conc: 20.18 ug/ml

Instrument :

FID_E

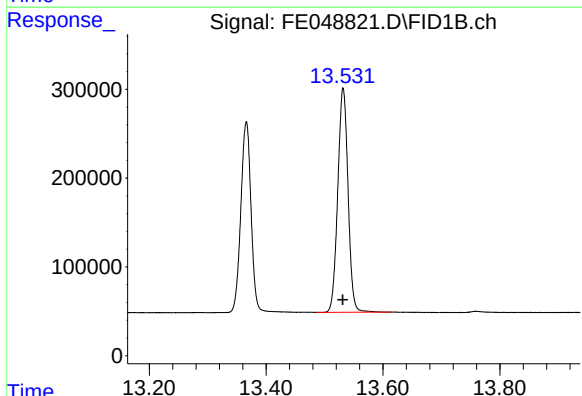
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



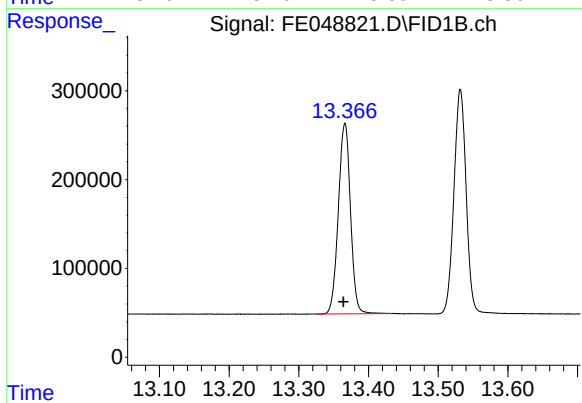
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.002 min
Response: 3129441
Conc: 20.19 ug/ml



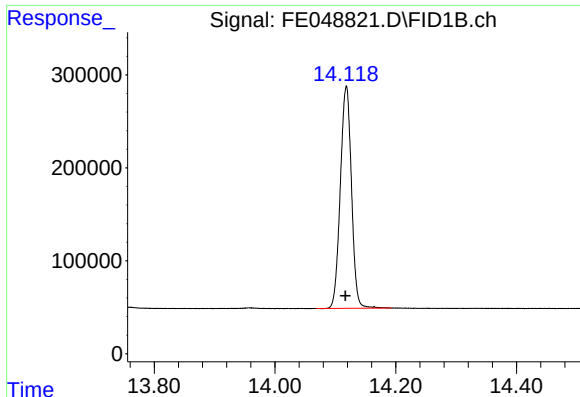
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 3081246
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

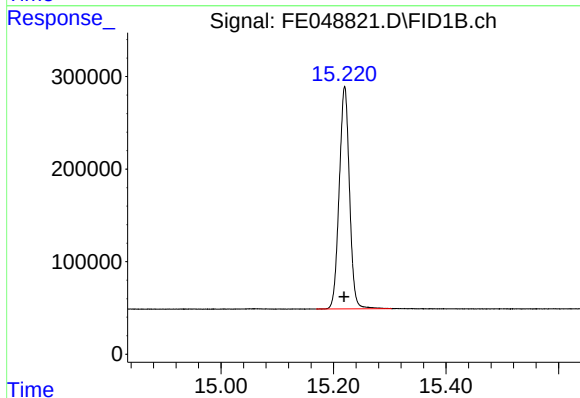
R.T.: 13.366 min
Delta R.T.: 0.002 min
Response: 2598685
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

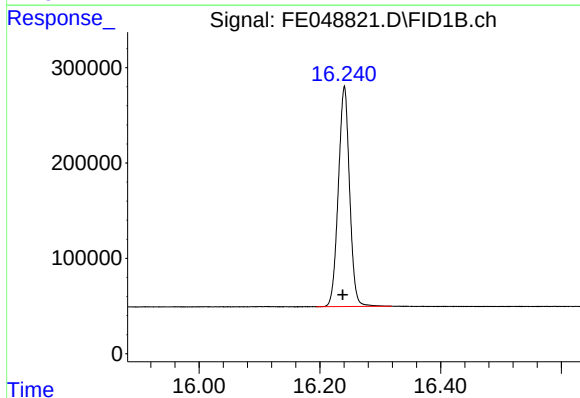
R.T.: 14.118 min
Delta R.T.: 0.002 min
Response: 3056835
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



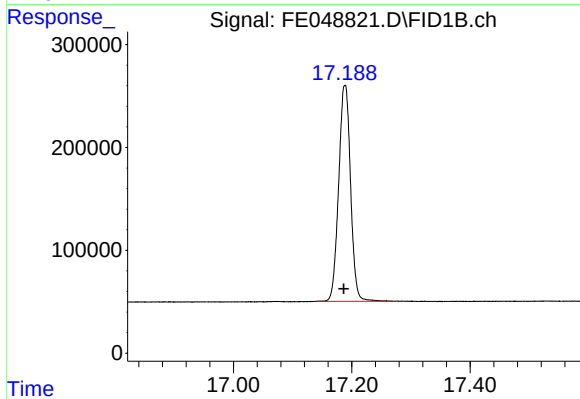
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.001 min
Response: 3045256
Conc: 20.26 ug/ml



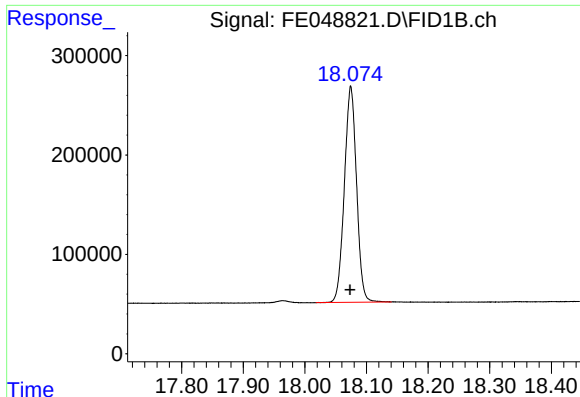
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 2985847
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: 0.002 min
Response: 2925781
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

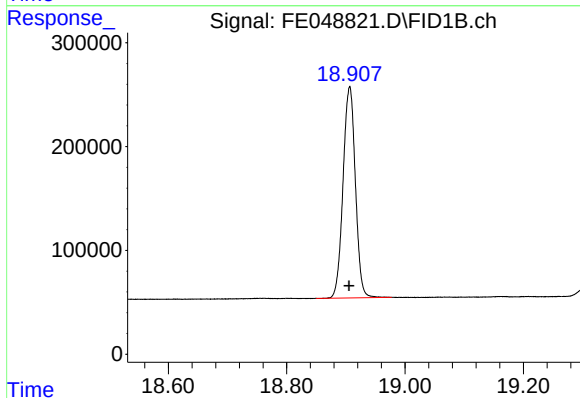
R.T.: 18.075 min
Delta R.T.: 0.001 min
Response: 2983452
Conc: 20.39 ug/ml

Instrument :

FID_E

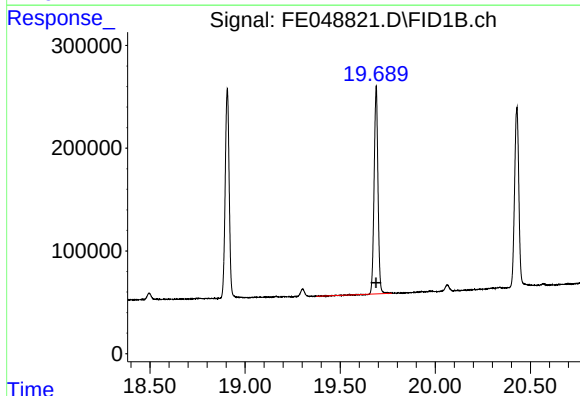
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



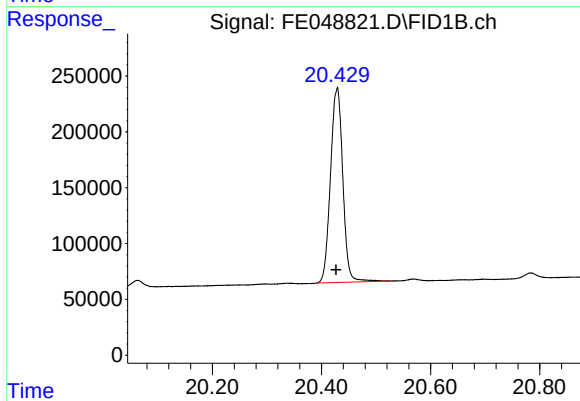
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.001 min
Response: 2940600
Conc: 20.57 ug/ml



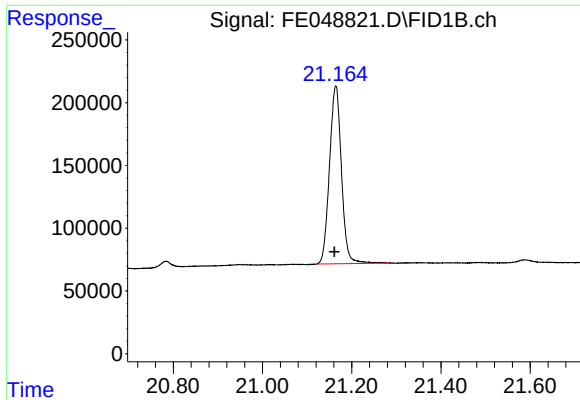
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.001 min
Response: 2842424
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

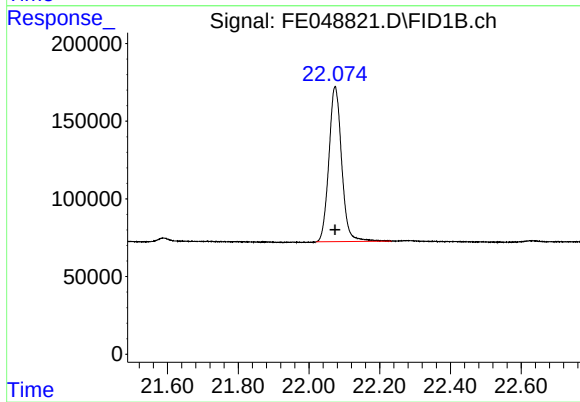
R.T.: 20.429 min
Delta R.T.: 0.002 min
Response: 2735320
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.003 min
Response: 2640512
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.000 min
Response: 2502635
Conc: 20.44 ug/ml