

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015713.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 23:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 00:48:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 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)	11.937	3169548	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	13.371	2417766	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T n-Nonane (C9)	3.310	2689981	21.238 ug/ml
2) T n-Decane (C10)	4.567	2745399	21.379 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2805233	21.614 ug/ml
4) T n-Dodecane (C12)	6.733	2775046	21.294 ug/ml
5) T A~2-methylnaphthalene...	7.376	2633279	22.221 ug/ml
6) T n-Tetradecane (C14)	8.561	2763880	21.342 ug/ml
7) T n-Hexadecane (C16)	10.169	2873762	21.490 ug/ml
8) T n-Octadecane (C18)	11.613	2955641	21.464 ug/ml
10) T n-Eicosane (C20)	12.924	2875173	21.333 ug/ml
11) T n-Heneicosane (C21)	13.536	2840684	21.255 ug/ml
13) T n-Docosane (C22)	14.123	2807928	20.983 ug/ml
14) T n-Tetracosane (C24)	15.228	2807147	20.969 ug/ml
15) T n-Hexacosane (C26)	16.251	2692082	20.583 ug/ml
16) T n-Octacosane (C28)	17.202	2608593	19.969 ug/ml
17) T n-Tricontane (C30)	18.091	2595887	19.250 ug/ml
18) T n-Dotriacontane (C32)	18.924	2471096	18.950 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2163453	18.534 ug/ml
20) T n-Hexatriacontane (C36)	20.449	1888439	19.023 ug/ml
21) T n-Octatriacontane (C38)	21.187	1788386	20.469 ug/ml
22) T n-Tetracontane (C40)	22.103	1727068	21.520 ug/ml

(f)=RT Delta > 1/2 Window

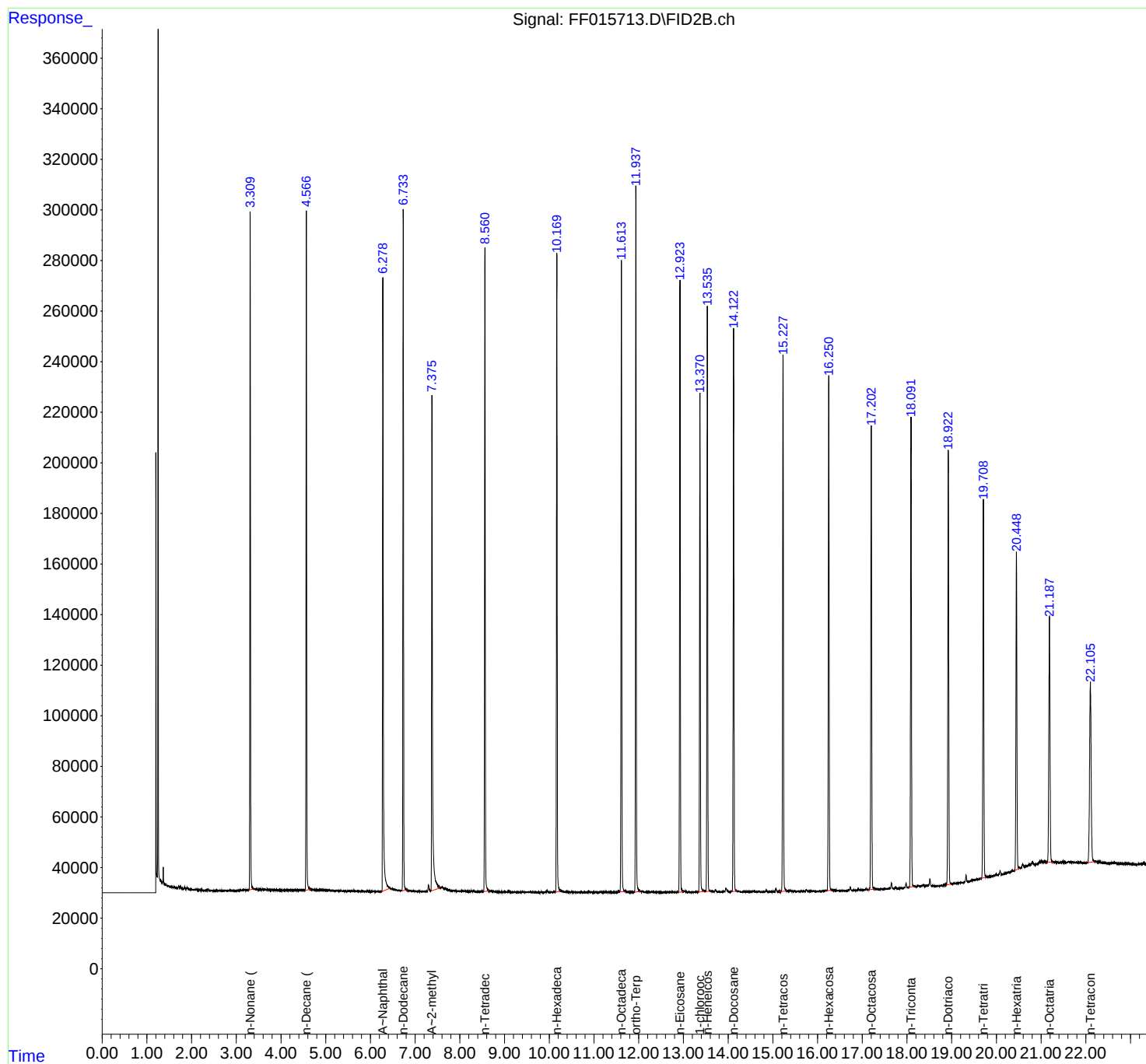
(m)=manual int.

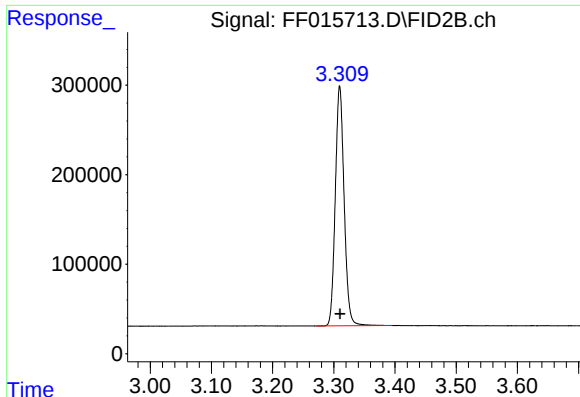
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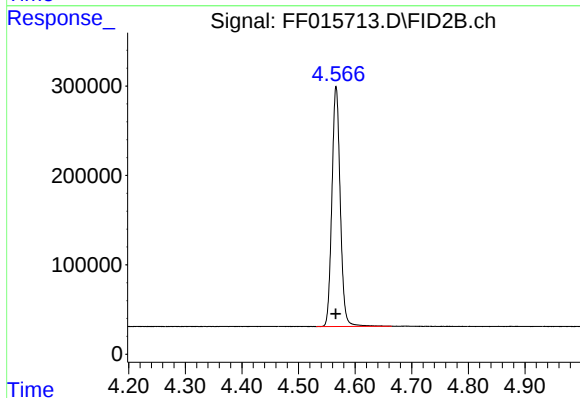




#1 n-Nonane (C9)

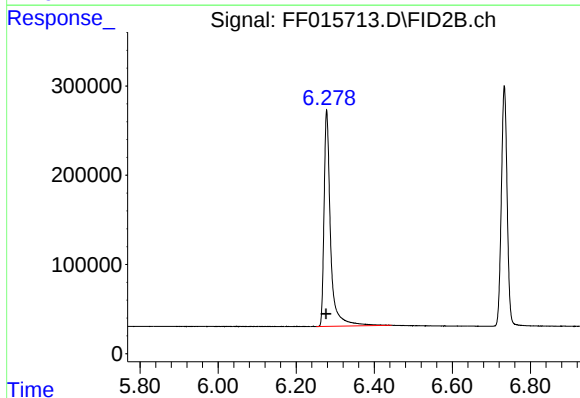
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2689981
Conc: 21.24 ug/ml

Instrument :
FID_F
ClientSampleId :



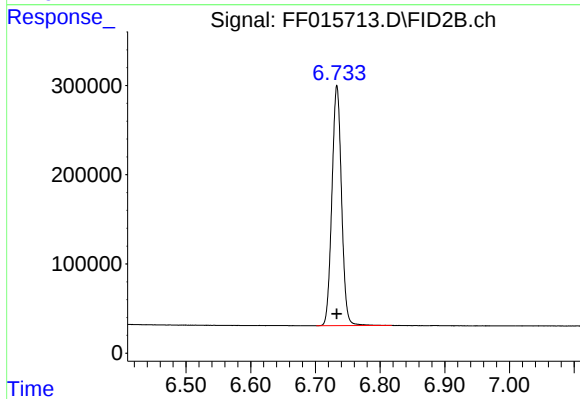
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2745399
Conc: 21.38 ug/ml



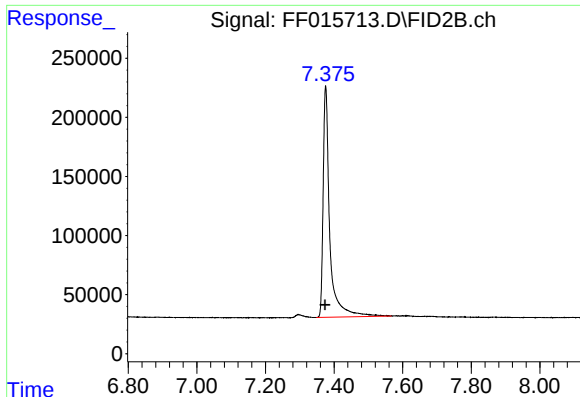
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 2805233
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

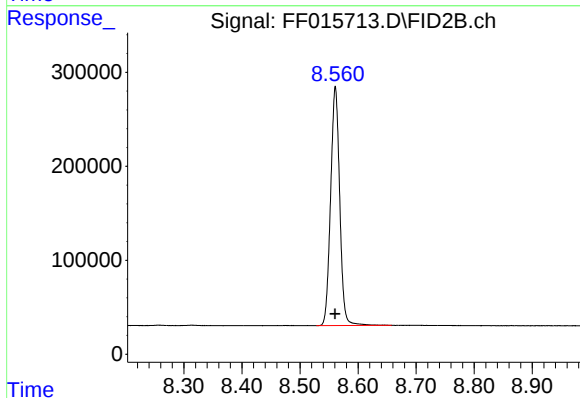
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2775046
Conc: 21.29 ug/ml



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

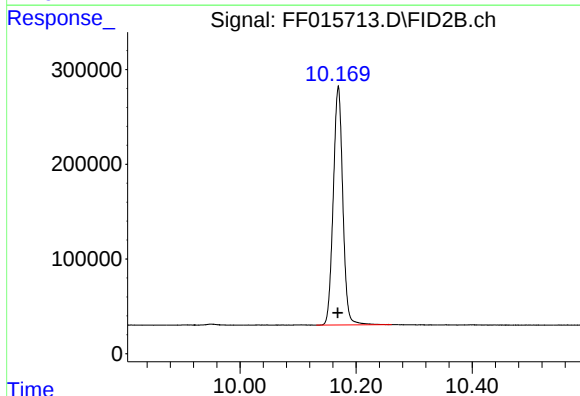
R.T.: 7.376 min
Delta R.T.: 0.002 min
Response: 2633279
Conc: 22.22 ug/ml

Instrument :
FID_F
ClientSampleId :



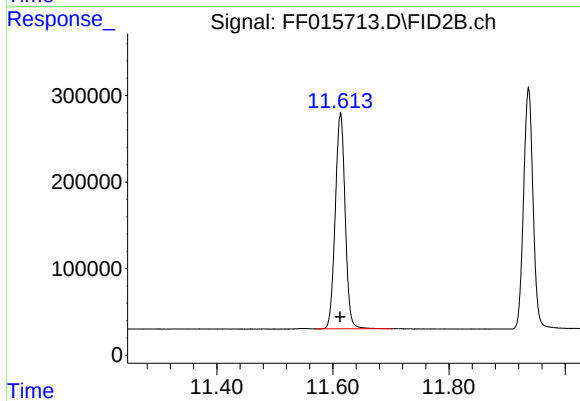
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2763880
Conc: 21.34 ug/ml



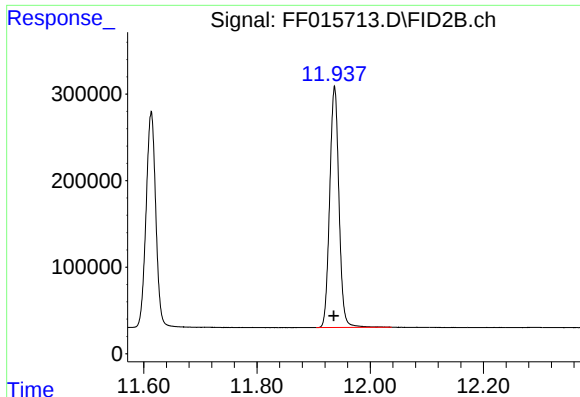
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2873762
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

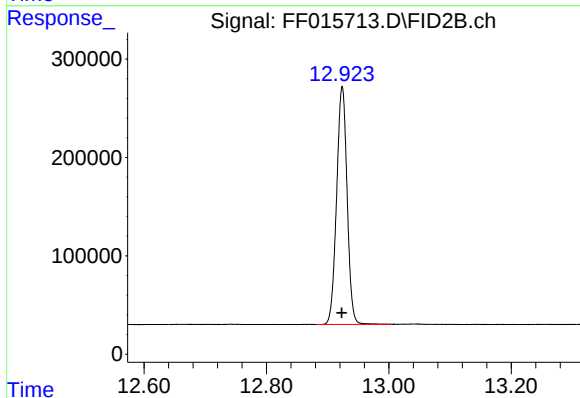
R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 2955641
Conc: 21.46 ug/ml



#9 ortho-Terphenyl (SURR)

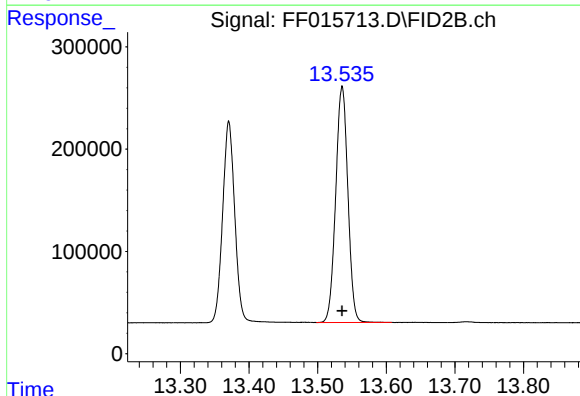
R.T.: 11.937 min
Delta R.T.: 0.001 min
Response: 3169548
Conc: 20.80 ug/ml

Instrument :
FID_F
ClientSampleId :



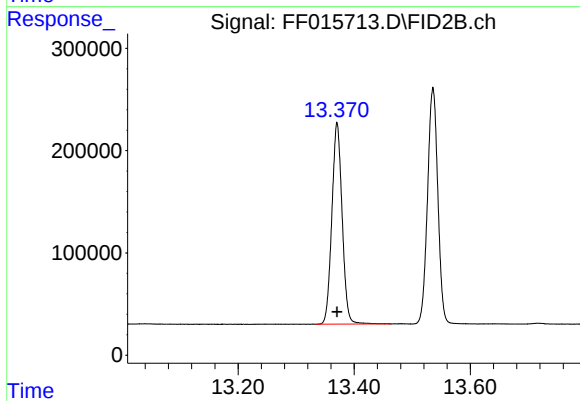
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2875173
Conc: 21.33 ug/ml



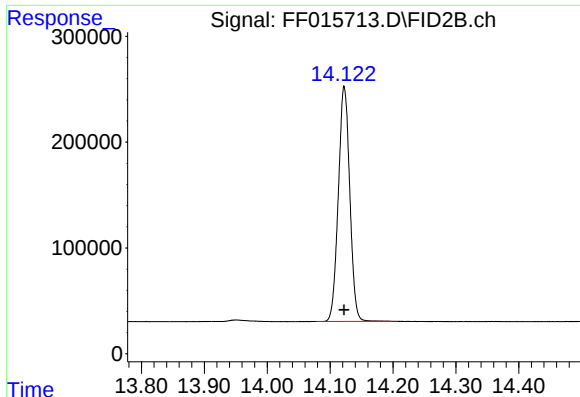
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.000 min
Response: 2840684
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

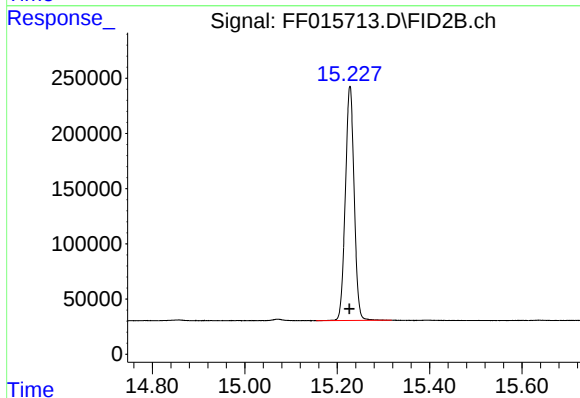
R.T.: 13.371 min
Delta R.T.: 0.000 min
Response: 2417766
Conc: 21.30 ug/ml



#13 n-Docosane (C22)

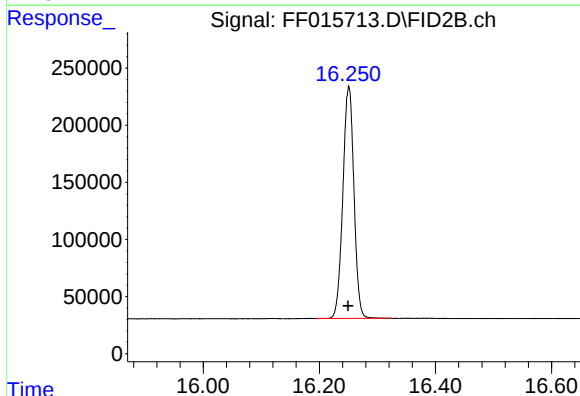
R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 2807928
Conc: 20.98 ug/ml

Instrument :
FID_F
ClientSampleId :



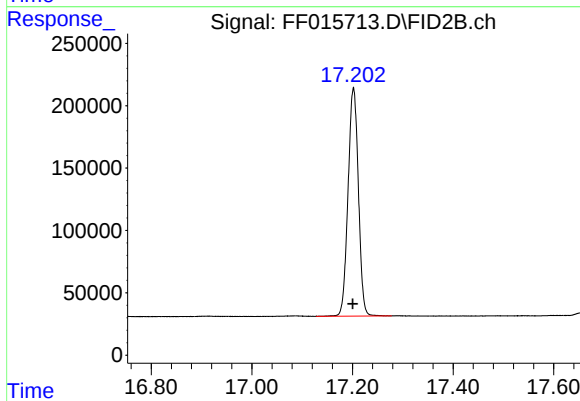
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.001 min
Response: 2807147
Conc: 20.97 ug/ml



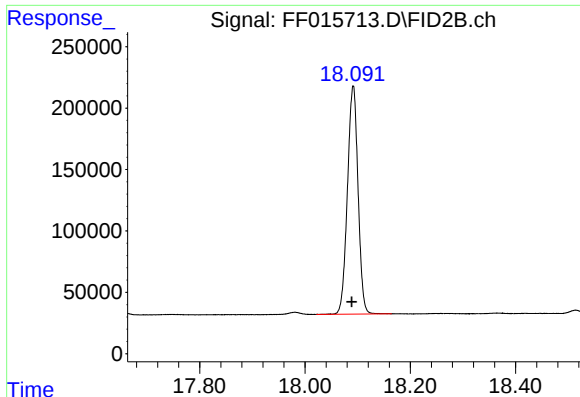
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.001 min
Response: 2692082
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

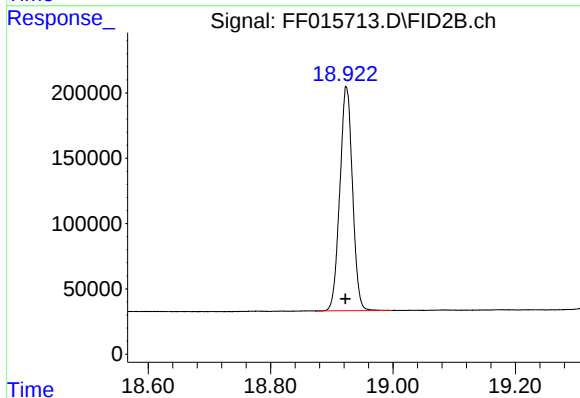
R.T.: 17.202 min
Delta R.T.: 0.002 min
Response: 2608593
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

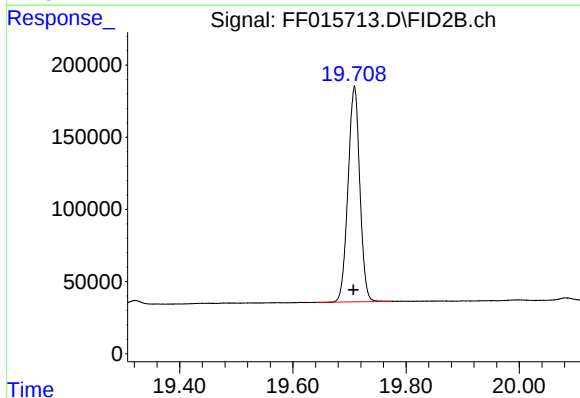
R.T.: 18.091 min
Delta R.T.: 0.003 min
Response: 2595887
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :



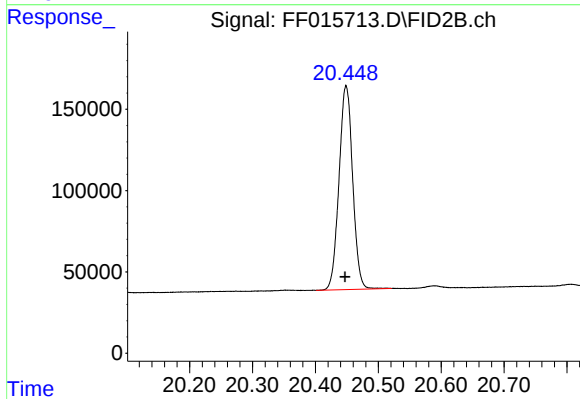
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.002 min
Response: 2471096
Conc: 18.95 ug/ml



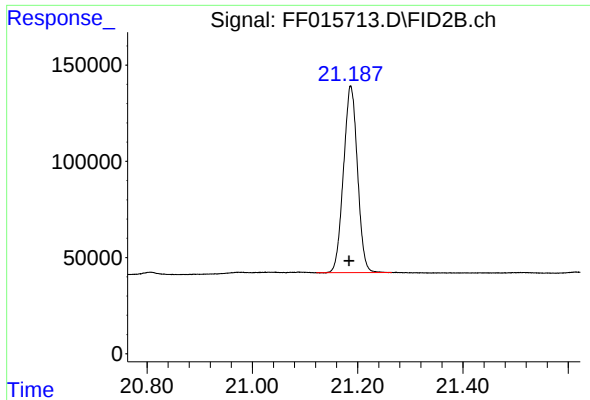
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.002 min
Response: 2163453
Conc: 18.53 ug/ml



#20 n-Hexatriacontane (C36)

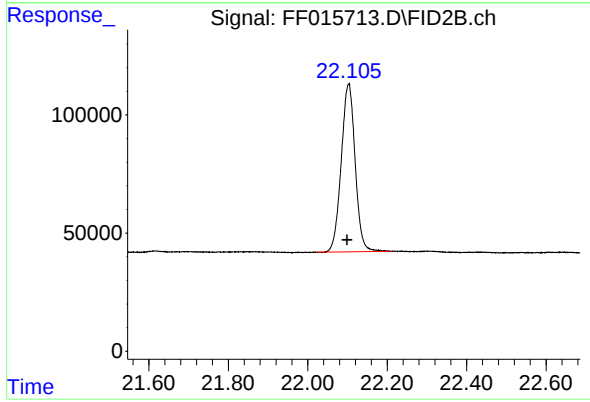
R.T.: 20.449 min
Delta R.T.: 0.002 min
Response: 1888439
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.003 min
Response: 1788386
Conc: 20.47 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: 0.004 min
Response: 1727068
Conc: 21.52 ug/ml