

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052581.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 14:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 15:22:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	3460431	20.526 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.355	2510467	20.675 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	3.253	3190424	20.577 ug/ml
2) T n-Decane (C10)	4.514	3231058	20.567 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3494779	20.607 ug/ml
4) T n-Dodecane (C12)	6.695	3203510	20.575 ug/ml
5) T A~2-methylnaphthalene...	7.329	3338868	20.603 ug/ml
6) T n-Tetradecane (C14)	8.531	3110558	20.558 ug/ml
7) T n-Hexadecane (C16)	10.145	3141758	20.549 ug/ml
8) T n-Octadecane (C18)	11.594	3120911	20.513 ug/ml
10) T n-Eicosane (C20)	12.909	2979043	20.520 ug/ml
11) T n-Heneicosane (C21)	13.523	2923549	20.541 ug/ml
13) T n-Docosane (C22)	14.111	2926066	20.561 ug/ml
14) T n-Tetracosane (C24)	15.217	2931245	20.483 ug/ml
15) T n-Hexacosane (C26)	16.241	2910154	20.466 ug/ml
16) T n-Octacosane (C28)	17.193	2918293	20.523 ug/ml
17) T n-Tricontane (C30)	18.083	3027012	20.494 ug/ml
18) T n-Dotriacontane (C32)	18.918	2980145	20.527 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2778283	20.614 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2488658	20.944 ug/ml
21) T n-Octatriacontane (C38)	21.189	2328456	20.989 ug/ml
22) T n-Tetracontane (C40)	22.113	2250648	20.817 ug/ml

(f)=RT Delta > 1/2 Window

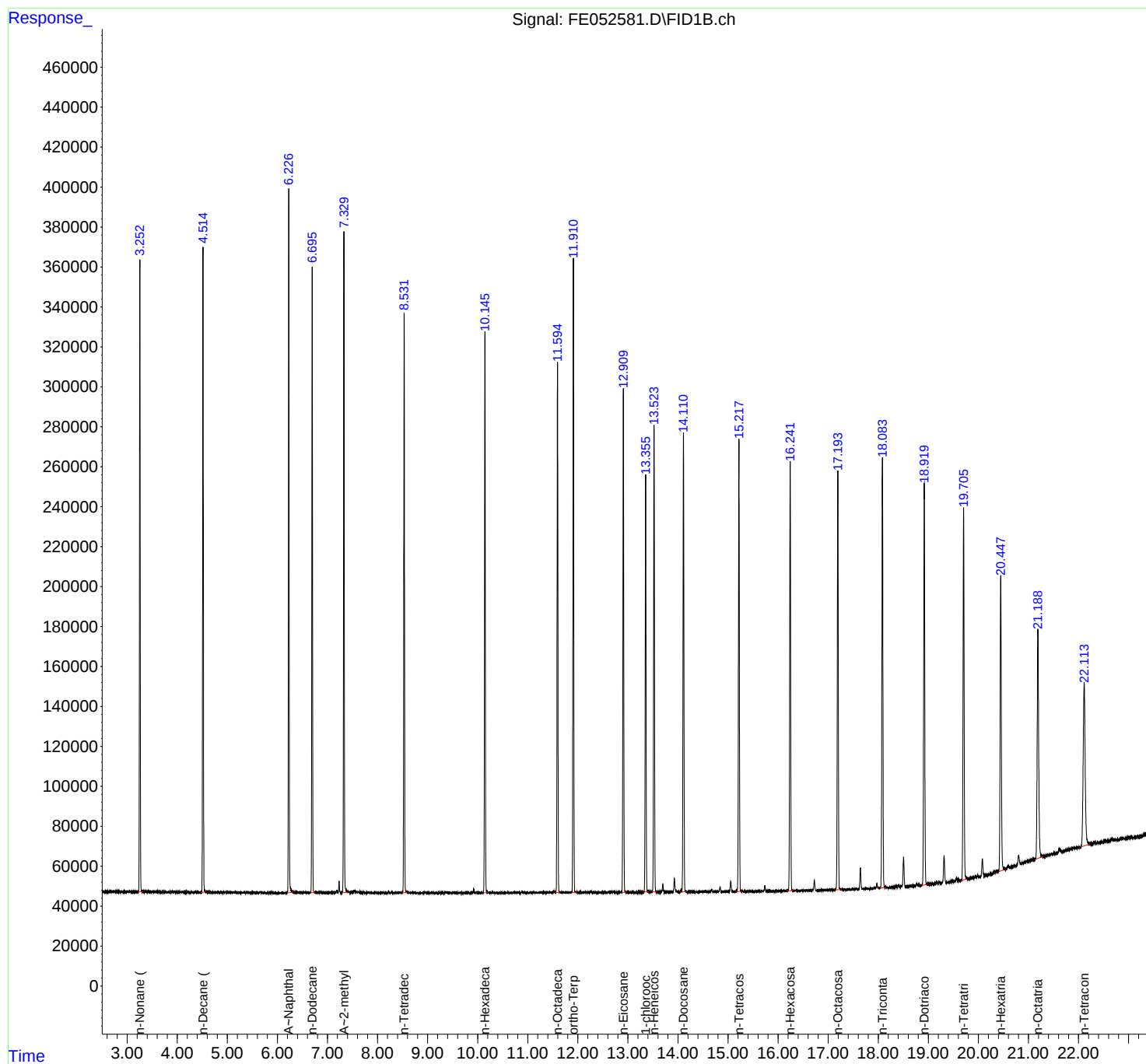
(m)=manual int.

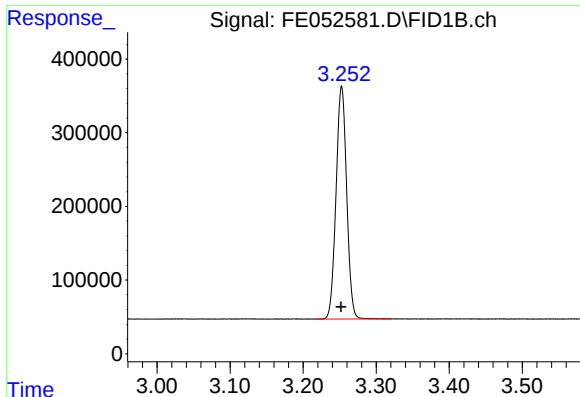
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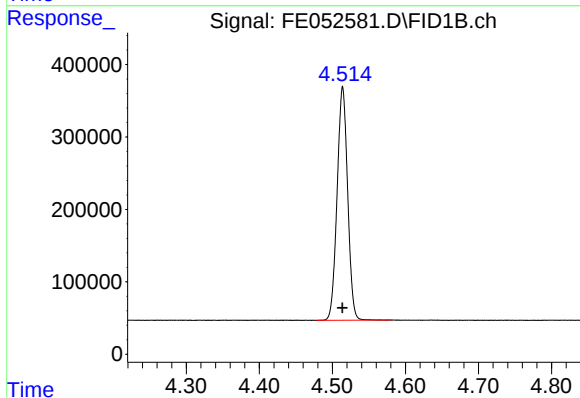




#1 n-Nonane (C9)

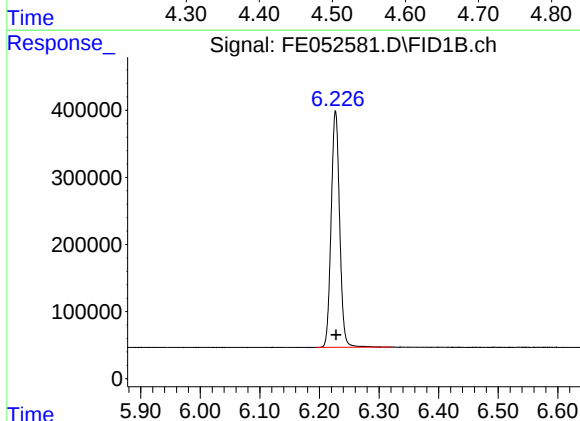
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 3190424
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :



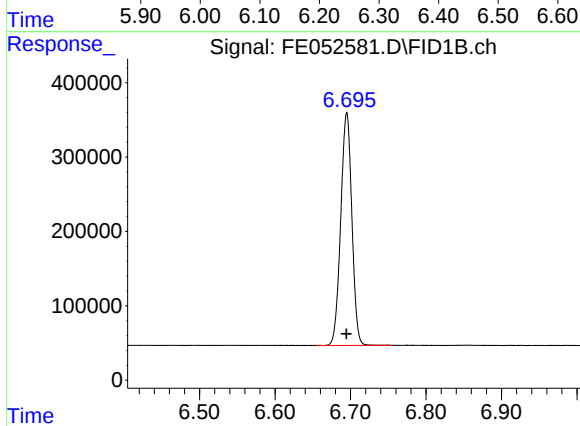
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3231058
Conc: 20.57 ug/ml



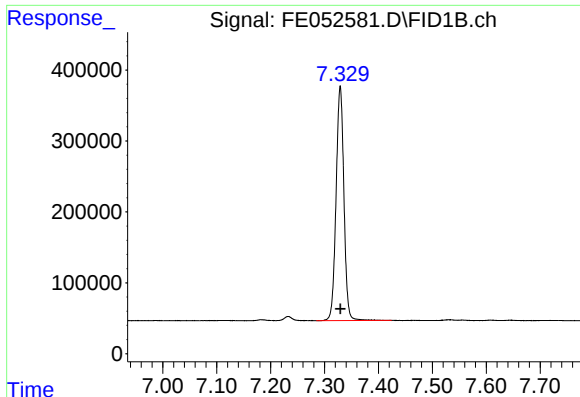
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 3494779
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

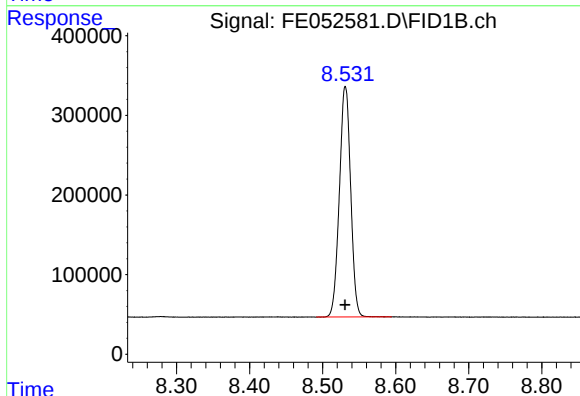
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3203510
Conc: 20.57 ug/ml



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

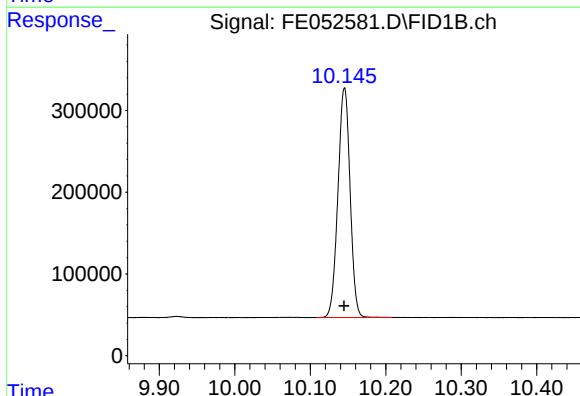
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 3338868
Conc: 20.60 ug/ml

Instrument :
FID_E
ClientSampleId :



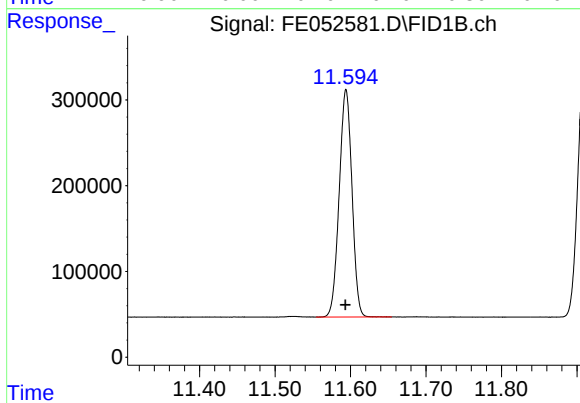
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 3110558
Conc: 20.56 ug/ml



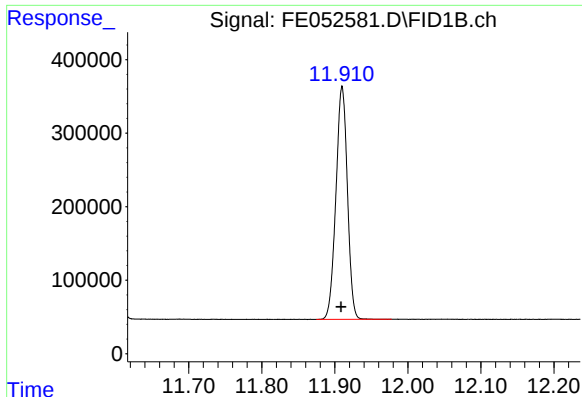
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 3141758
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

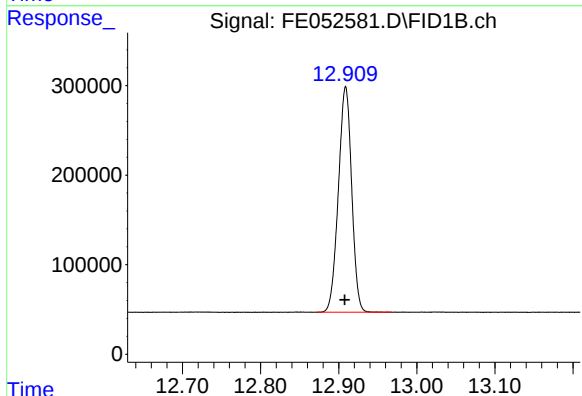
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 3120911
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

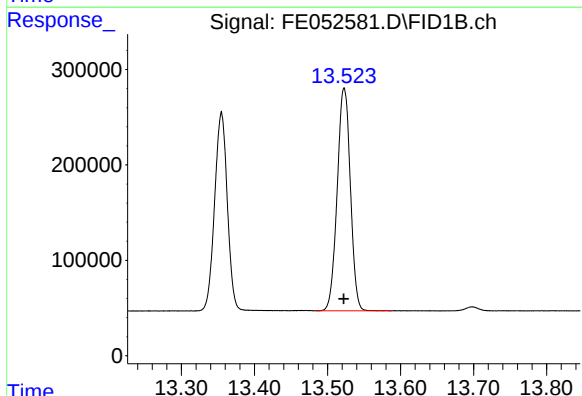
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 3460431
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :



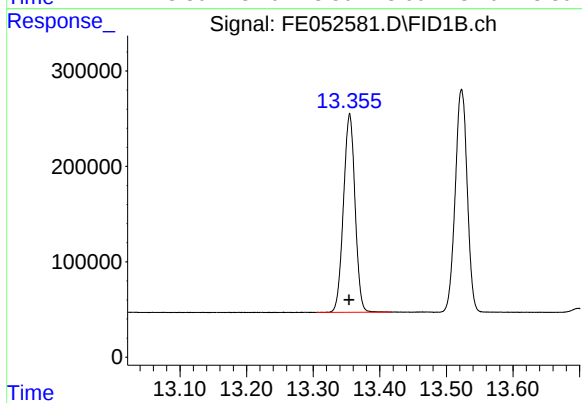
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 2979043
Conc: 20.52 ug/ml



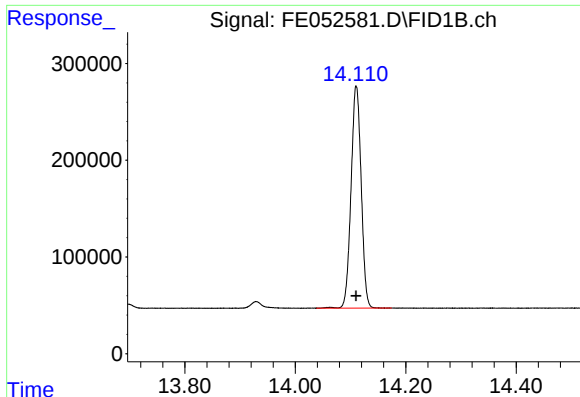
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2923549
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

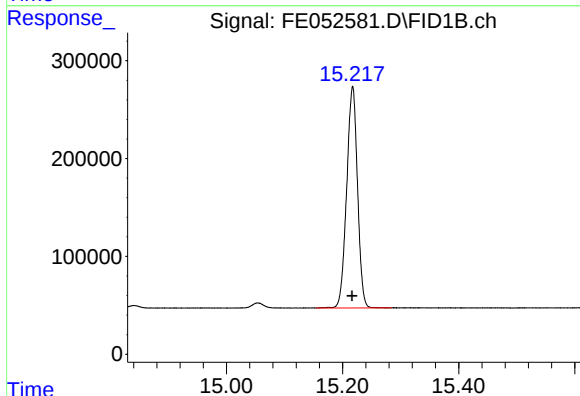
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2510467
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

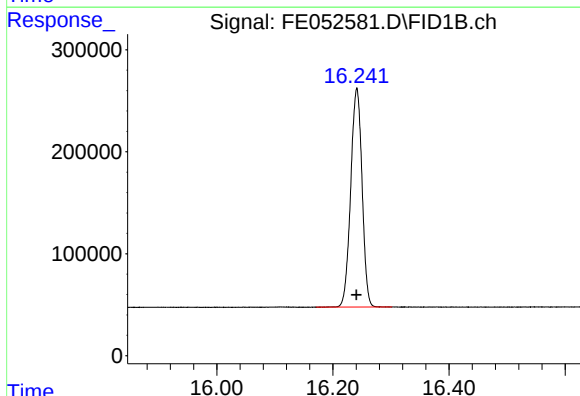
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2926066
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :



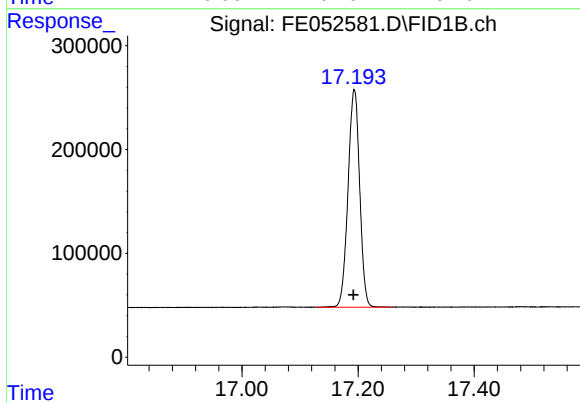
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.001 min
Response: 2931245
Conc: 20.48 ug/ml



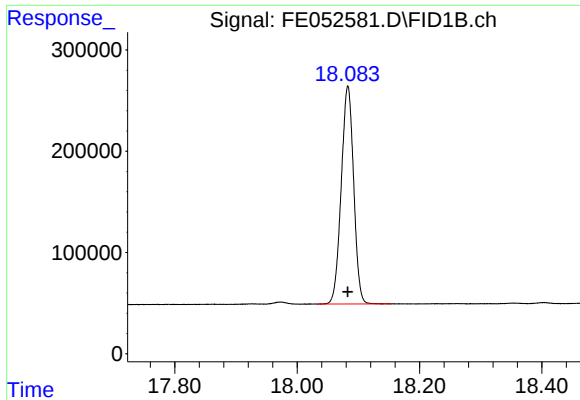
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2910154
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

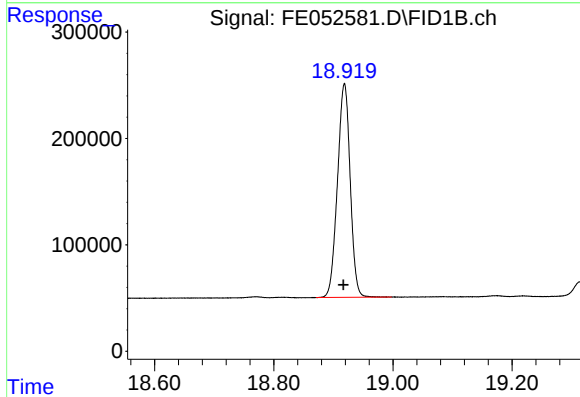
R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 2918293
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

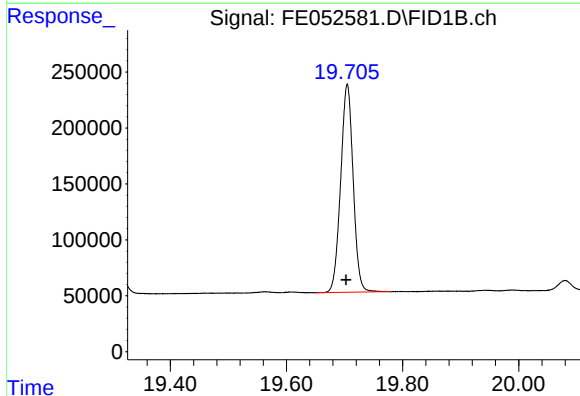
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 3027012
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :



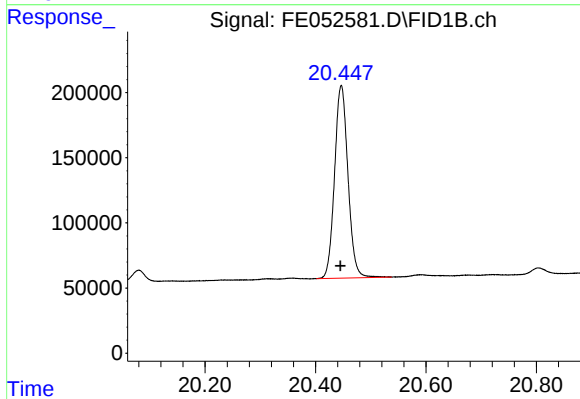
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.002 min
Response: 2980145
Conc: 20.53 ug/ml



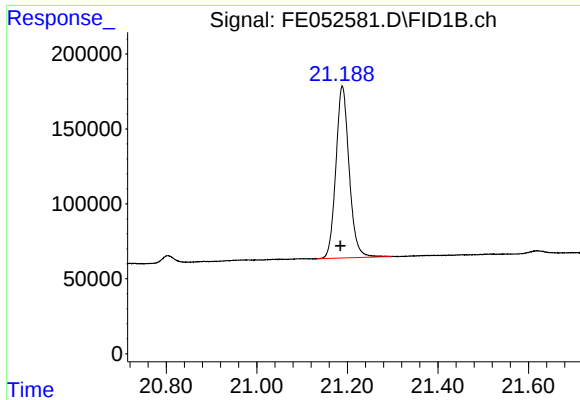
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.002 min
Response: 2778283
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

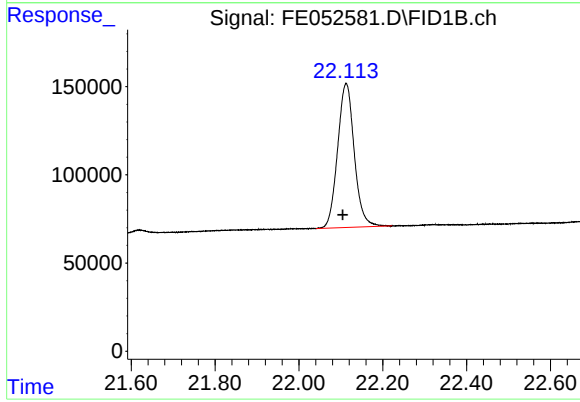
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2488658
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 2328456
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.008 min
Response: 2250648
Conc: 20.82 ug/ml