

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
 Data File : FF015448.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 21:55
 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: Feb 04 04:39:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.938	3173687	19.962 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.376	2422976	19.436 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.317	2816203	21.453 ug/ml
2) T n-Decane (C10)	4.572	2929356	21.900 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3131413	21.530 ug/ml
4) T n-Dodecane (C12)	6.738	2990136	22.174 ug/ml
5) T A~2-methylnaphthalene...	7.372	3019369	21.458 ug/ml
6) T n-Tetradecane (C14)	8.565	2988380	22.118 ug/ml
7) T n-Hexadecane (C16)	10.173	3080420	21.740 ug/ml
8) T n-Octadecane (C18)	11.618	3069298	20.958 ug/ml
10) T n-Eicosane (C20)	12.929	2891103	20.052 ug/ml
11) T n-Heneicosane (C21)	13.543	2798782	19.607 ug/ml
13) T n-Docosane (C22)	14.130	2772315	19.341 ug/ml
14) T n-Tetracosane (C24)	15.235	2702607	18.631 ug/ml
15) T n-Hexacosane (C26)	16.259	2630416	18.510 ug/ml
16) T n-Octacosane (C28)	17.210	2684733	19.294 ug/ml
17) T n-Tricontane (C30)	18.101	2921009	20.973 ug/ml
18) T n-Dotriacontane (C32)	18.936	2899349	22.229 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2533183	23.302 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2144434	24.381 ug/ml
21) T n-Octatriacontane (C38)	21.204	2058605	24.980 ug/ml
22) T n-Tetracontane (C40)	22.124	2127206	26.811 ug/ml

(f)=RT Delta > 1/2 Window

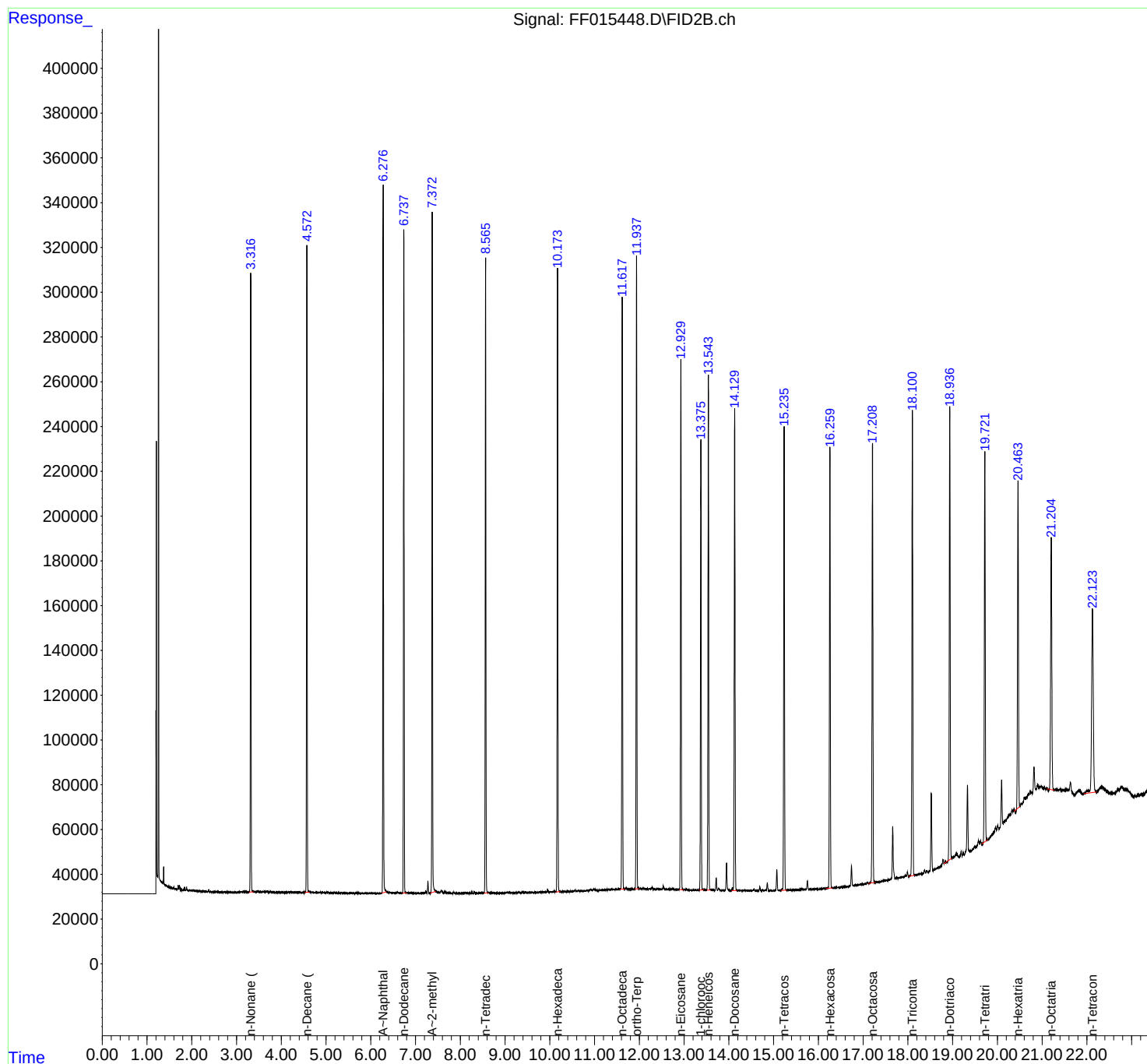
(m)=manual int.

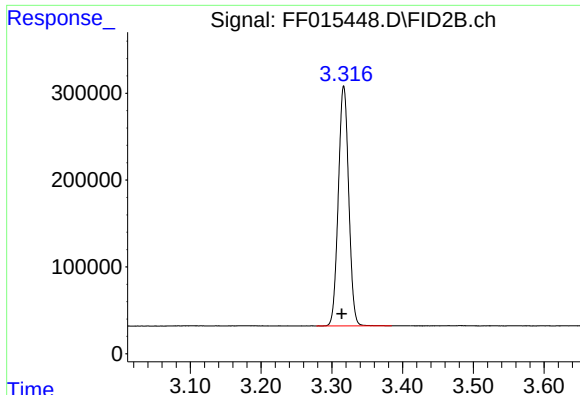
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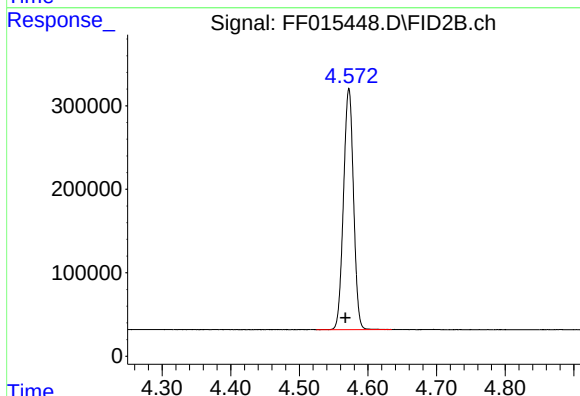




#1 n-Nonane (C9)

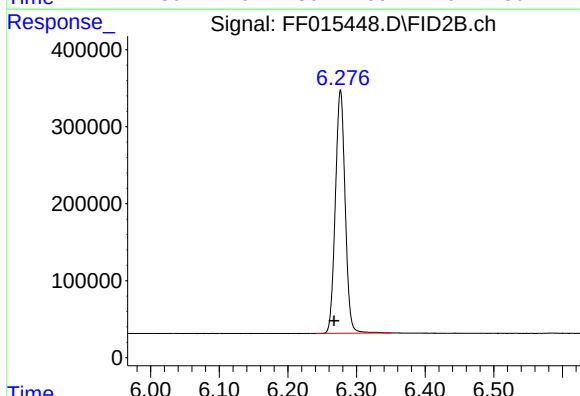
R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 2816203
Conc: 21.45 ug/ml

Instrument :
FID_F
ClientSampleId :



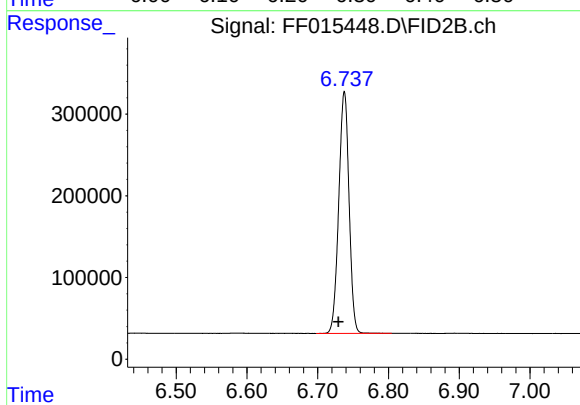
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.005 min
Response: 2929356
Conc: 21.90 ug/ml



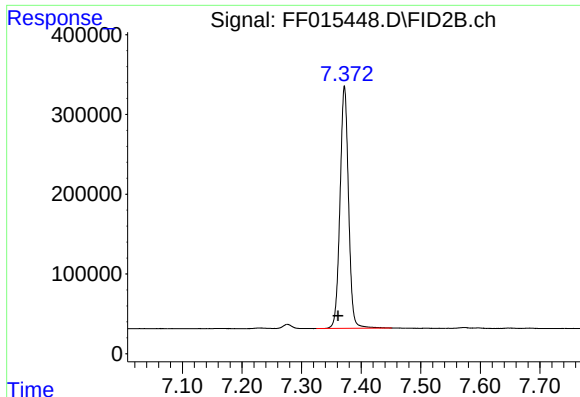
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.009 min
Response: 3131413
Conc: 21.53 ug/ml



#4 n-Dodecane (C12)

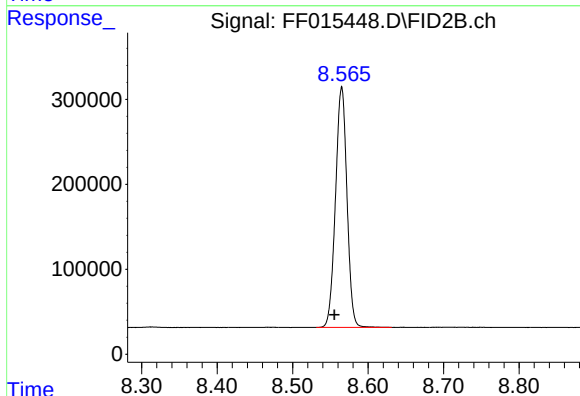
R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 2990136
Conc: 22.17 ug/ml



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

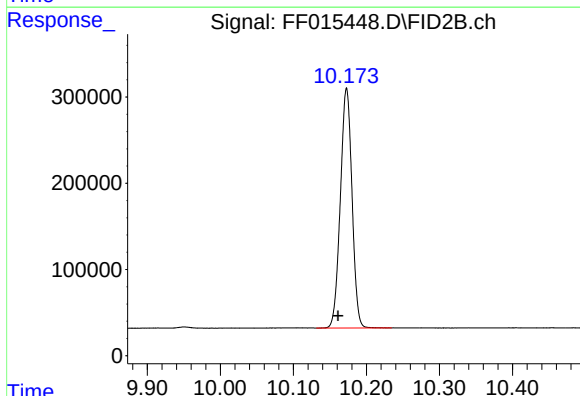
R.T.: 7.372 min
Delta R.T.: 0.011 min
Response: 3019369
Conc: 21.46 ug/ml

Instrument :
FID_F
ClientSampleId :



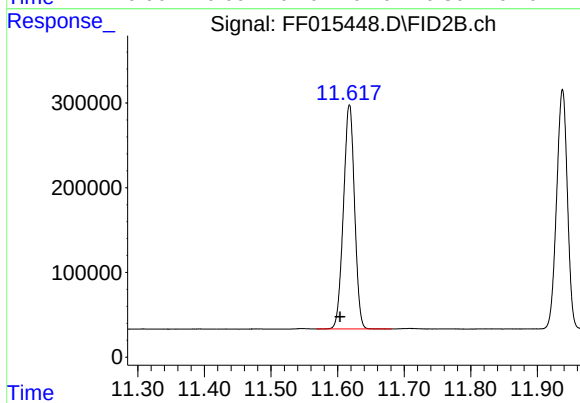
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.010 min
Response: 2988380
Conc: 22.12 ug/ml



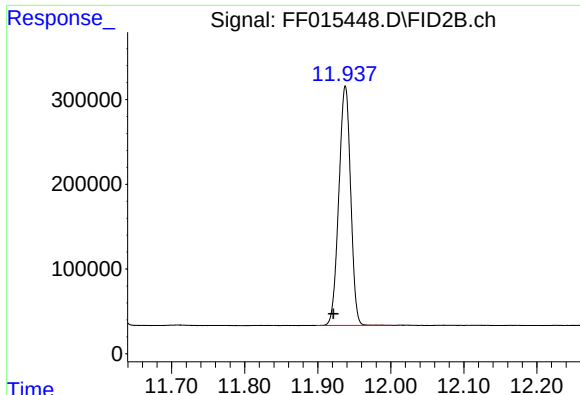
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.011 min
Response: 3080420
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

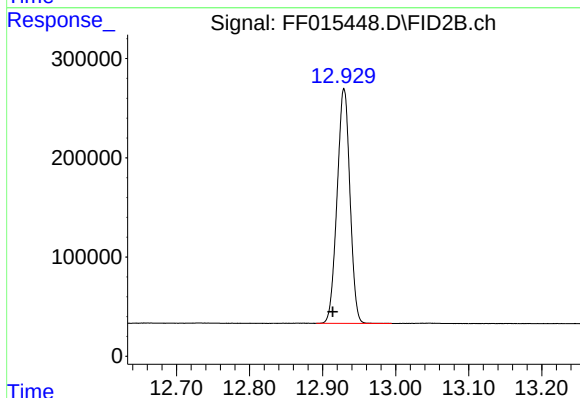
R.T.: 11.618 min
Delta R.T.: 0.014 min
Response: 3069298
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

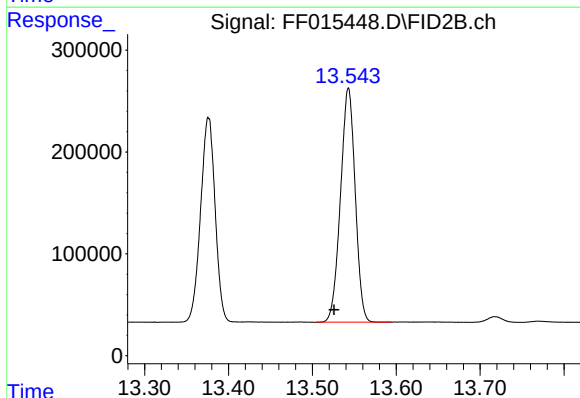
R.T.: 11.938 min
Delta R.T.: 0.016 min
Response: 3173687
Conc: 19.96 ug/ml

Instrument :
FID_F
ClientSampleId :



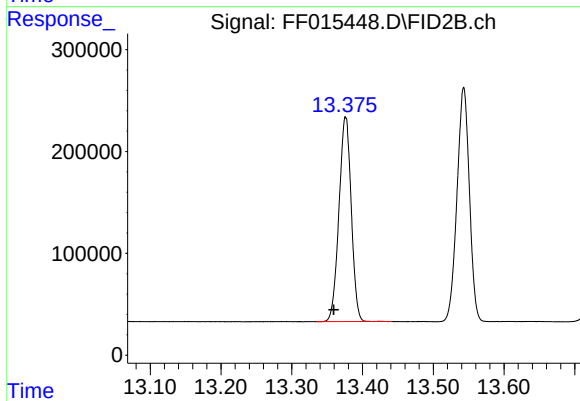
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.016 min
Response: 2891103
Conc: 20.05 ug/ml



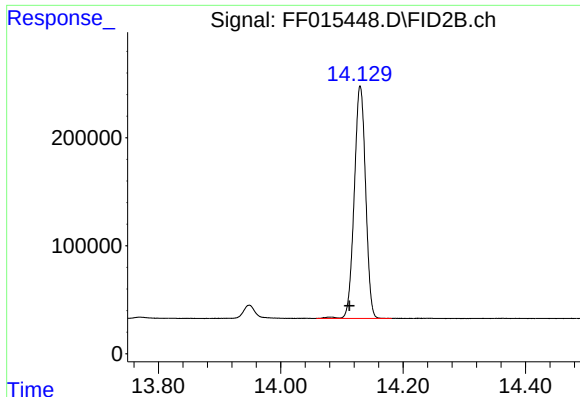
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.017 min
Response: 2798782
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

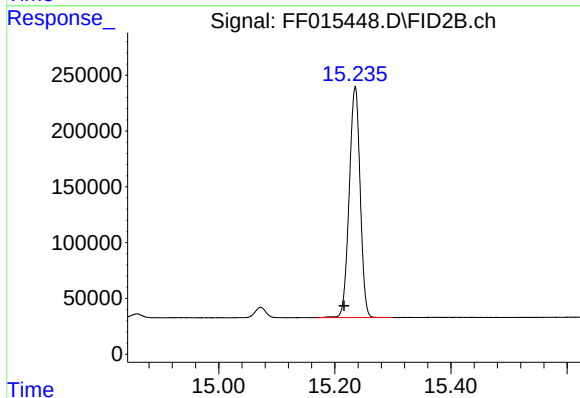
R.T.: 13.376 min
Delta R.T.: 0.017 min
Response: 2422976
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

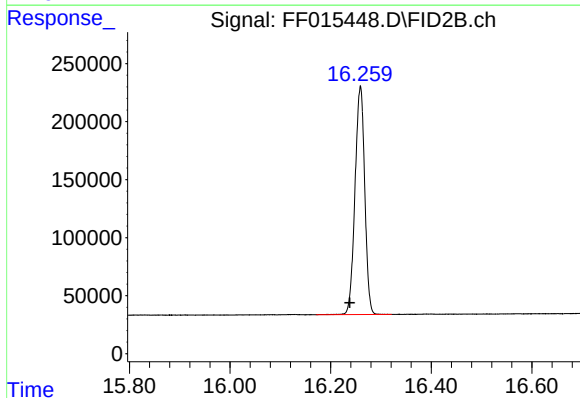
R.T.: 14.130 min
Delta R.T.: 0.018 min
Response: 2772315
Conc: 19.34 ug/ml

Instrument :
FID_F
ClientSampleId :



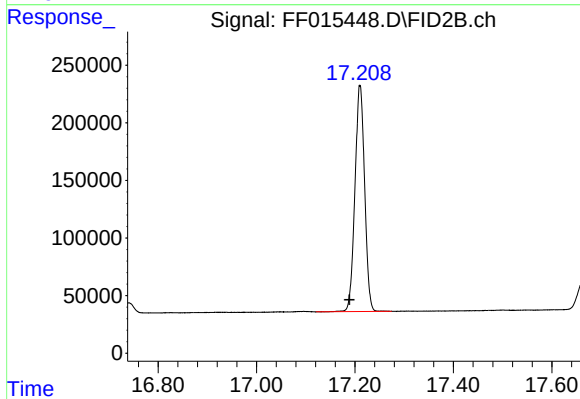
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.019 min
Response: 2702607
Conc: 18.63 ug/ml



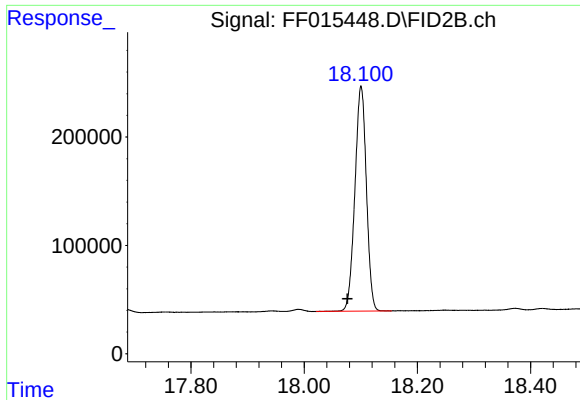
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.021 min
Response: 2630416
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

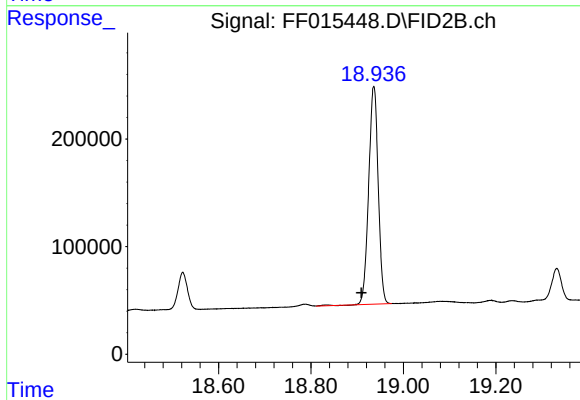
R.T.: 17.210 min
Delta R.T.: 0.022 min
Response: 2684733
Conc: 19.29 ug/ml



#17 n-Tricontane (C30)

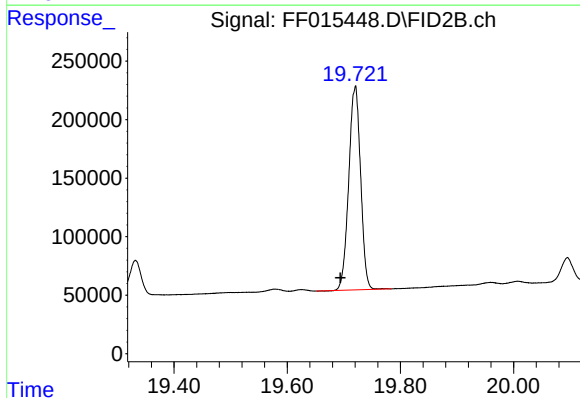
R.T.: 18.101 min
Delta R.T.: 0.024 min
Response: 2921009
Conc: 20.97 ug/ml

Instrument :
FID_F
ClientSampleId :



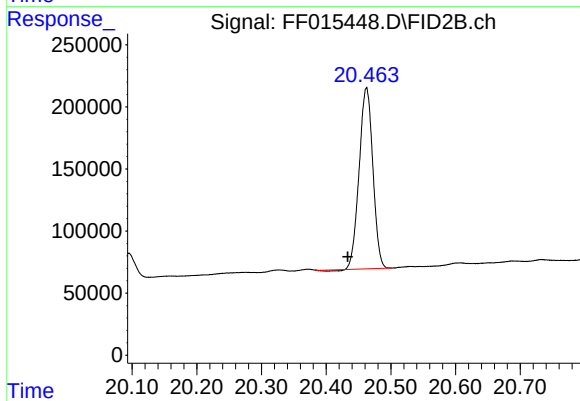
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.027 min
Response: 2899349
Conc: 22.23 ug/ml



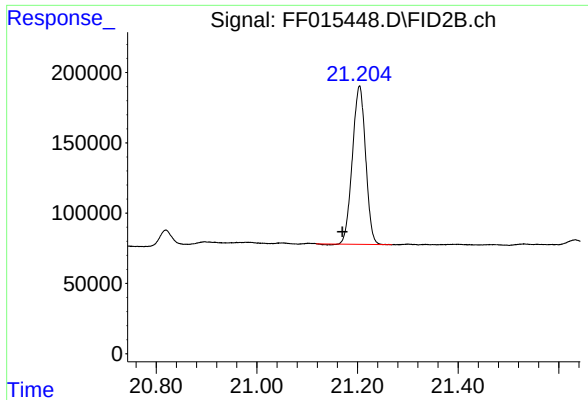
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.026 min
Response: 2533183
Conc: 23.30 ug/ml



#20 n-Hexatriacontane (C36)

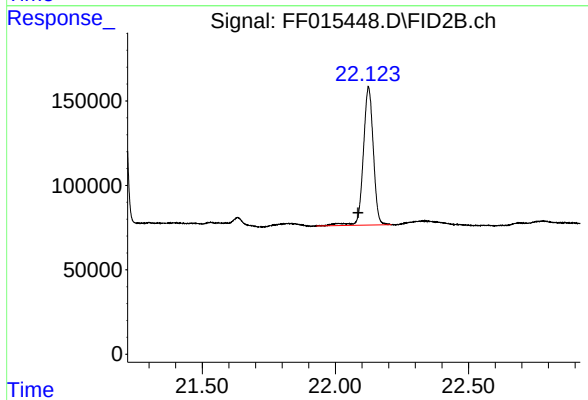
R.T.: 20.462 min
Delta R.T.: 0.029 min
Response: 2144434
Conc: 24.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.034 min
Response: 2058605
Conc: 24.98 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.038 min
Response: 2127206
Conc: 26.81 ug/ml