

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054103.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 17:33
 Operator : YP\AJ
 Sample : Q2151-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1MSD

Integration File: autoint1.e
 Quant Time: May 30 22:57:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.840	5714375	35.163 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
12) S 1-chlorooctadecane (S...	13.285	4881939	41.181 ug/ml
Spiked Amount 50.000		Recovery =	82.36%
Target Compounds			
1) T n-Nonane (C9)	3.182	2897997	21.442 ug/ml
2) T n-Decane (C10)	4.447	3292788	24.367 ug/ml
3) T A~Naphthalene (C11.7)	6.161	4230686	29.438 ug/ml
4) T n-Dodecane (C12)	6.630	3726353	27.318 ug/ml
5) T A~2-methylnaphthalene...	7.264	4033850	29.082 ug/ml
6) T n-Tetradecane (C14)	8.466	4057754	30.069 ug/ml
7) T n-Hexadecane (C16)	10.078	4622416	34.257 ug/ml
8) T n-Octadecane (C18)	11.526	4836284	35.915 ug/ml
10) T n-Eicosane (C20)	12.839	5177710	39.396 ug/ml
11) T n-Heneicosane (C21)	13.453	4973176	38.360 ug/ml
13) T n-Docosane (C22)	14.040	4952196	38.818 ug/ml
14) T n-Tetracosane (C24)	15.138	10385512	83.007 ug/ml
15) T n-Hexacosane (C26)	16.171	4848133	39.592 ug/ml
16) T n-Octacosane (C28)	17.121	4994668	41.087 ug/ml
17) T n-Tricontane (C30)	18.013	4804031	38.567 ug/ml
18) T n-Dotriacontane (C32)	18.846	4742537	37.924 ug/ml
19) T n-Tetratriacontane (C34)	19.631	4857051	40.774 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5073184	43.815 ug/ml
21) T n-Octatriacontane (C38)	21.102	5200158	47.784 ug/ml
22) T n-Tetracontane (C40)	21.997	5215606	52.560 ug/ml

(f)=RT Delta > 1/2 Window

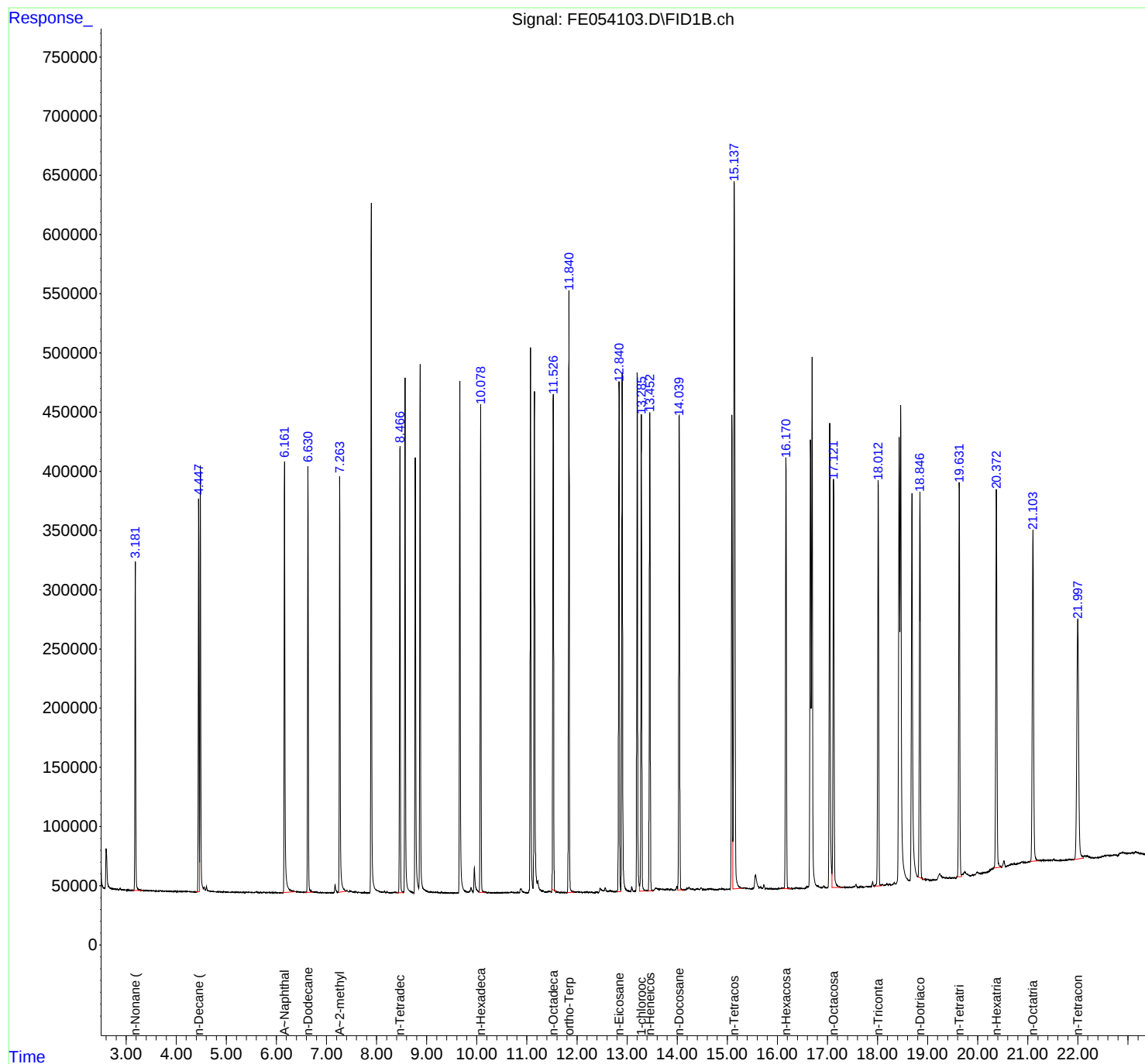
(m)=manual int.

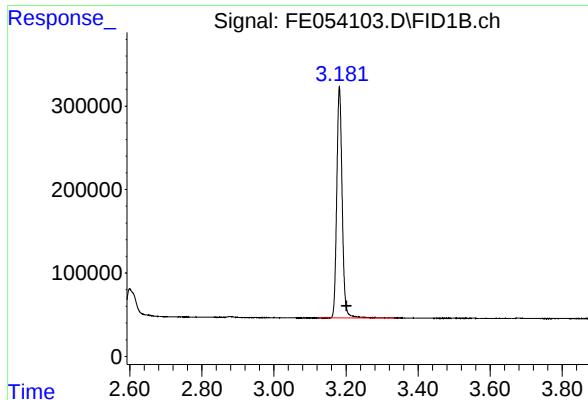
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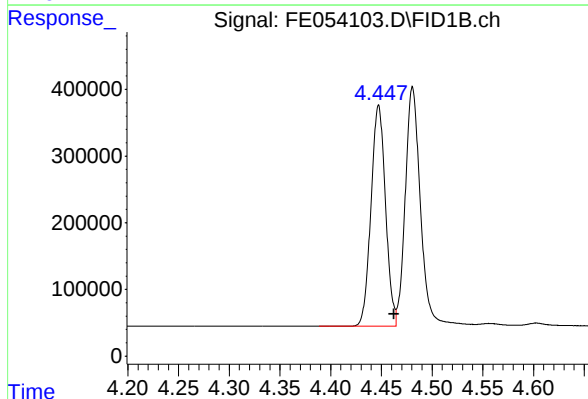




#1 n-Nonane (C9)

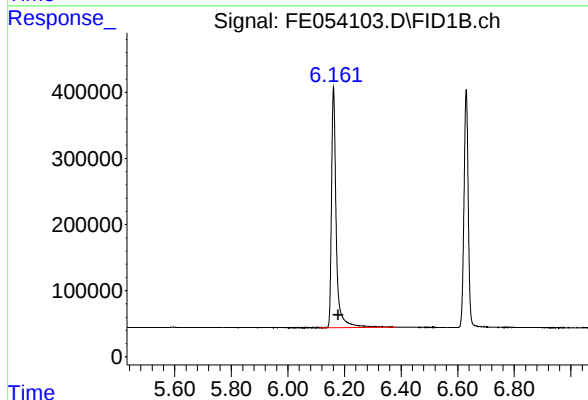
R.T.: 3.182 min
Delta R.T.: -0.020 min
Response: 2897997
Conc: 21.44 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



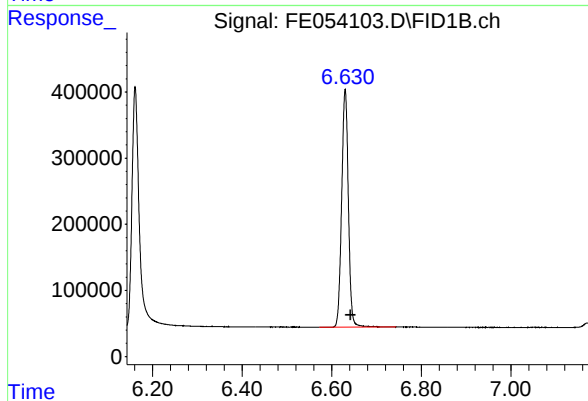
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.015 min
Response: 3292788
Conc: 24.37 ug/ml



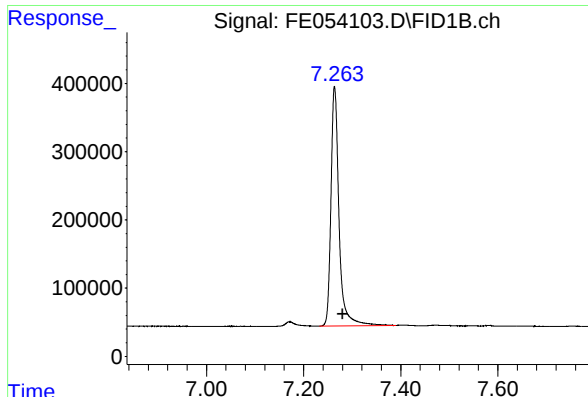
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.017 min
Response: 4230686
Conc: 29.44 ug/ml



#4 n-Dodecane (C12)

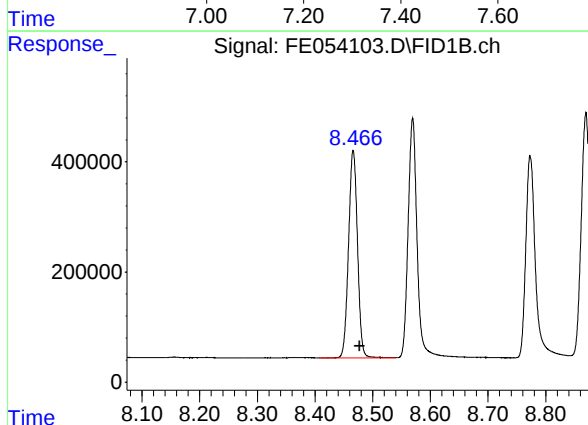
R.T.: 6.630 min
Delta R.T.: -0.012 min
Response: 3726353
Conc: 27.32 ug/ml



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

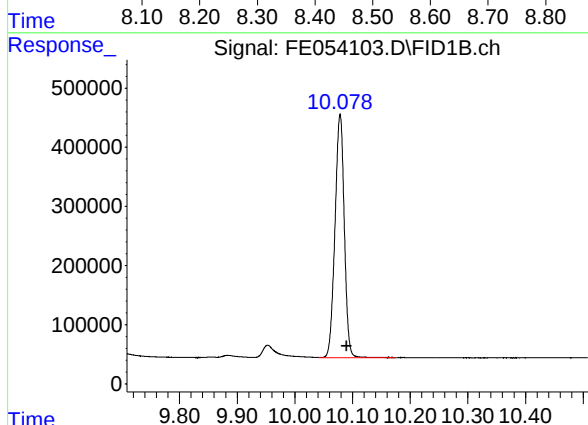
R.T.: 7.264 min
Delta R.T.: -0.016 min
Response: 4033850
Conc: 29.08 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



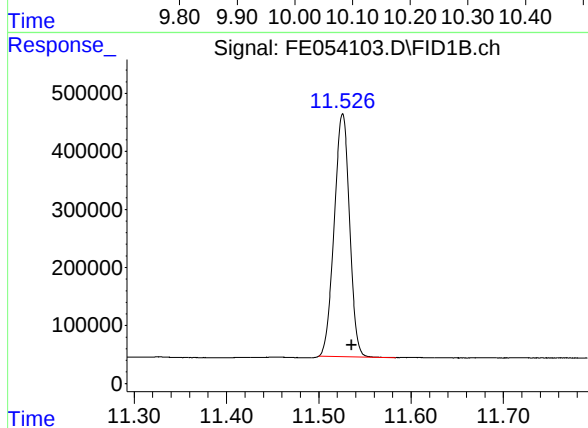
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.011 min
Response: 4057754
Conc: 30.07 ug/ml



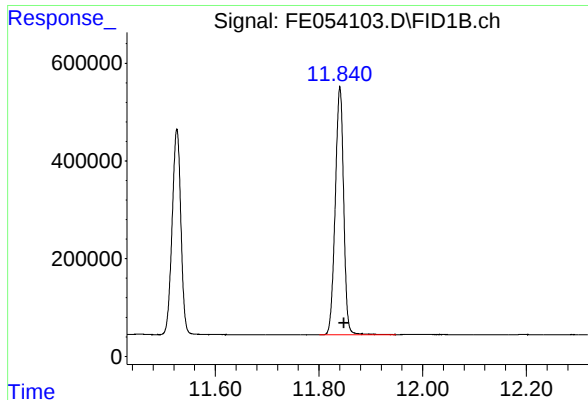
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 4622416
Conc: 34.26 ug/ml



#8 n-Octadecane (C18)

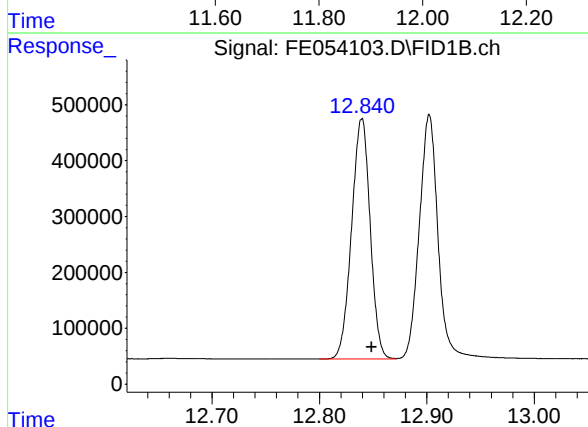
R.T.: 11.526 min
Delta R.T.: -0.010 min
Response: 4836284
Conc: 35.91 ug/ml



#9 ortho-Terphenyl (SURR)

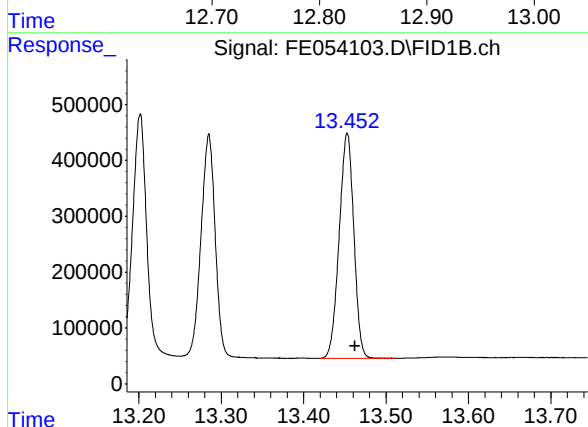
R.T.: 11.840 min
Delta R.T.: -0.008 min
Response: 5714375
Conc: 35.16 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



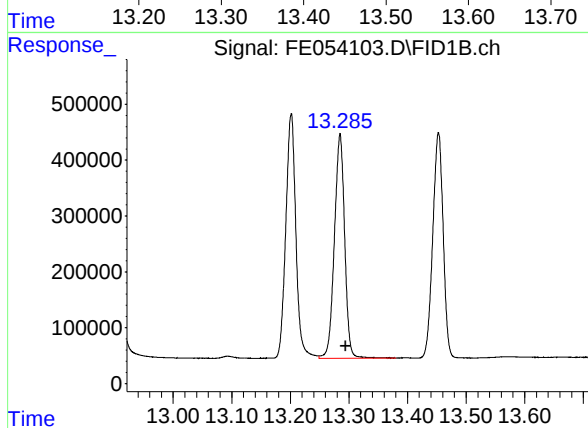
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.009 min
Response: 5177710
Conc: 39.40 ug/ml



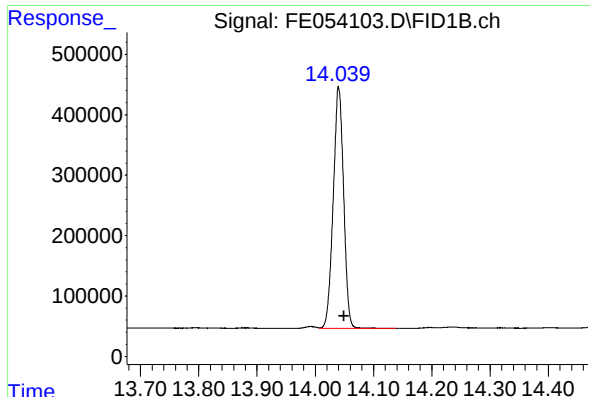
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 4973176
Conc: 38.36 ug/ml



#12 1-chlorooctadecane (SURR)

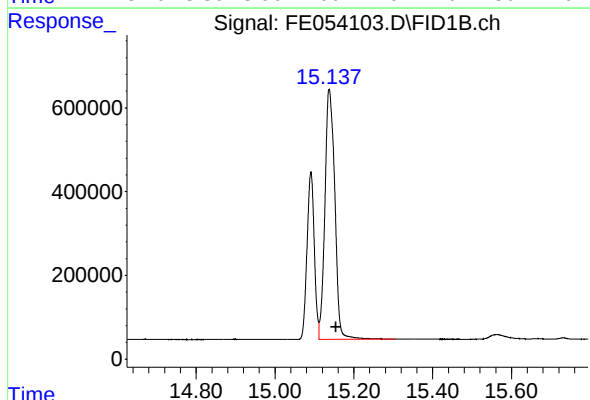
R.T.: 13.285 min
Delta R.T.: -0.010 min
Response: 4881939
Conc: 41.18 ug/ml



#13 n-Docosane (C22)

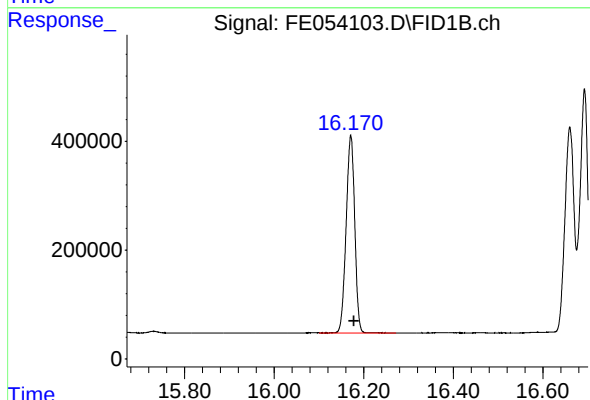
R.T.: 14.040 min
Delta R.T.: -0.009 min
Response: 4952196
Conc: 38.82 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



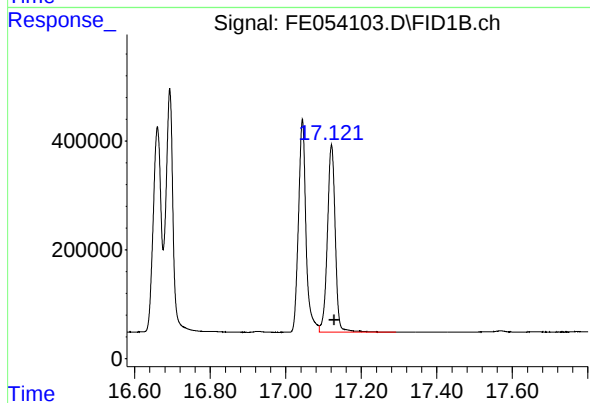
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 10385512
Conc: 83.01 ug/ml



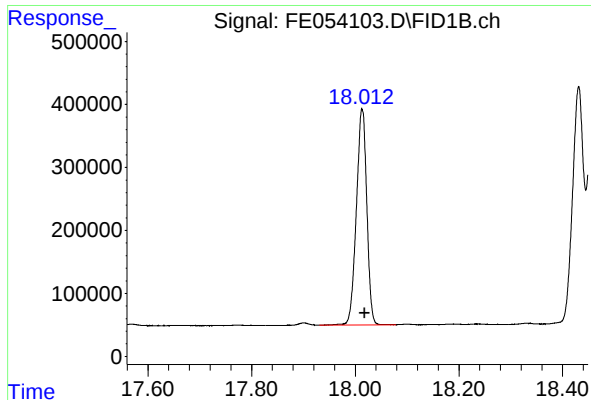
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.007 min
Response: 4848133
Conc: 39.59 ug/ml



#16 n-Octacosane (C28)

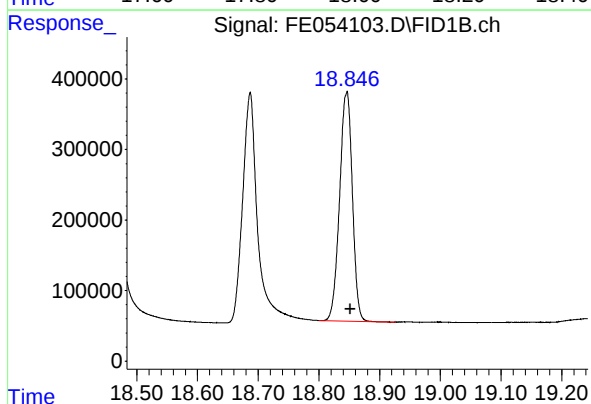
R.T.: 17.121 min
Delta R.T.: -0.008 min
Response: 4994668
Conc: 41.09 ug/ml



#17 n-Tricontane (C30)

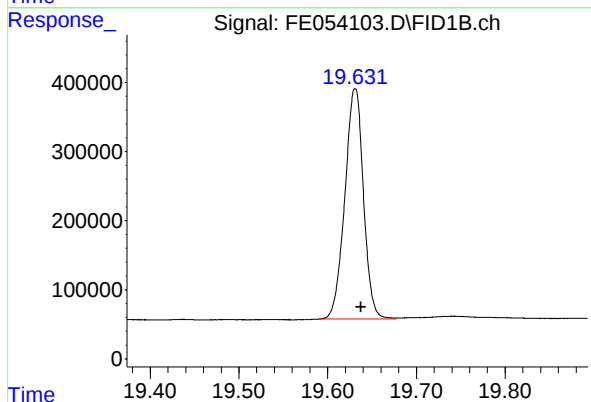
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 4804031
Conc: 38.57 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



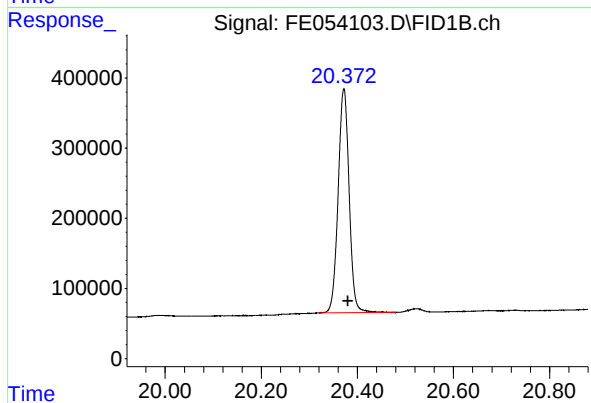
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 4742537
Conc: 37.92 ug/ml



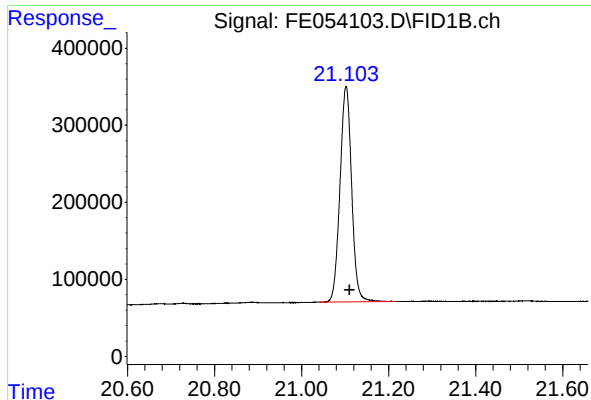
#19 n-Tetatriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.007 min
Response: 4857051
Conc: 40.77 ug/ml



#20 n-Hexatriacontane (C36)

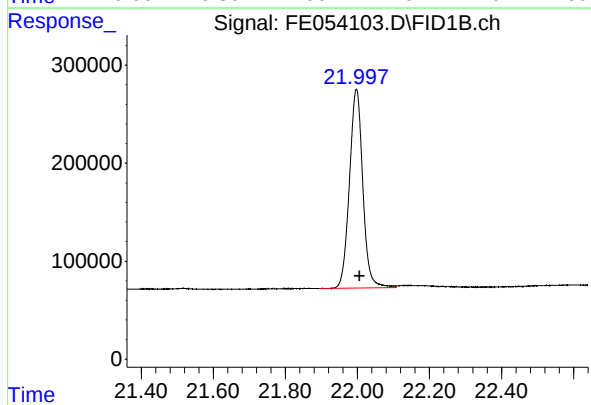
R.T.: 20.372 min
Delta R.T.: -0.008 min
Response: 5073184
Conc: 43.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.008 min
Response: 5200158
Conc: 47.78 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MSD



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 5215606
Conc: 52.56 ug/ml