

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020723AL\
 Data File : FE040226.D
 Signal(s) : FID1B.ch
 Acq On : 07 Feb 2023 13:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 08 01:26:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.894	3336681	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.333	2476947	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.285	2831906	20.807 ug/ml
2) T n-Decane (C10)	4.536	2755227	20.736 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3059285	20.904 ug/ml
4) T n-Dodecane (C12)	6.701	2798274	20.784 ug/ml
5) T A~2-methylnaphthalene...	7.334	2846220	21.028 ug/ml
6) T n-Tetradecane (C14)	8.528	2835209	20.572 ug/ml
7) T n-Hexadecane (C16)	10.136	2944689	20.518 ug/ml
8) T n-Octadecane (C18)	11.578	3042519	20.453 ug/ml
10) T n-Eicosane (C20)	12.888	2982590	20.287 ug/ml
11) T n-Heneicosane (C21)	13.501	3002433	20.356 ug/ml
13) T n-Docosane (C22)	14.087	2965106	20.012 ug/ml
14) T n-Tetracosane (C24)	15.191	2923000	19.255 ug/ml
15) T n-Hexacosane (C26)	16.213	2817855	19.008 ug/ml
16) T n-Octacosane (C28)	17.163	2723005	18.170 ug/ml
17) T n-Tricontane (C30)	18.053	2630651	17.829 ug/ml
18) T n-Dotriacontane (C32)	18.886	2575880	17.588 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2502877	18.197 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2371186	17.877 ug/ml
21) T n-Octatriacontane (C38)	21.143	2334812	17.997 ug/ml
22) T n-Tetracontane (C40)	22.044	2190542	16.499 ug/ml

(f)=RT Delta > 1/2 Window

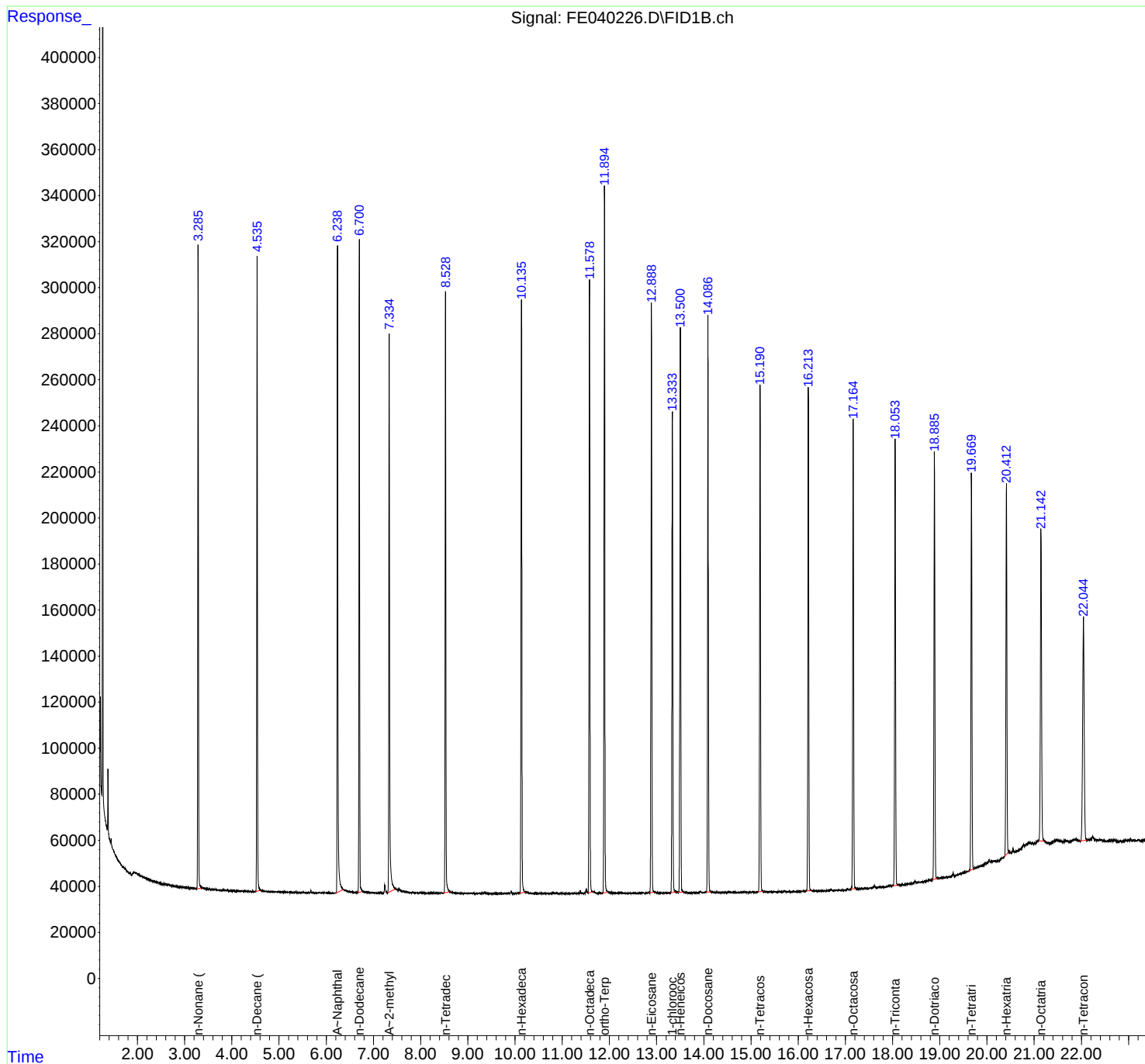
(m)=manual int.

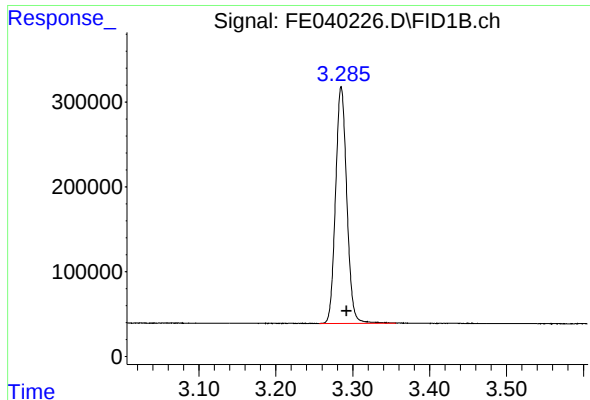
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020723AL\
Data File : FE040226.D
Signal(s) : FID1B.ch
Acq On : 07 Feb 2023 13:13
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Feb 08 01:26:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
Quant Title : GC Extractables
QLast Update : Thu Feb 02 04:52:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

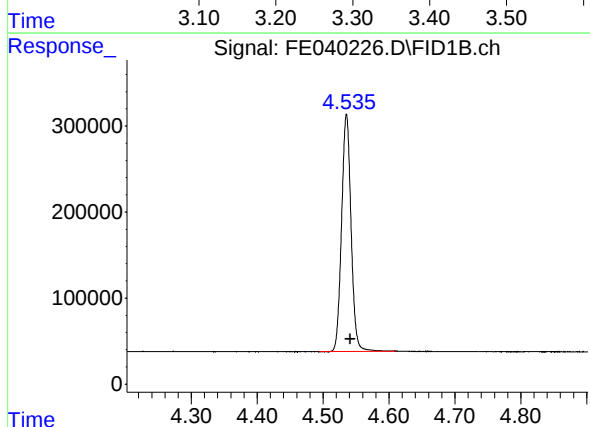




#1 n-Nonane (C9)

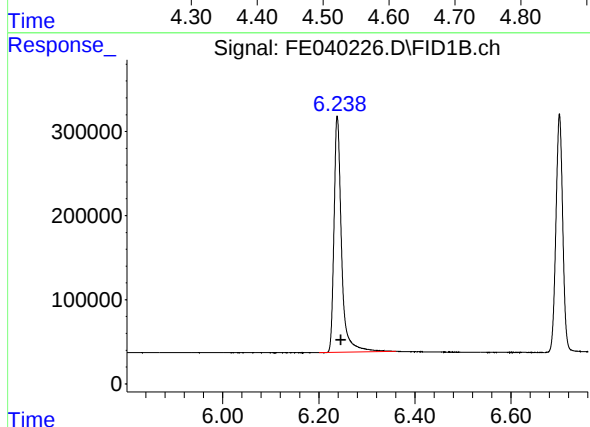
R.T.: 3.285 min
Delta R.T.: -0.007 min
Response: 2831906
Conc: 20.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



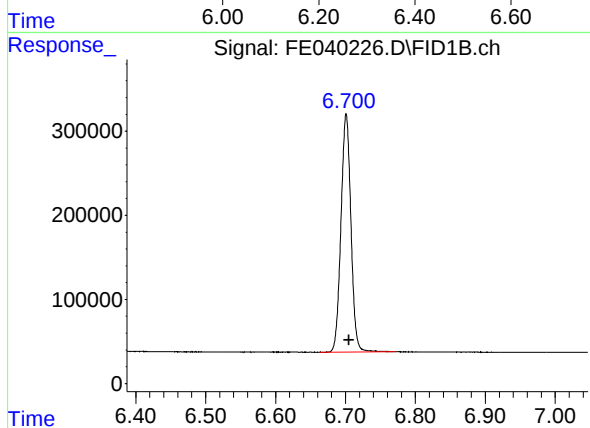
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 2755227
Conc: 20.74 ug/ml



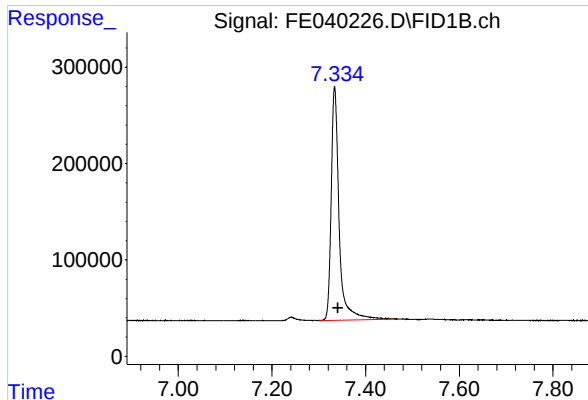
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.007 min
Response: 3059285
Conc: 20.90 ug/ml



#4 n-Dodecane (C12)

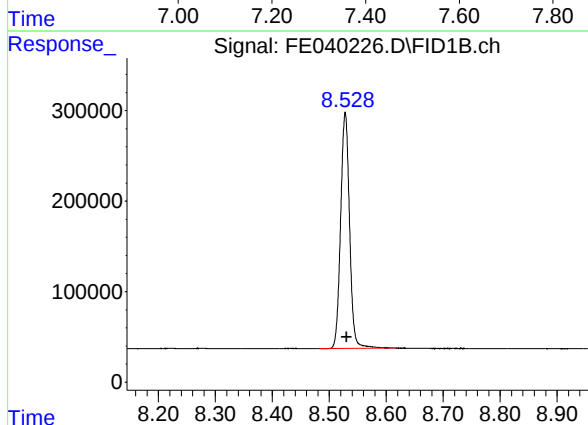
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 2798274
Conc: 20.78 ug/ml



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

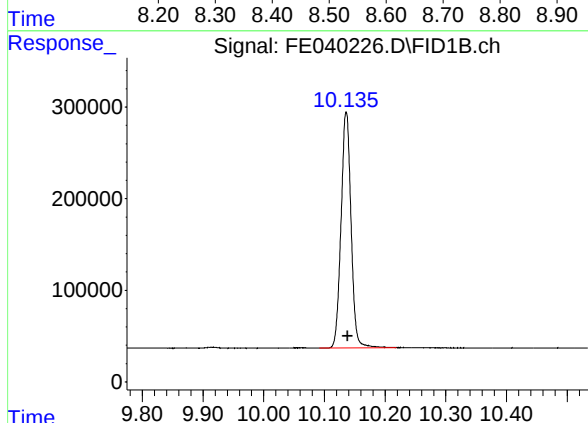
R.T.: 7.334 min
Delta R.T.: -0.007 min
Response: 2846220
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



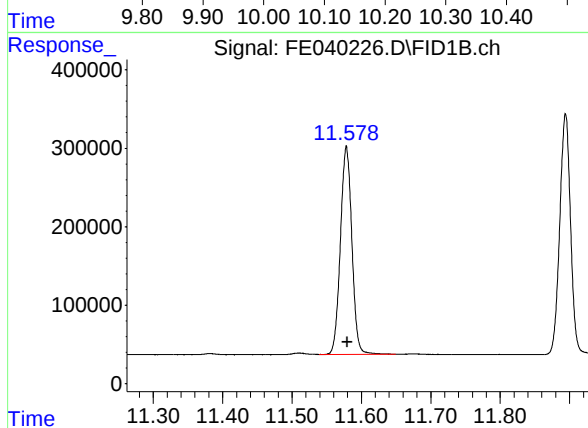
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2835209
Conc: 20.57 ug/ml



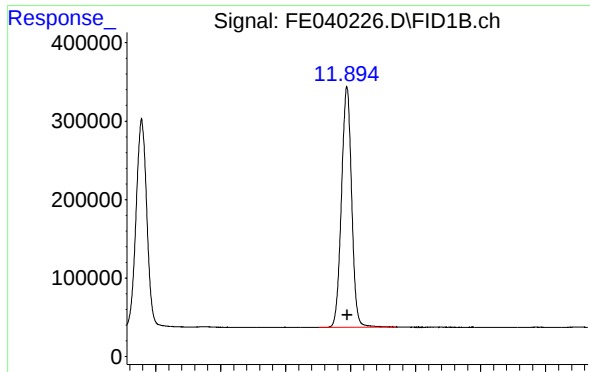
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 2944689
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

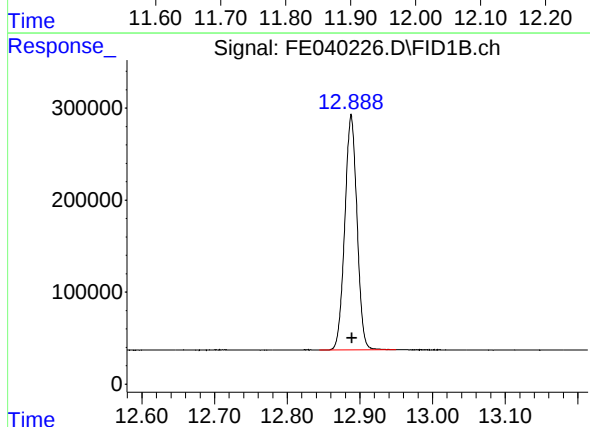
R.T.: 11.578 min
Delta R.T.: -0.001 min
Response: 3042519
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

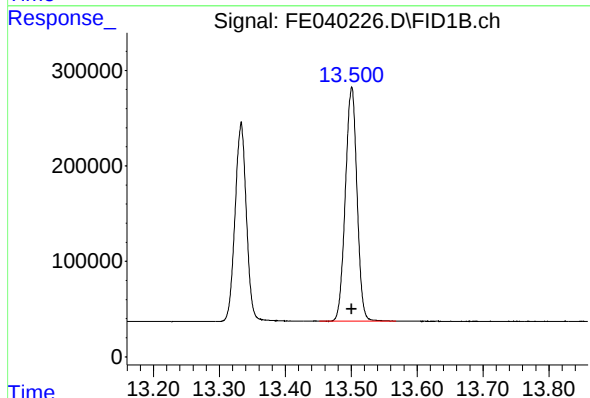
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3336681
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



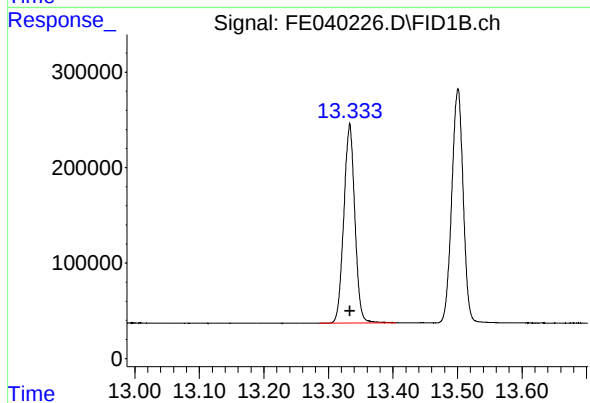
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 2982590
Conc: 20.29 ug/ml



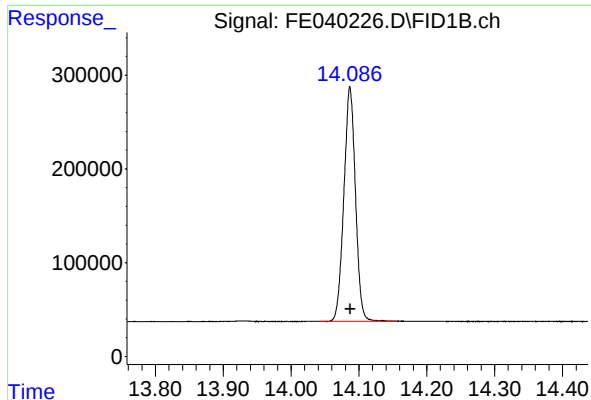
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 3002433
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

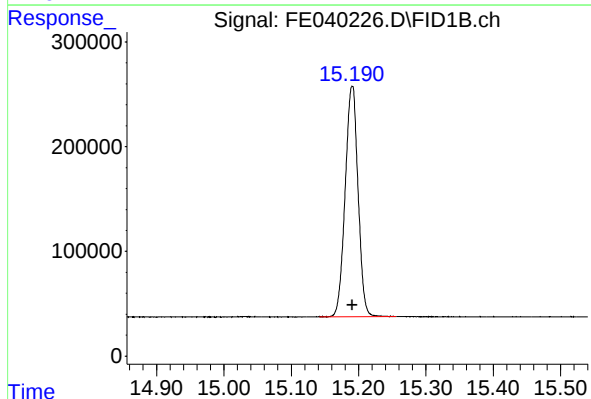
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2476947
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

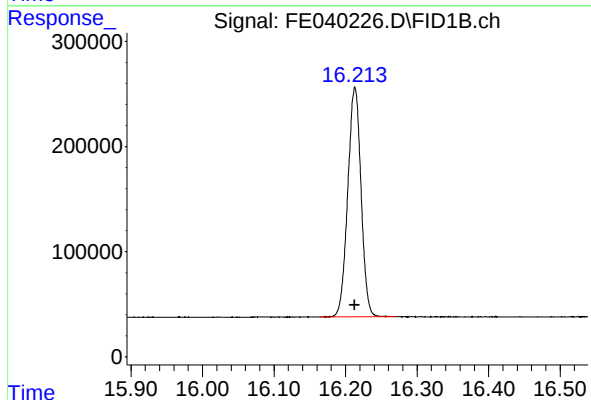
R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 2965106
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



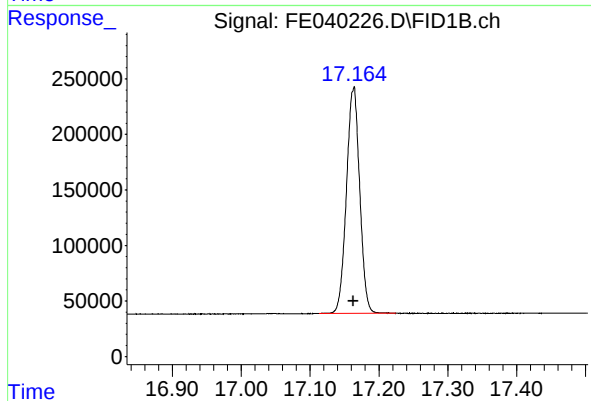
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 2923000
Conc: 19.26 ug/ml



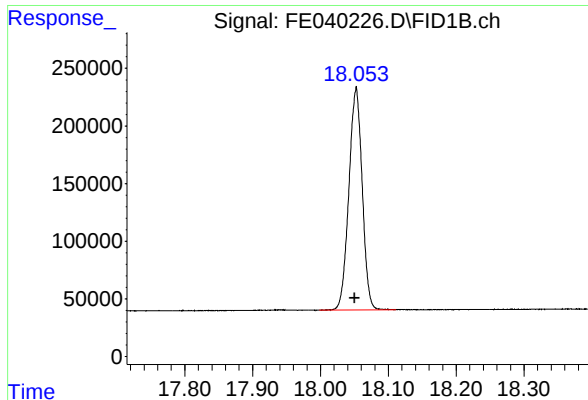
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 2817855
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

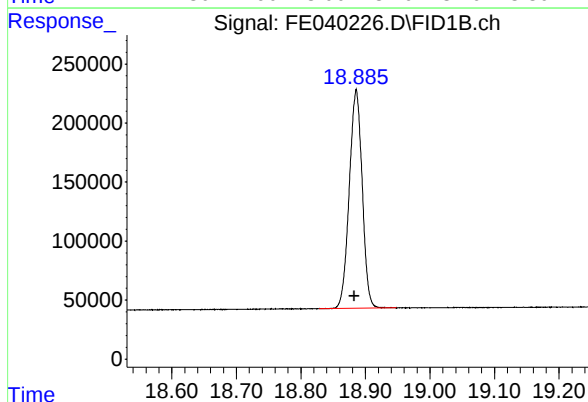
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2723005
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

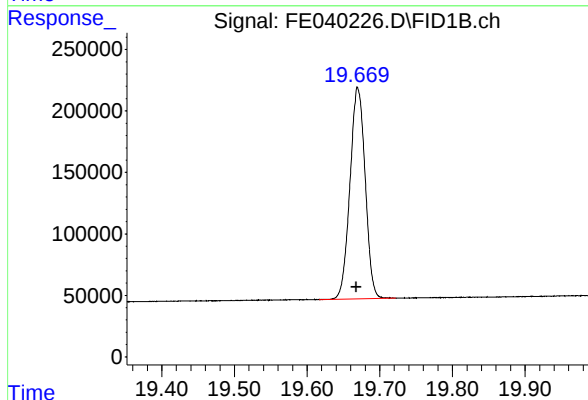
R.T.: 18.053 min
Delta R.T.: 0.002 min
Response: 2630651
Conc: 17.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



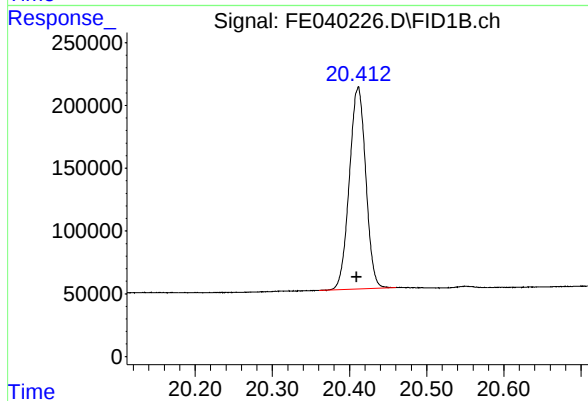
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.003 min
Response: 2575880
Conc: 17.59 ug/ml



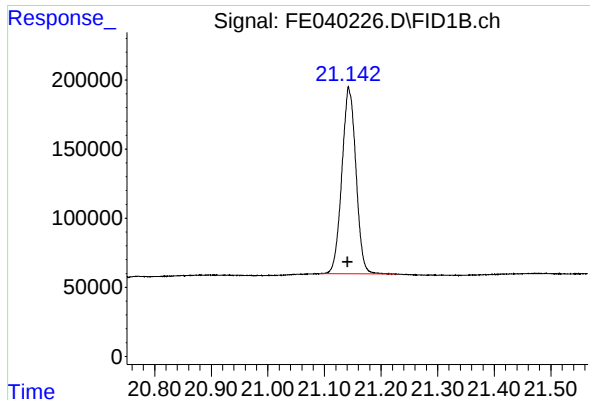
#19 n-Tetatriacontane (C34)

R.T.: 19.670 min
Delta R.T.: 0.002 min
Response: 2502877
Conc: 18.20 ug/ml



#20 n-Hexatriacontane (C36)

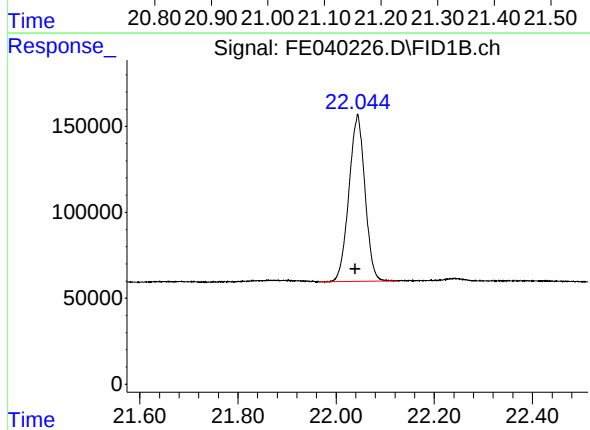
R.T.: 20.411 min
Delta R.T.: 0.002 min
Response: 2371186
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2334812
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: 0.005 min
Response: 2190542
Conc: 16.50 ug/ml