

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070323AL\
 Data File : FE043049.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2023 13:46
 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: Jul 04 07:16:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.906	3291976	17.920 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	13.343	2431324	17.865 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.286	2778130	17.985 ug/ml
2) T n-Decane (C10)	4.538	2856423	18.083 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3037775	17.941 ug/ml
4) T n-Dodecane (C12)	6.707	2886439	18.033 ug/ml
5) T A~2-methylnaphthalene...	7.345	2887470	17.809 ug/ml
6) T n-Tetradecane (C14)	8.537	2888514	18.150 ug/ml
7) T n-Hexadecane (C16)	10.144	2981295	18.102 ug/ml
8) T n-Octadecane (C18)	11.588	3007434	18.093 ug/ml
10) T n-Eicosane (C20)	12.898	2865481	18.058 ug/ml
11) T n-Heneicosane (C21)	13.510	2794983	18.066 ug/ml
13) T n-Docosane (C22)	14.095	2744103	18.014 ug/ml
14) T n-Tetracosane (C24)	15.199	2693117	18.151 ug/ml
15) T n-Hexacosane (C26)	16.219	2608683	18.247 ug/ml
16) T n-Octacosane (C28)	17.170	2601098	18.754 ug/ml
17) T n-Tricontane (C30)	18.058	2790677	19.732 ug/ml
18) T n-Dotriacontane (C32)	18.890	2839974	20.248 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2730797	19.955 ug/ml
20) T n-Hexatriacontane (C36)	20.413	2609329	19.511 ug/ml
21) T n-Octatriacontane (C38)	21.154	2627354	19.270 ug/ml
22) T n-Tetracontane (C40)	22.068	2681453	19.273 ug/ml

(f)=RT Delta > 1/2 Window

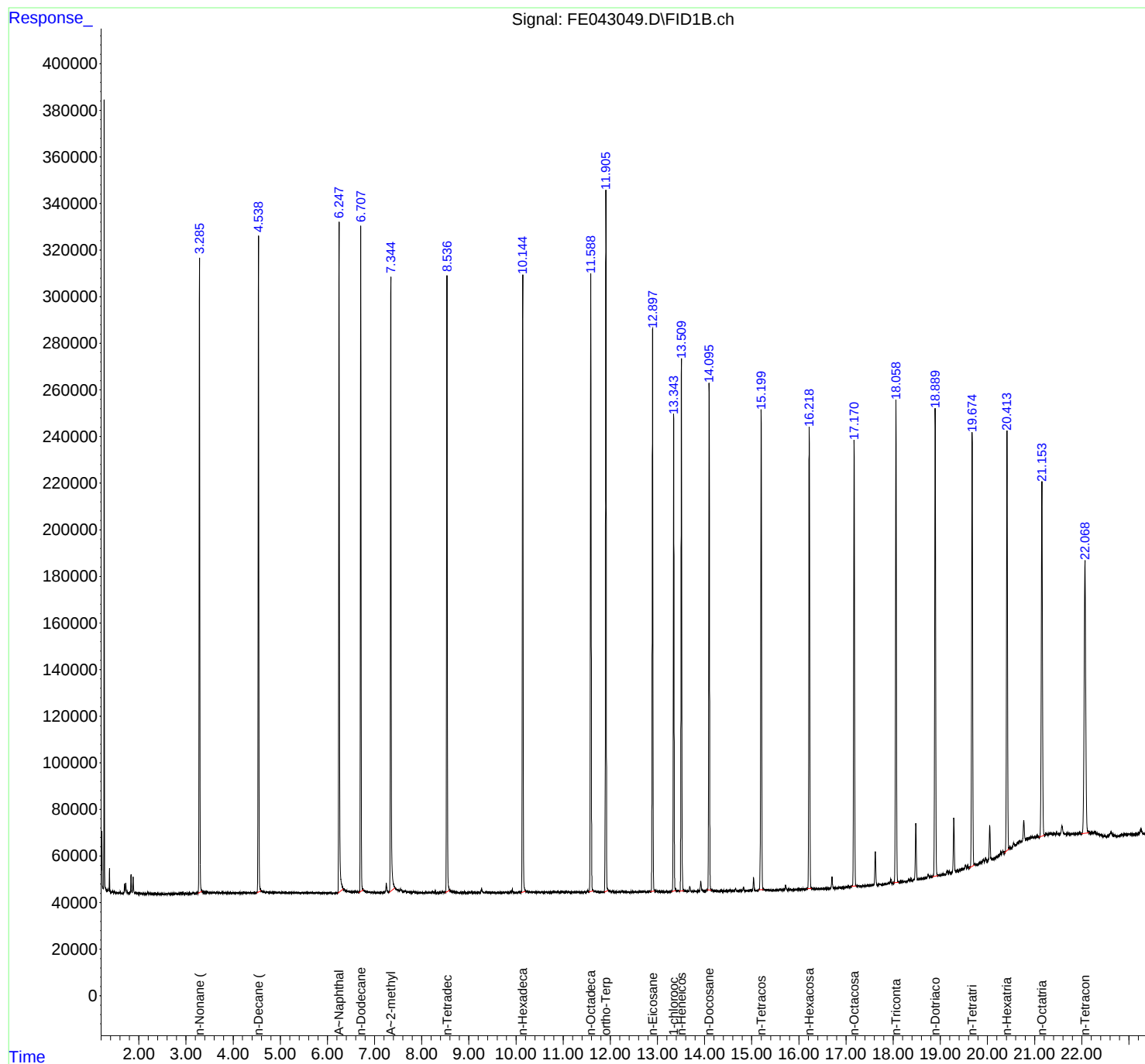
(m)=manual int.

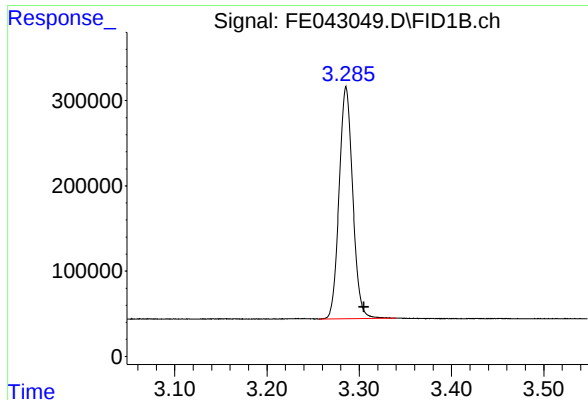
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070323AL\
Data File : FE043049.D
Signal(s) : FID1B.ch
Acq On : 03 Jul 2023 13:46
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 04 07:16:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

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

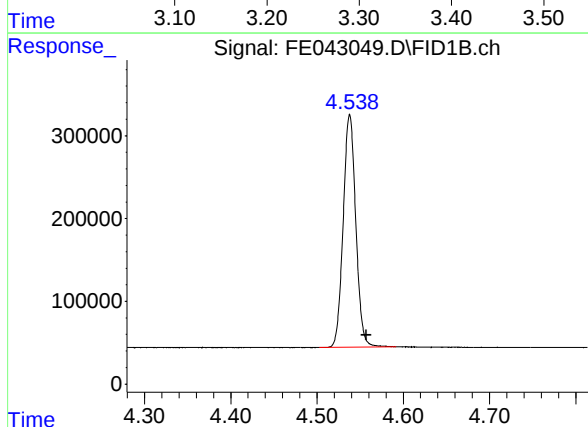




#1 n-Nonane (C9)

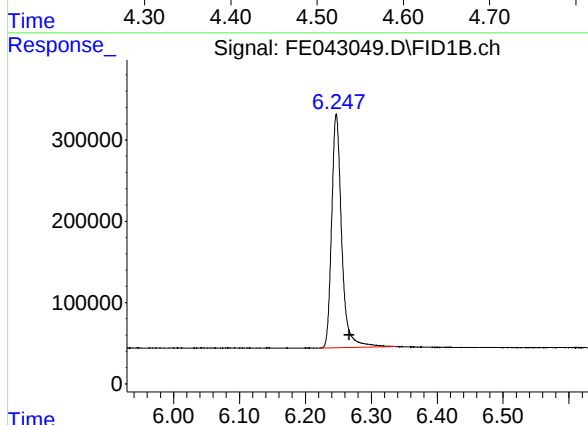
R.T.: 3.286 min
Delta R.T.: -0.019 min
Response: 2778130
Conc: 17.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



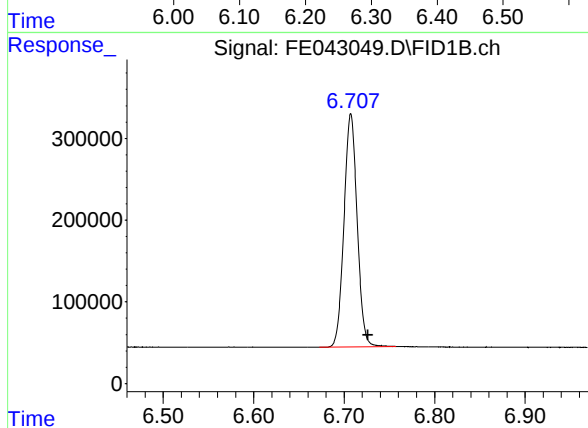
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.019 min
Response: 2856423
Conc: 18.08 ug/ml



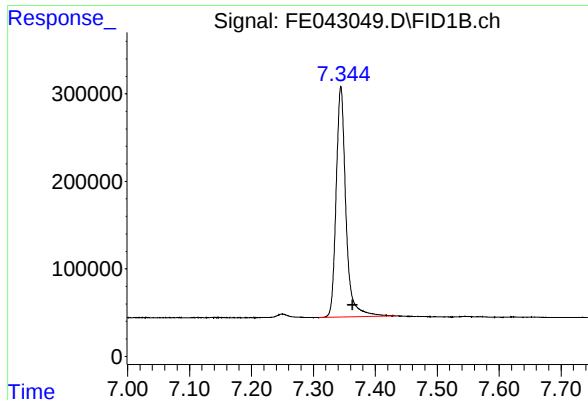
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: -0.019 min
Response: 3037775
Conc: 17.94 ug/ml



#4 n-Dodecane (C12)

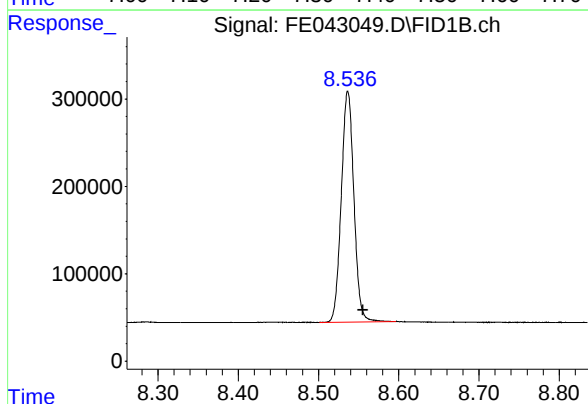
R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 2886439
Conc: 18.03 ug/ml



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

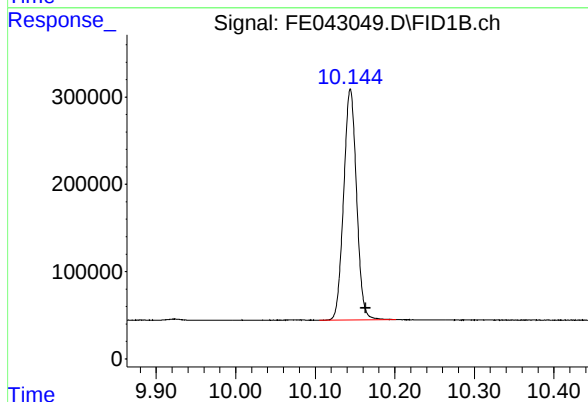
R.T.: 7.345 min
Delta R.T.: -0.019 min
Response: 2887470
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



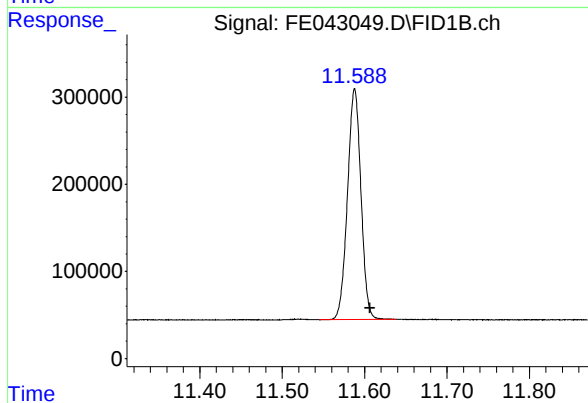
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 2888514
Conc: 18.15 ug/ml



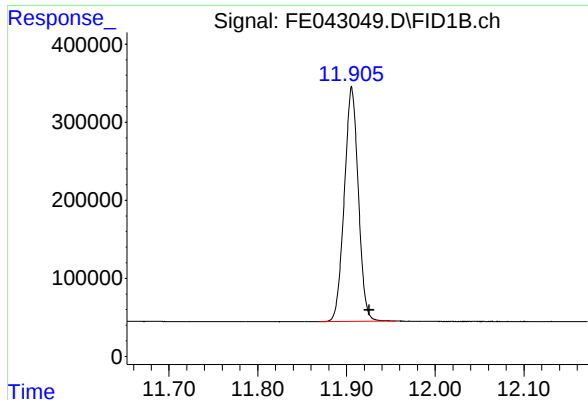
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 2981295
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

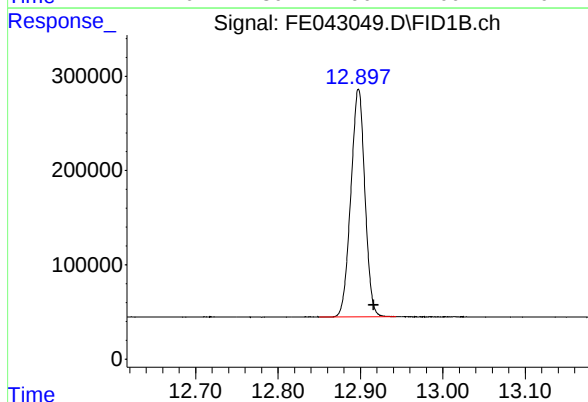
R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 3007434
Conc: 18.09 ug/ml



#9 ortho-Terphenyl (SURR)

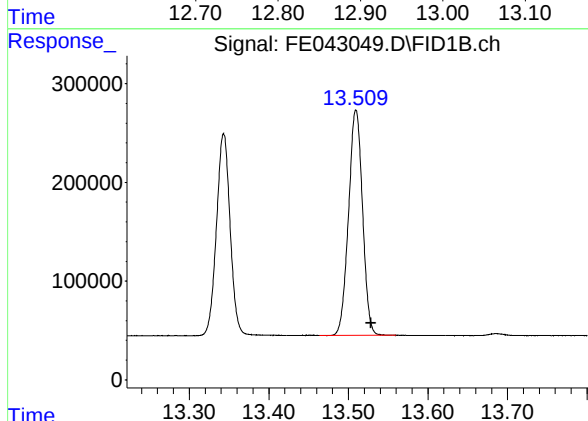
R.T.: 11.906 min
Delta R.T.: -0.020 min
Response: 3291976
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



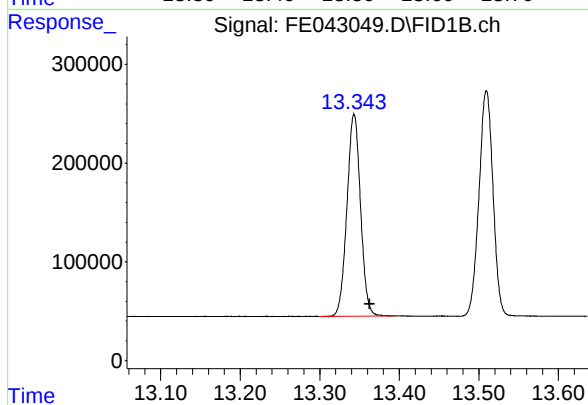
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.018 min
Response: 2865481
Conc: 18.06 ug/ml



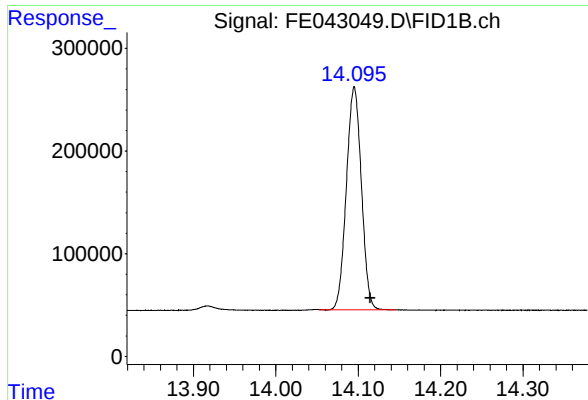
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.019 min
Response: 2794983
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

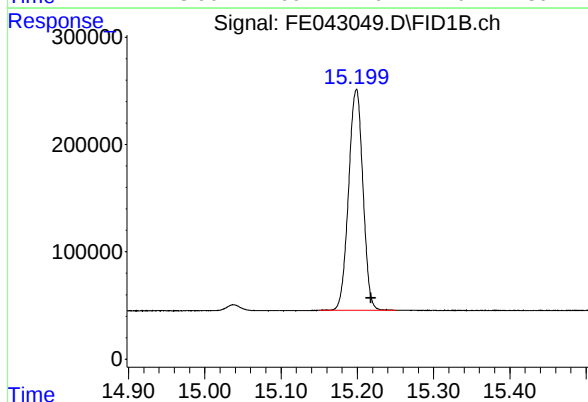
R.T.: 13.343 min
Delta R.T.: -0.019 min
Response: 2431324
Conc: 17.87 ug/ml



#13 n-Docosane (C22)

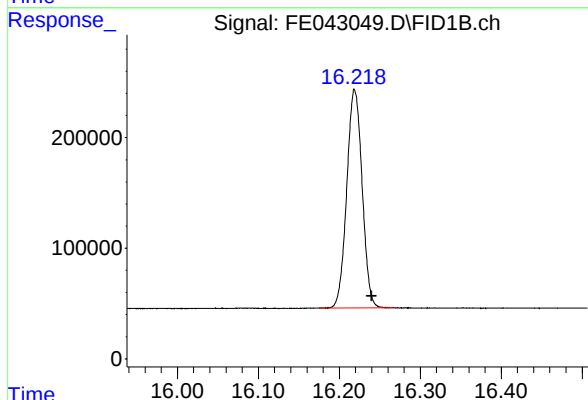
R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 2744103
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



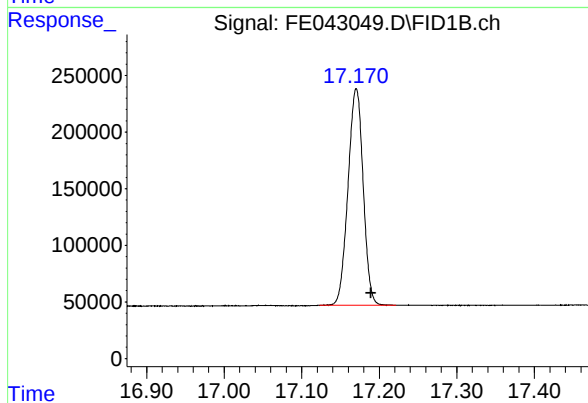
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 2693117
Conc: 18.15 ug/ml



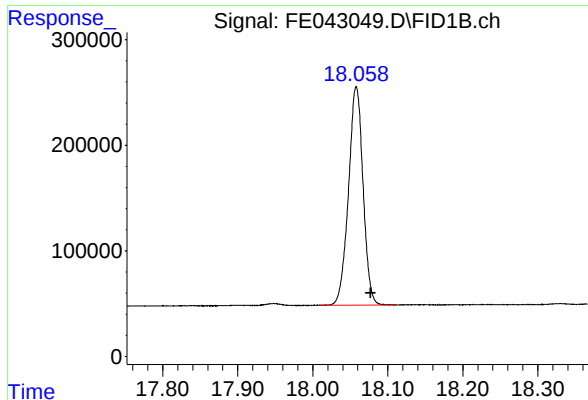
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 2608683
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

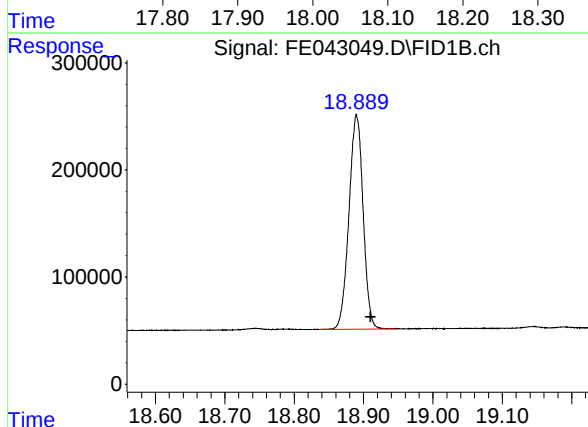
R.T.: 17.170 min
Delta R.T.: -0.019 min
Response: 2601098
Conc: 18.75 ug/ml



#17 n-Tricontane (C30)

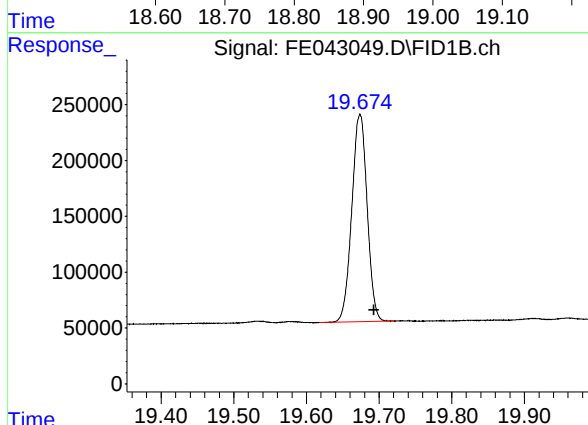
R.T.: 18.058 min
Delta R.T.: -0.019 min
Response: 2790677
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



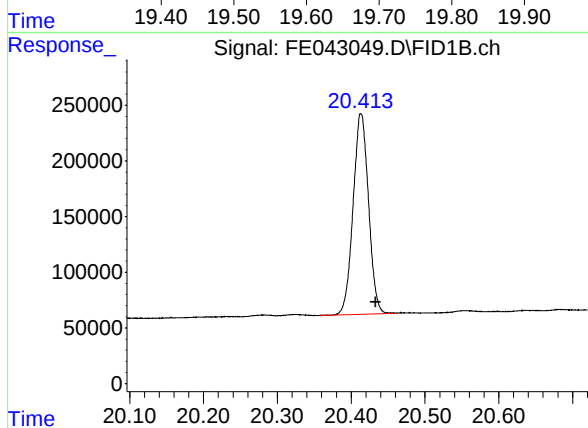
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.020 min
Response: 2839974
Conc: 20.25 ug/ml



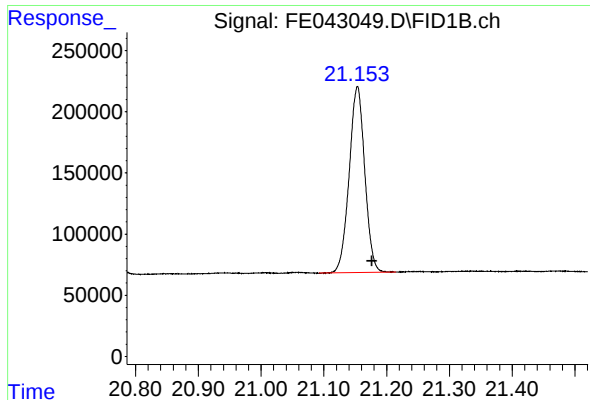
#19 n-Tetatriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.019 min
Response: 2730797
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

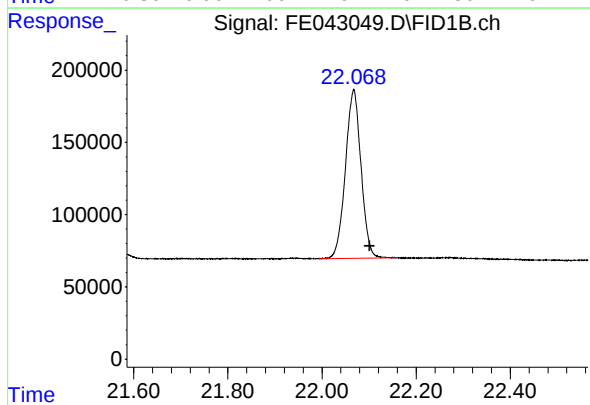
R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 2609329
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.023 min
Response: 2627354
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.034 min
Response: 2681453
Conc: 19.27 ug/ml