

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
 Data File : FE043072.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2023 08:58
 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 05 10:48:45 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	3520897	19.166 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.343	2591032	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.285	2943298	19.054 ug/ml
2) T n-Decane (C10)	4.538	3045456	19.280 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3236798	19.116 ug/ml
4) T n-Dodecane (C12)	6.708	3082838	19.260 ug/ml
5) T A~2-methylnaphthalene...	7.344	3077499	18.981 ug/ml
6) T n-Tetradecane (C14)	8.537	3080497	19.356 ug/ml
7) T n-Hexadecane (C16)	10.145	3188644	19.360 ug/ml
8) T n-Octadecane (C18)	11.588	3216134	19.349 ug/ml
10) T n-Eicosane (C20)	12.897	3067625	19.332 ug/ml
11) T n-Heneicosane (C21)	13.509	2985060	19.294 ug/ml
13) T n-Docosane (C22)	14.096	2934388	19.263 ug/ml
14) T n-Tetracosane (C24)	15.199	2885511	19.448 ug/ml
15) T n-Hexacosane (C26)	16.221	2803424	19.610 ug/ml
16) T n-Octacosane (C28)	17.170	2801846	20.201 ug/ml
17) T n-Tricontane (C30)	18.058	3017551	21.336 ug/ml
18) T n-Dotriacontane (C32)	18.891	3084187	21.989 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2956254	21.603 ug/ml
20) T n-Hexatriacontane (C36)	20.413	2846293	21.283 ug/ml
21) T n-Octatriacontane (C38)	21.154	2804620	20.571 ug/ml
22) T n-Tetracontane (C40)	22.067	3141966	22.583 ug/ml

(f)=RT Delta > 1/2 Window

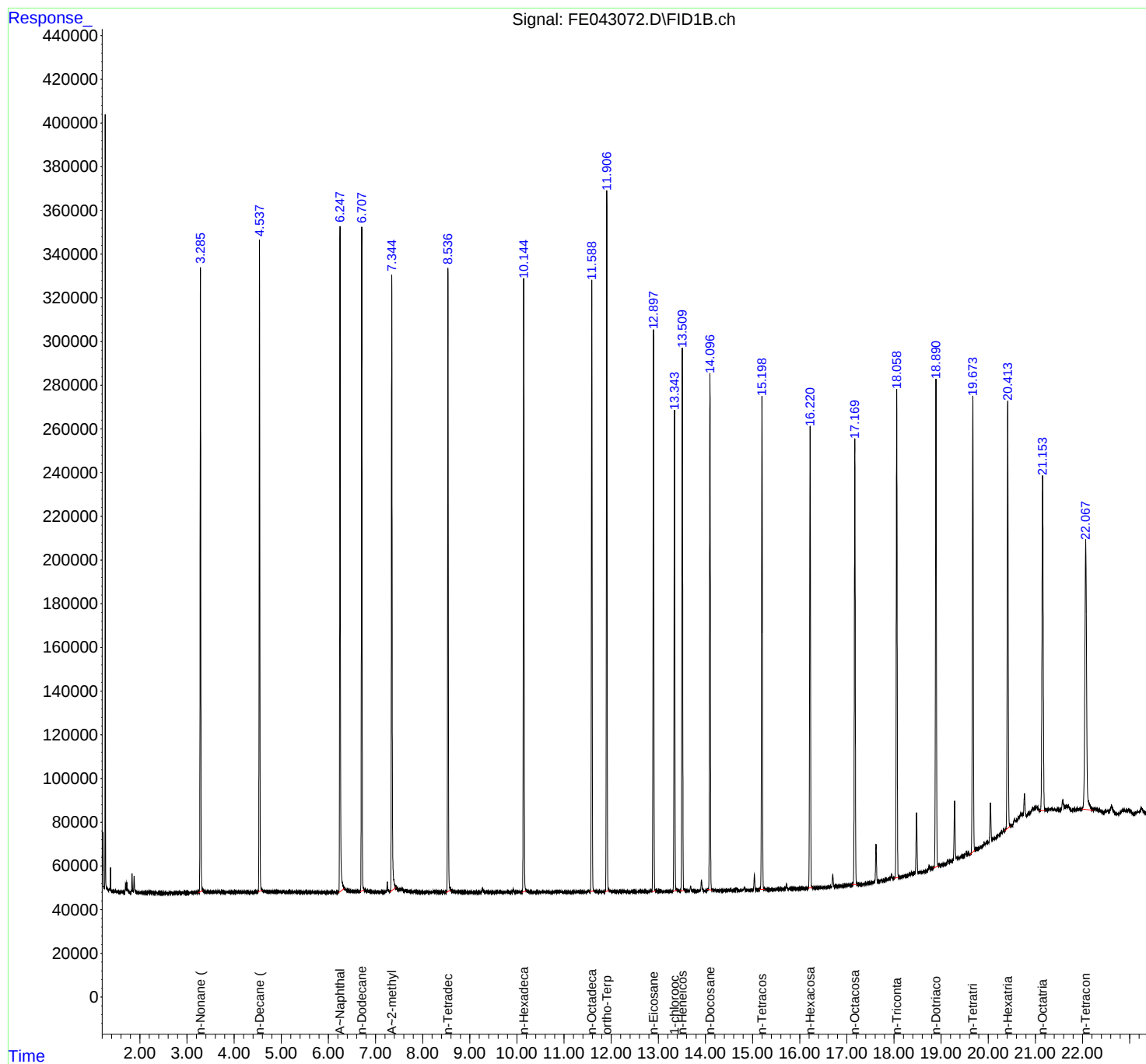
(m)=manual int.

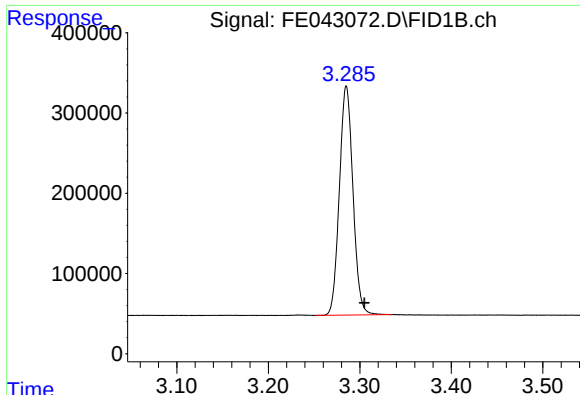
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
Data File : FE043072.D
Signal(s) : FID1B.ch
Acq On : 05 Jul 2023 08:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 05 10:48:45 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

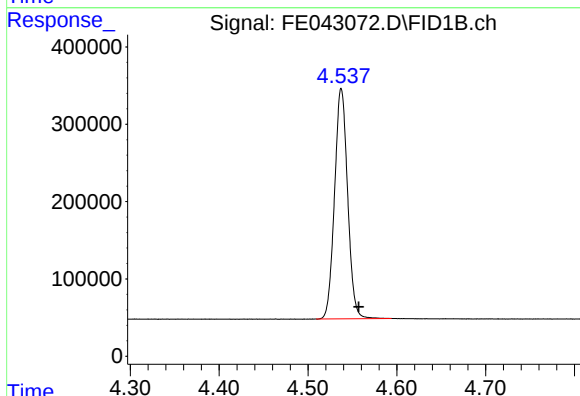




#1 n-Nonane (C9)

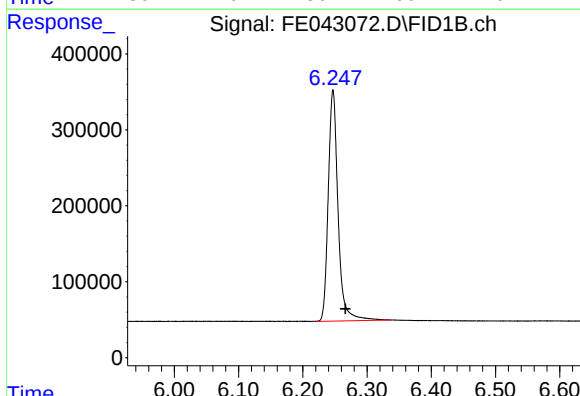
R.T.: 3.285 min
Delta R.T.: -0.020 min
Response: 2943298
Conc: 19.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



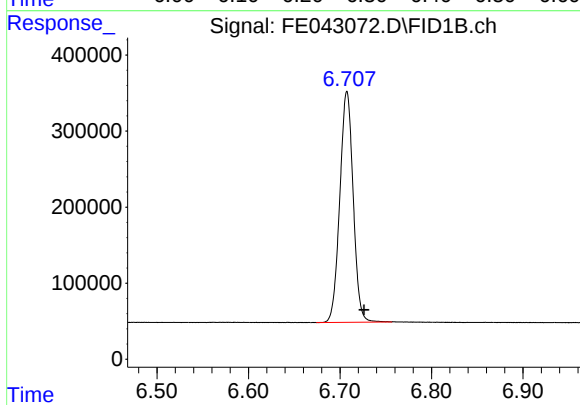
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.020 min
Response: 3045456
Conc: 19.28 ug/ml



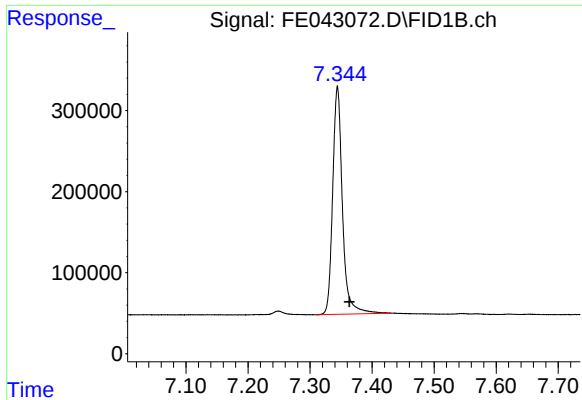
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: -0.019 min
Response: 3236798
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

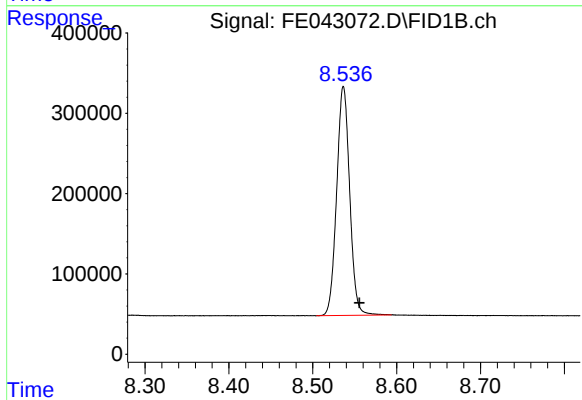
R.T.: 6.708 min
Delta R.T.: -0.019 min
Response: 3082838
Conc: 19.26 ug/ml



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

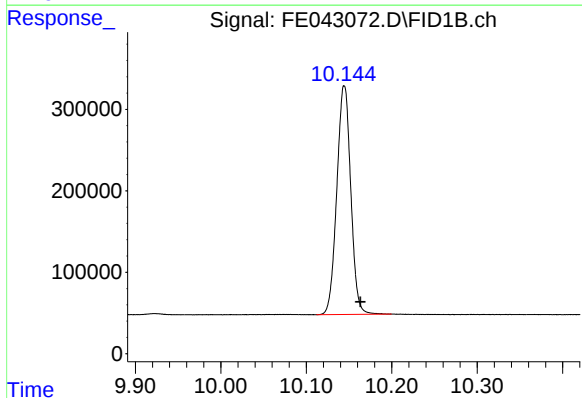
R.T.: 7.344 min
Delta R.T.: -0.019 min
Response: 3077499
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



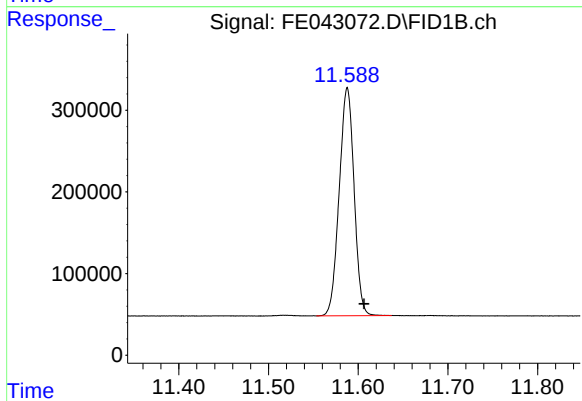
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 3080497
Conc: 19.36 ug/ml



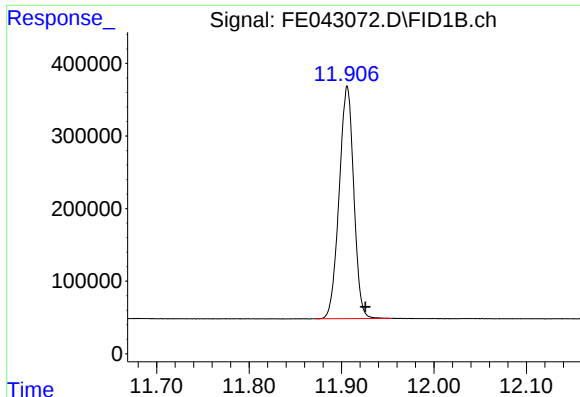
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.019 min
Response: 3188644
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

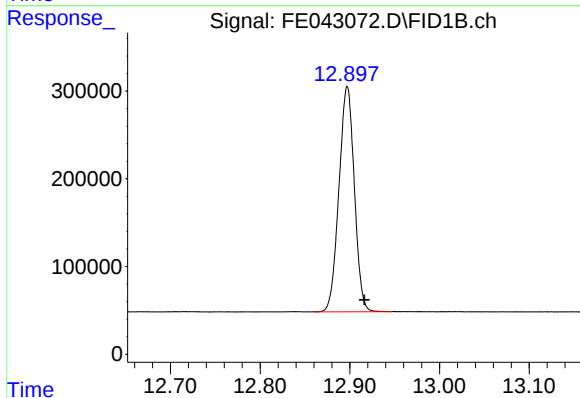
R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 3216134
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

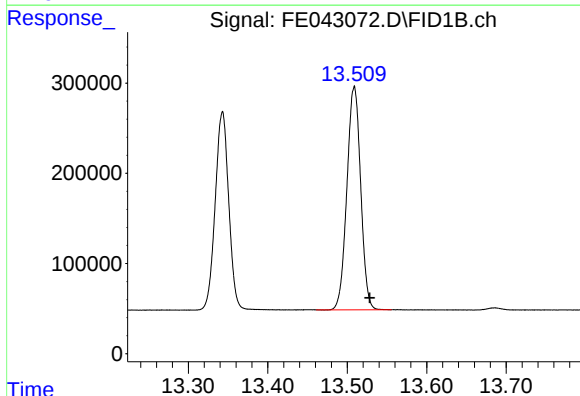
R.T.: 11.906 min
Delta R.T.: -0.020 min
Response: 3520897
Conc: 19.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



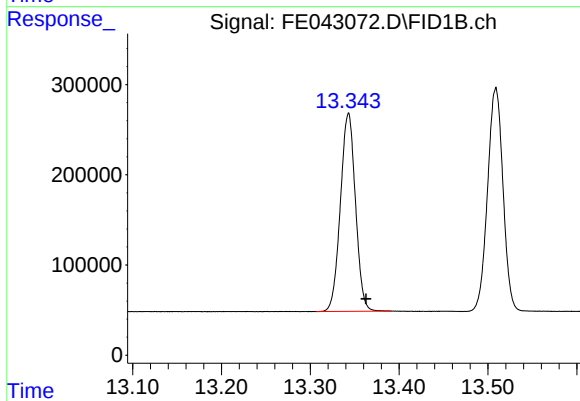
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.019 min
Response: 3067625
Conc: 19.33 ug/ml



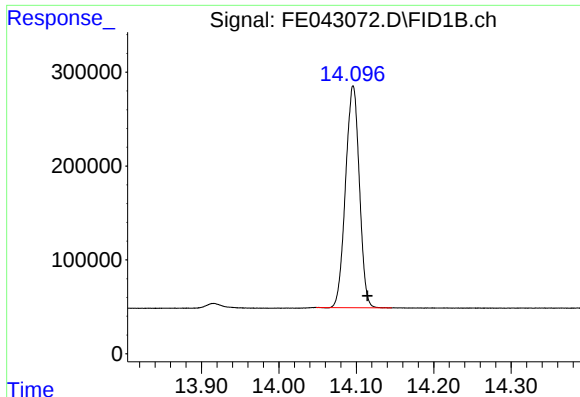
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.020 min
Response: 2985060
Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

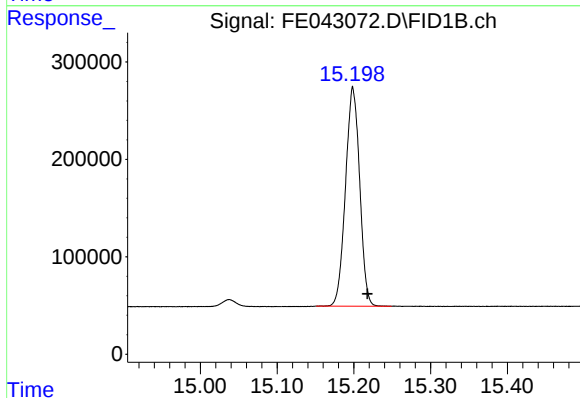
R.T.: 13.343 min
Delta R.T.: -0.020 min
Response: 2591032
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

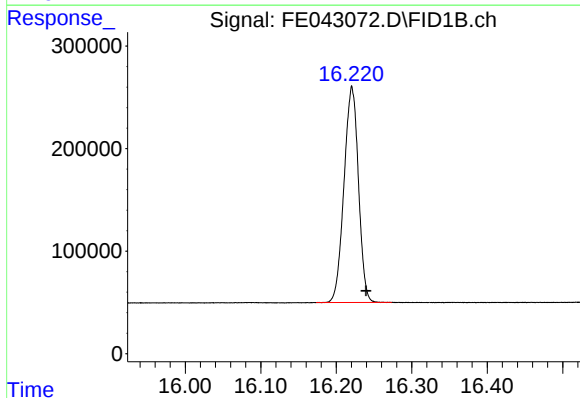
R.T.: 14.096 min
Delta R.T.: -0.019 min
Response: 2934388
Conc: 19.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



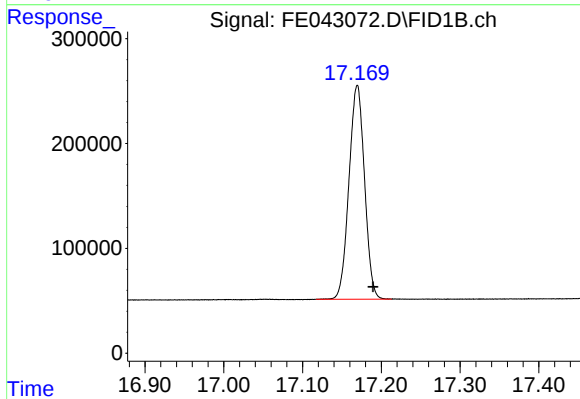
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 2885511
Conc: 19.45 ug/ml



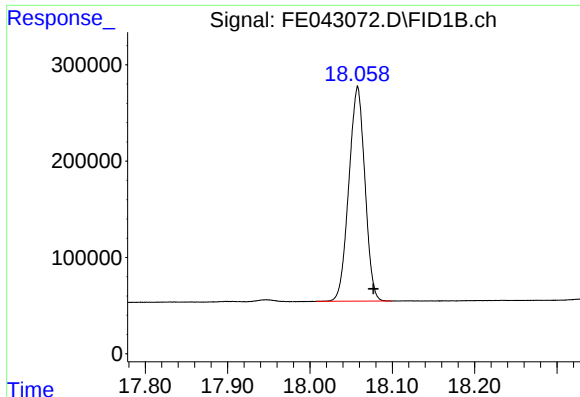
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.019 min
Response: 2803424
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

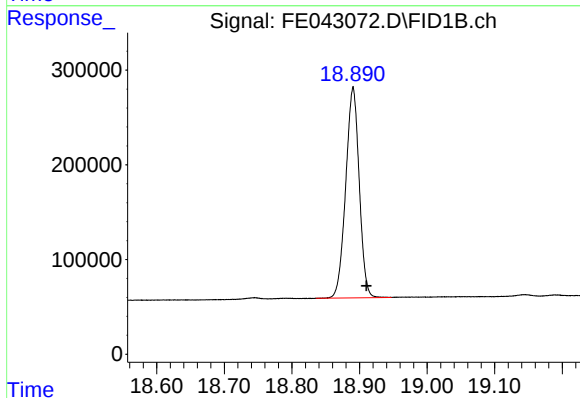
R.T.: 17.170 min
Delta R.T.: -0.020 min
Response: 2801846
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

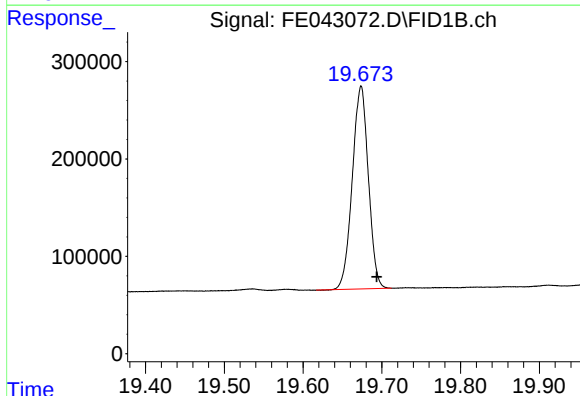
R.T.: 18.058 min
Delta R.T.: -0.019 min
Response: 3017551
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



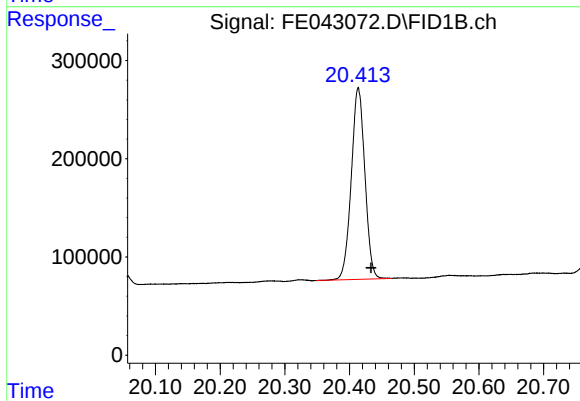
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: -0.020 min
Response: 3084187
Conc: 21.99 ug/ml



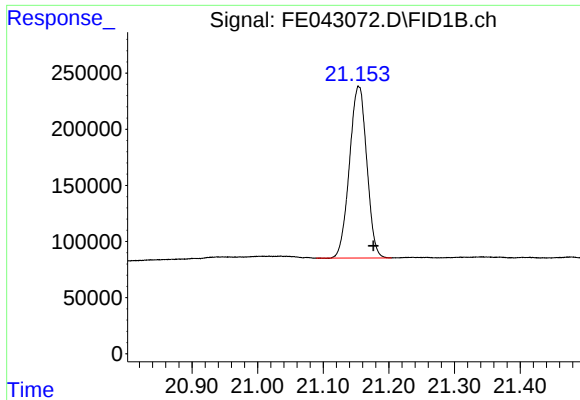
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.020 min
Response: 2956254
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

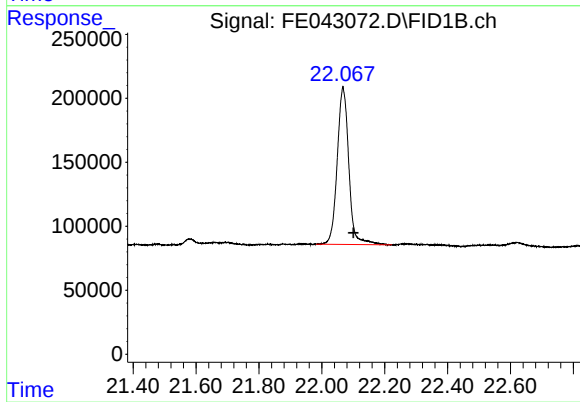
R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 2846293
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.022 min
Response: 2804620
Conc: 20.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.034 min
Response: 3141966
Conc: 22.58 ug/ml