

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060123AL\
 Data File : FE042339.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2023 13:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 16:16:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.951	3109869	17.612 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	13.387	2300092	17.310 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
Target Compounds			
1) T n-Nonane (C9)	3.331	2588507	17.951 ug/ml
2) T n-Decane (C10)	4.583	2673523	18.060 ug/ml
3) T A~Naphthalene (C11.7)	6.291	2876744	17.631 ug/ml
4) T n-Dodecane (C12)	6.752	2711977	18.085 ug/ml
5) T A~2-methylnaphthalene...	7.388	2775095	17.486 ug/ml
6) T n-Tetradecane (C14)	8.581	2684644	17.921 ug/ml
7) T n-Hexadecane (C16)	10.188	2785401	17.881 ug/ml
8) T n-Octadecane (C18)	11.631	2812108	17.783 ug/ml
10) T n-Eicosane (C20)	12.942	2685413	17.716 ug/ml
11) T n-Heneicosane (C21)	13.553	2613492	17.640 ug/ml
13) T n-Docosane (C22)	14.140	2569614	17.528 ug/ml
14) T n-Tetracosane (C24)	15.243	2539748	17.594 ug/ml
15) T n-Hexacosane (C26)	16.263	2490179	17.980 ug/ml
16) T n-Octacosane (C28)	17.213	2473494	18.475 ug/ml
17) T n-Tricontane (C30)	18.101	2630450	19.486 ug/ml
18) T n-Dotriacontane (C32)	18.934	2638214	19.748 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2491773	18.947 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2395277	18.429 ug/ml
21) T n-Octatriacontane (C38)	21.206	2360249	17.397 ug/ml
22) T n-Tetracontane (C40)	22.137	2334453	16.780 ug/ml

(f)=RT Delta > 1/2 Window

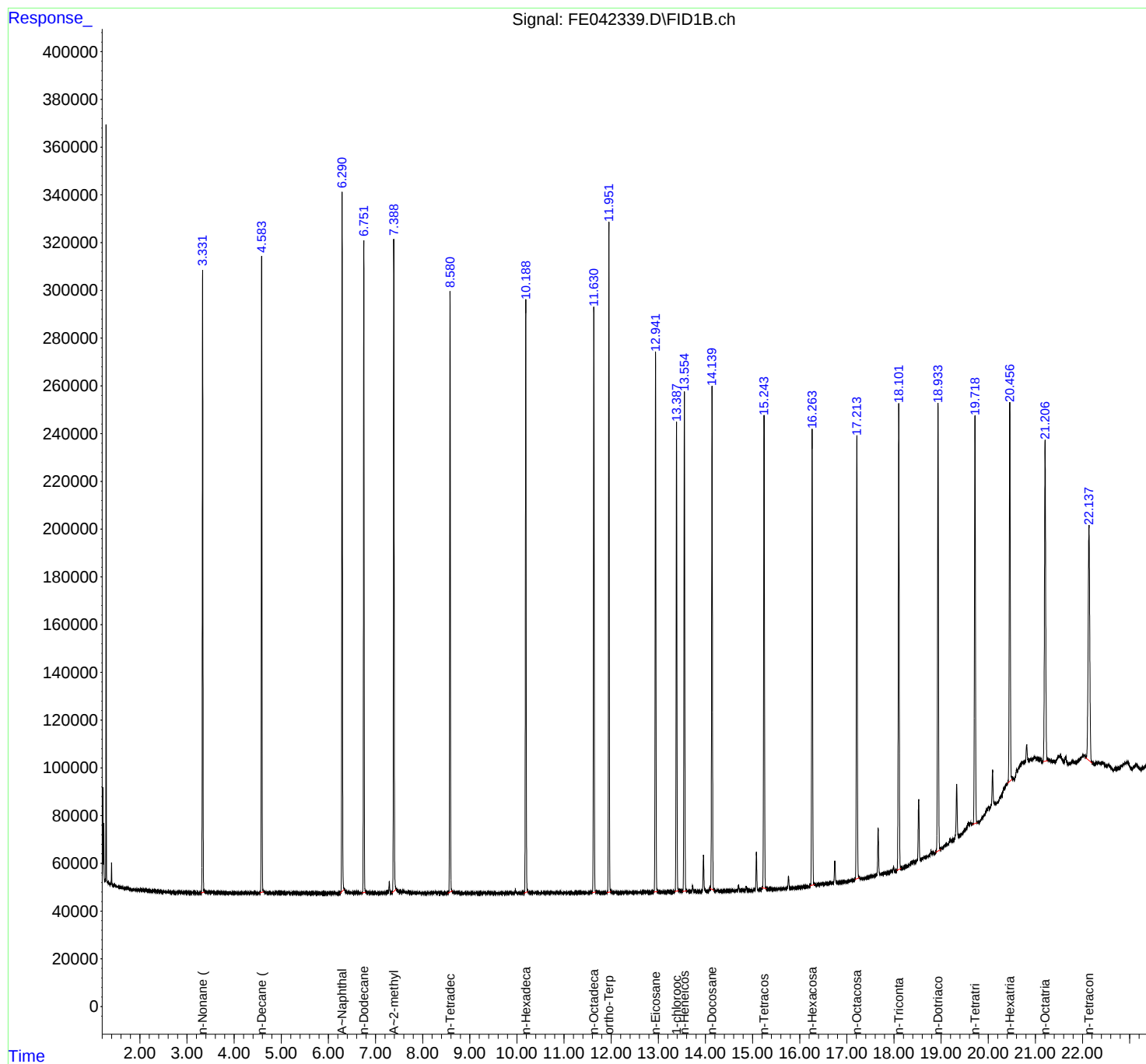
(m)=manual int.

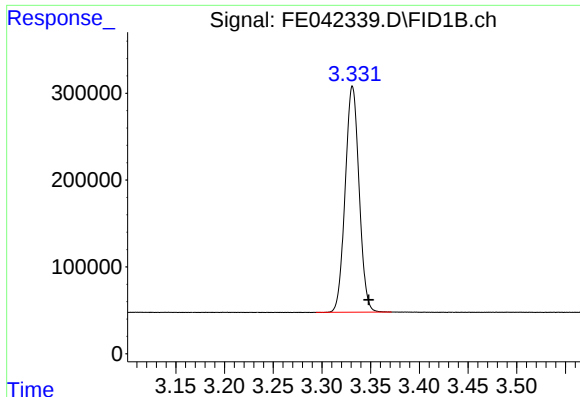
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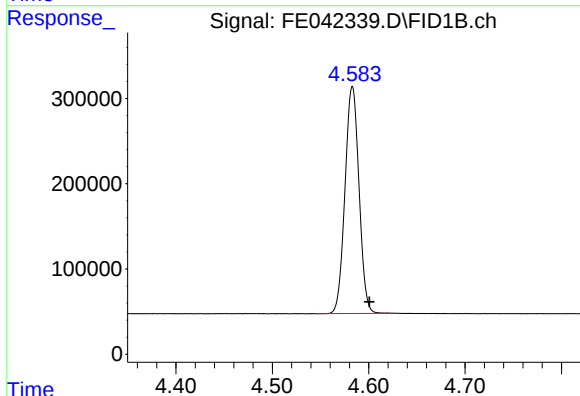




#1 n-Nonane (C9)

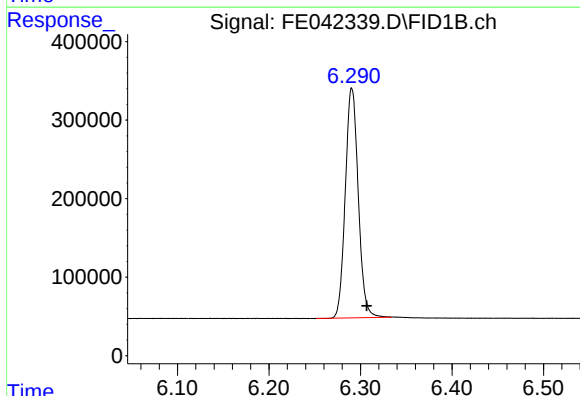
R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 2588507
Conc: 17.95 ug/ml

Instrument :
FID_E
ClientSampleId :



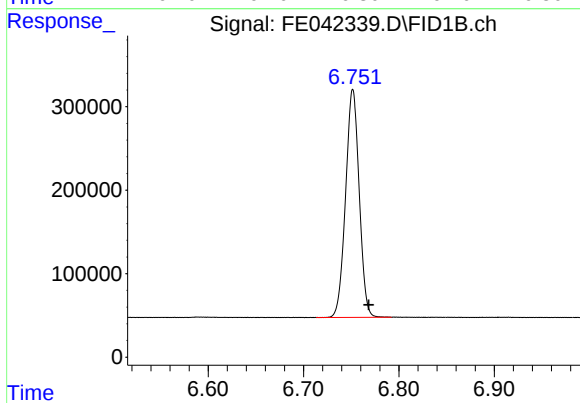
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.017 min
Response: 2673523
Conc: 18.06 ug/ml



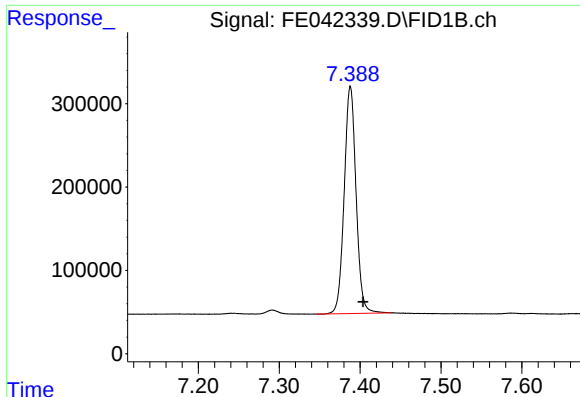
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.016 min
Response: 2876744
Conc: 17.63 ug/ml



#4 n-Dodecane (C12)

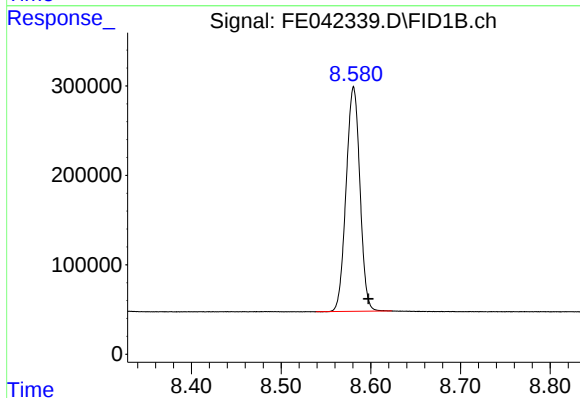
R.T.: 6.752 min
Delta R.T.: -0.017 min
Response: 2711977
Conc: 18.09 ug/ml



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

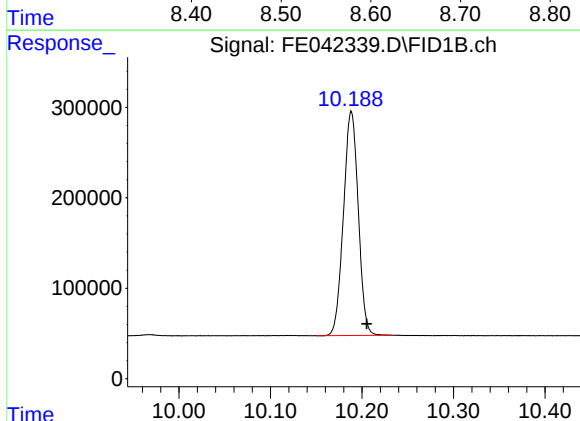
R.T.: 7.388 min
Delta R.T.: -0.016 min
Response: 2775095
Conc: 17.49 ug/ml

Instrument :
FID_E
ClientSampleId :



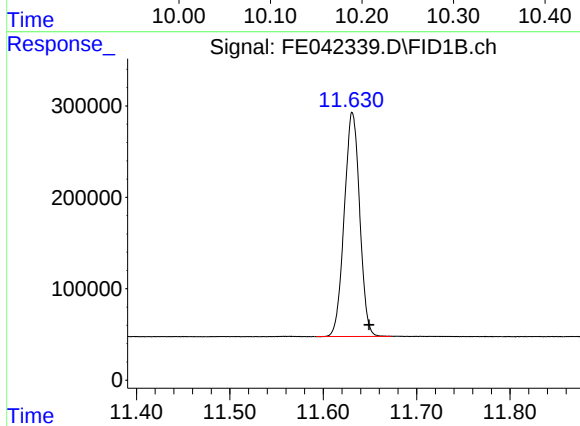
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.016 min
Response: 2684644
Conc: 17.92 ug/ml



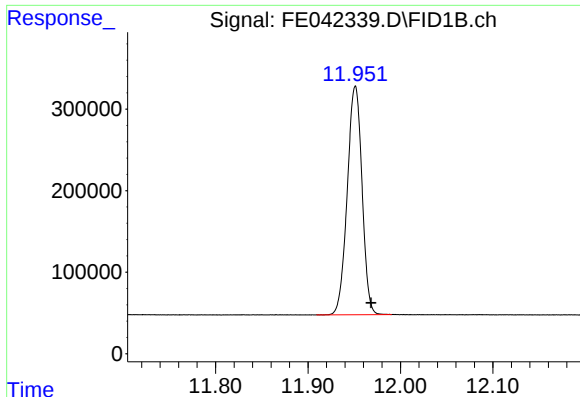
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.017 min
Response: 2785401
Conc: 17.88 ug/ml



#8 n-Octadecane (C18)

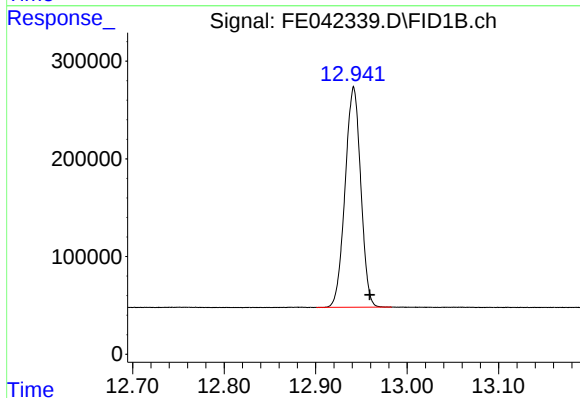
R.T.: 11.631 min
Delta R.T.: -0.018 min
Response: 2812108
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

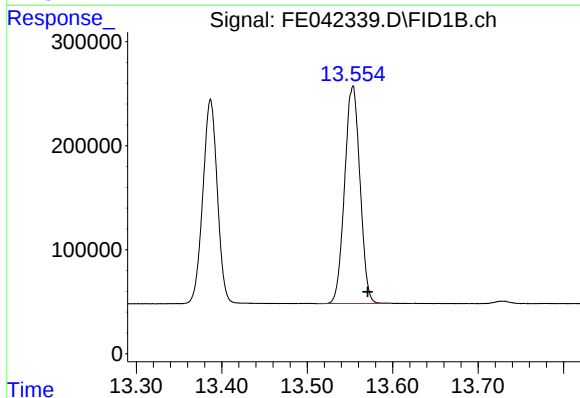
R.T.: 11.951 min
Delta R.T.: -0.017 min
Response: 3109869
Conc: 17.61 ug/ml

Instrument :
FID_E
ClientSampleId :



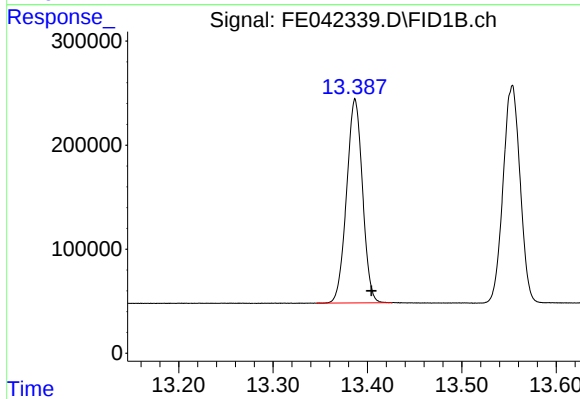
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.018 min
Response: 2685413
Conc: 17.72 ug/ml



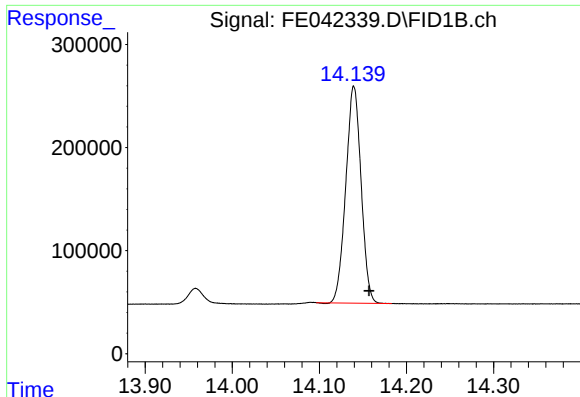
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.017 min
Response: 2613492
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

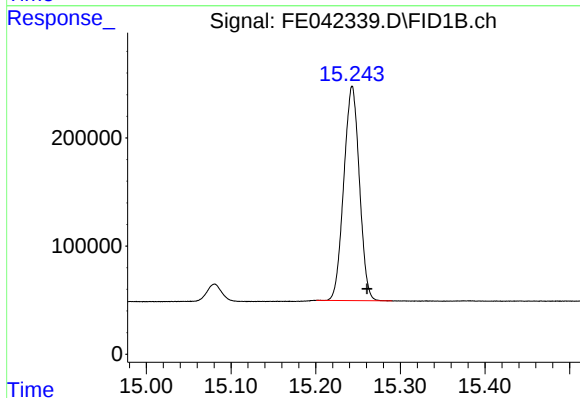
R.T.: 13.387 min
Delta R.T.: -0.017 min
Response: 2300092
Conc: 17.31 ug/ml



#13 n-Docosane (C22)

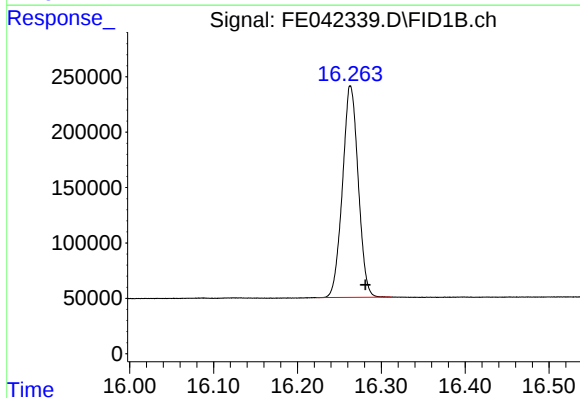
R.T.: 14.140 min
Delta R.T.: -0.017 min
Response: 2569614
Conc: 17.53 ug/ml

Instrument :
FID_E
ClientSampleId :



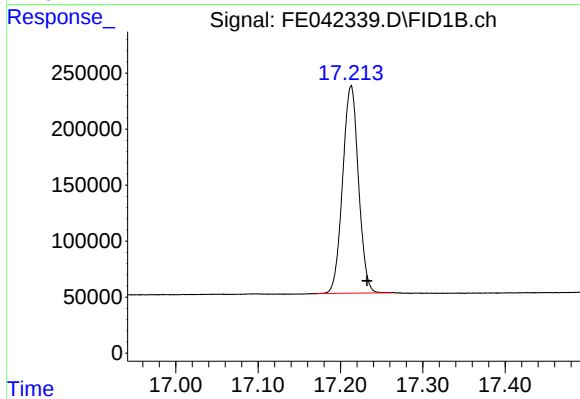
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 2539748
Conc: 17.59 ug/ml



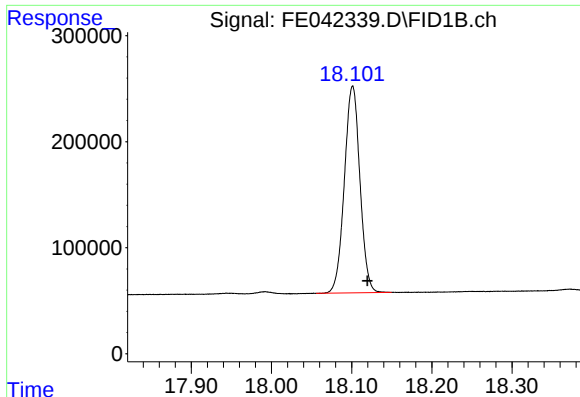
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.018 min
Response: 2490179
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

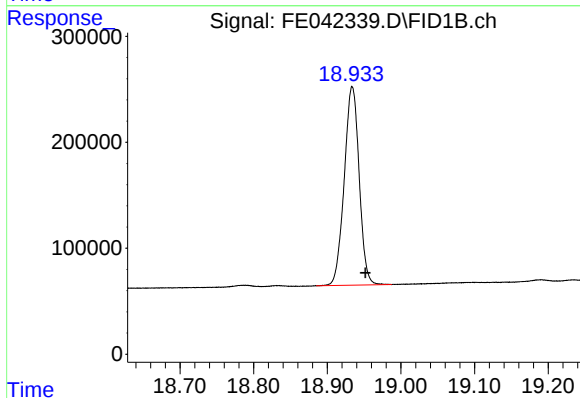
R.T.: 17.213 min
Delta R.T.: -0.019 min
Response: 2473494
Conc: 18.47 ug/ml



#17 n-Tricontane (C30)

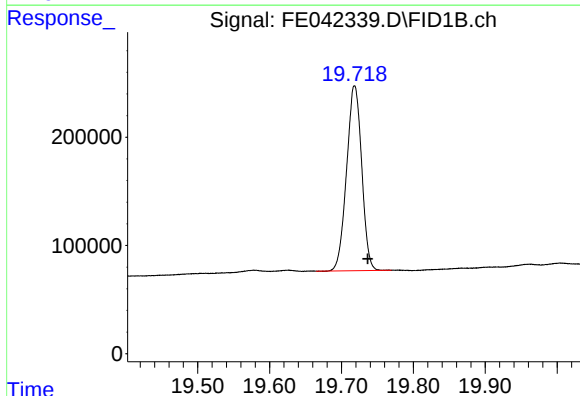
R.T.: 18.101 min
Delta R.T.: -0.018 min
Response: 2630450
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :



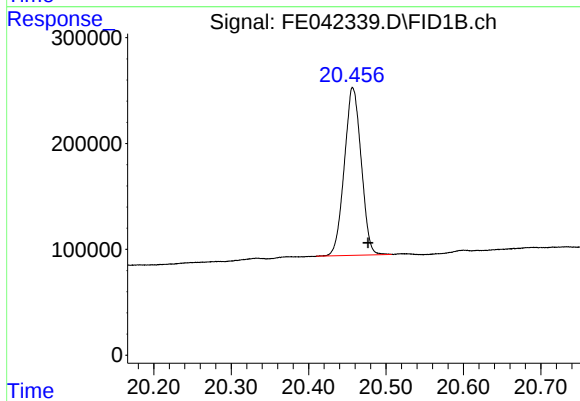
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2638214
Conc: 19.75 ug/ml



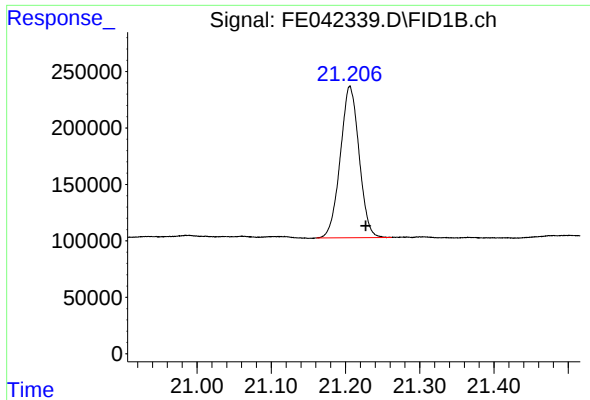
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.018 min
Response: 2491773
Conc: 18.95 ug/ml



#20 n-Hexatriacontane (C36)

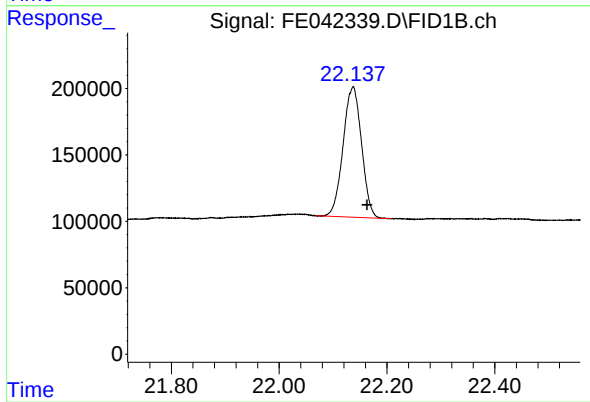
R.T.: 20.457 min
Delta R.T.: -0.020 min
Response: 2395277
Conc: 18.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 2360249
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.026 min
Response: 2334453
Conc: 16.78 ug/ml