

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053123AL\
 Data File : FE042304.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 12:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 09:10:47 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)	11.952	3599167	20.383 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.388	2625116	19.756 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.336	3022025	20.958 ug/ml
2) T n-Decane (C10)	4.587	3118645	21.067 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3399936	20.838 ug/ml
4) T n-Dodecane (C12)	6.754	3153887	21.032 ug/ml
5) T A~2-methylnaphthalene...	7.390	3262061	20.555 ug/ml
6) T n-Tetradecane (C14)	8.582	3107751	20.745 ug/ml
7) T n-Hexadecane (C16)	10.190	3204666	20.573 ug/ml
8) T n-Octadecane (C18)	11.633	3214173	20.326 ug/ml
10) T n-Eicosane (C20)	12.943	3057050	20.168 ug/ml
11) T n-Heneicosane (C21)	13.555	2976697	20.092 ug/ml
13) T n-Docosane (C22)	14.141	2927914	19.972 ug/ml
14) T n-Tetracosane (C24)	15.243	2852480	19.760 ug/ml
15) T n-Hexacosane (C26)	16.264	2755128	19.893 ug/ml
16) T n-Octacosane (C28)	17.213	2684846	20.054 ug/ml
17) T n-Tricontane (C30)	18.101	2764685	20.480 ug/ml
18) T n-Dotriacontane (C32)	18.934	2734526	20.469 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2655330	20.191 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2574289	19.806 ug/ml
21) T n-Octatriacontane (C38)	21.202	2608499	19.226 ug/ml
22) T n-Tetracontane (C40)	22.133	2673194	19.215 ug/ml

(f)=RT Delta > 1/2 Window

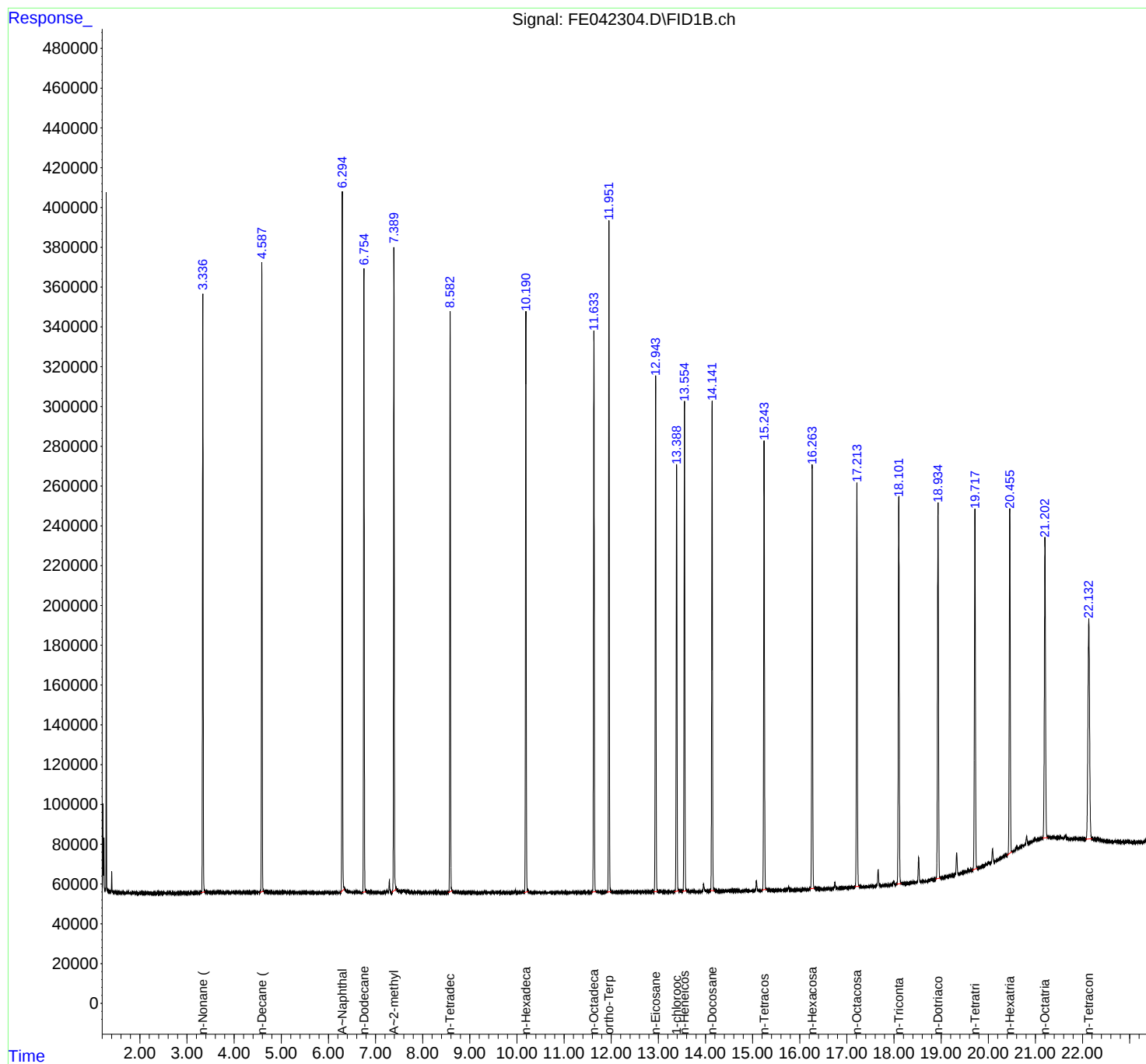
(m)=manual int.

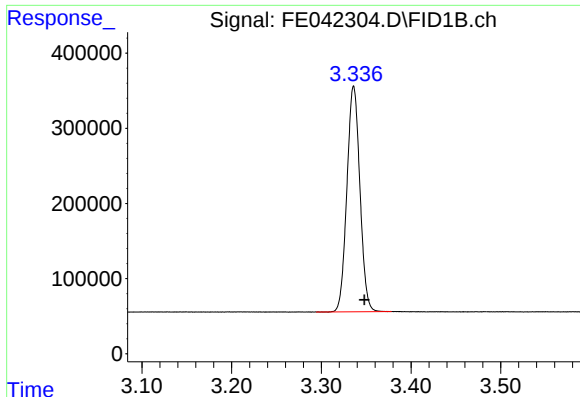
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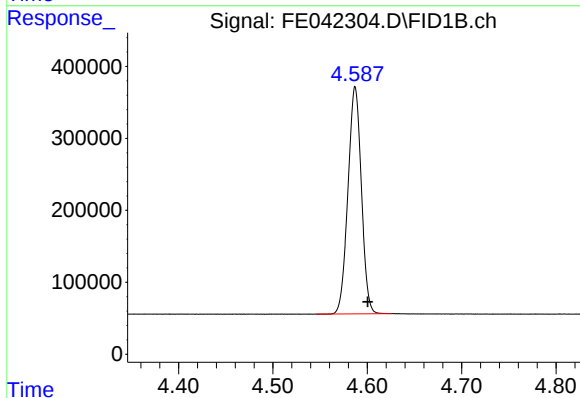




#1 n-Nonane (C9)

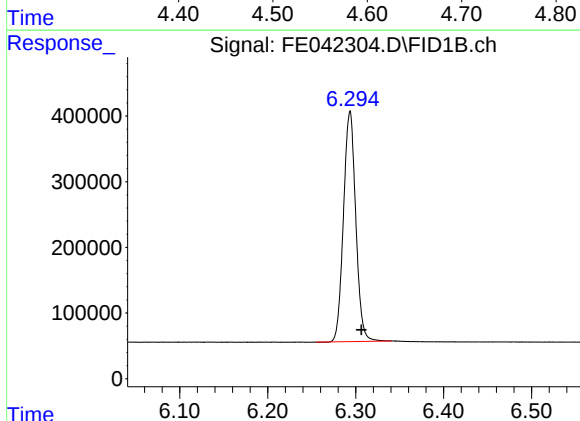
R.T.: 3.336 min
Delta R.T.: -0.012 min
Response: 3022025
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :



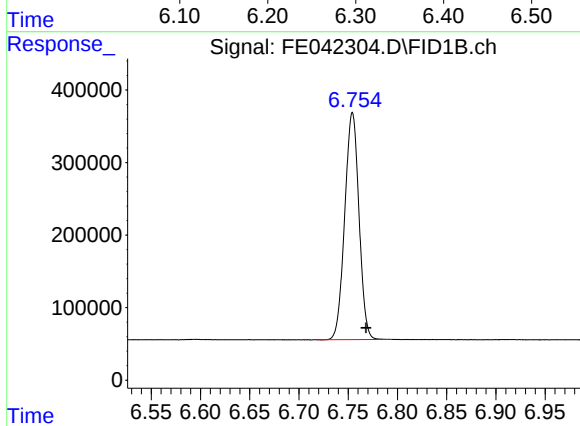
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 3118645
Conc: 21.07 ug/ml



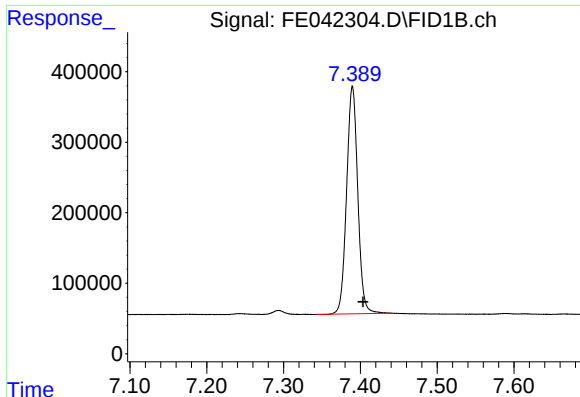
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.013 min
Response: 3399936
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

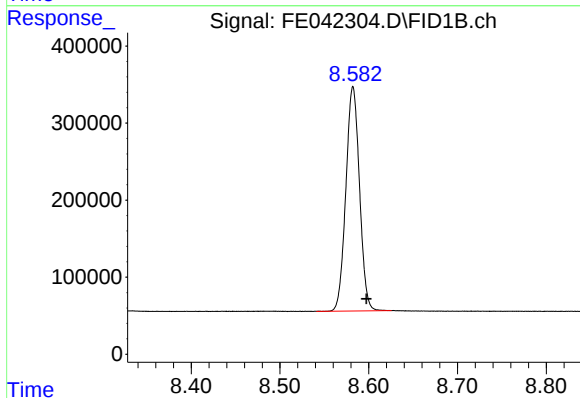
R.T.: 6.754 min
Delta R.T.: -0.014 min
Response: 3153887
Conc: 21.03 ug/ml



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

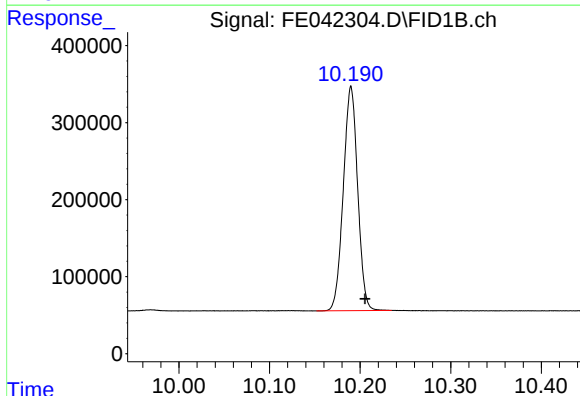
R.T.: 7.390 min
Delta R.T.: -0.014 min
Response: 3262061
Conc: 20.55 ug/ml

Instrument :
FID_E
ClientSampleId :



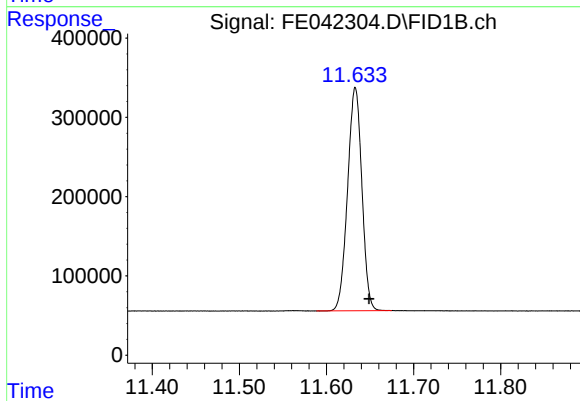
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.015 min
Response: 3107751
Conc: 20.75 ug/ml



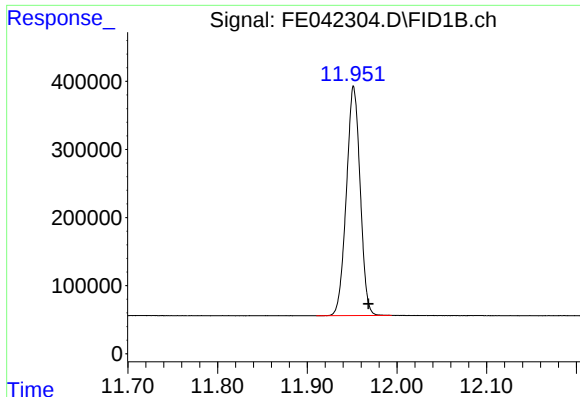
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.015 min
Response: 3204666
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

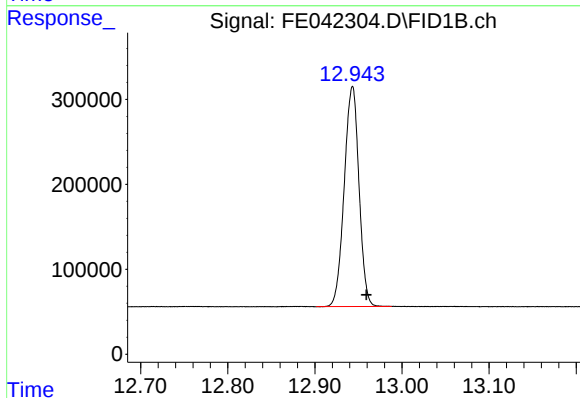
R.T.: 11.633 min
Delta R.T.: -0.016 min
Response: 3214173
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

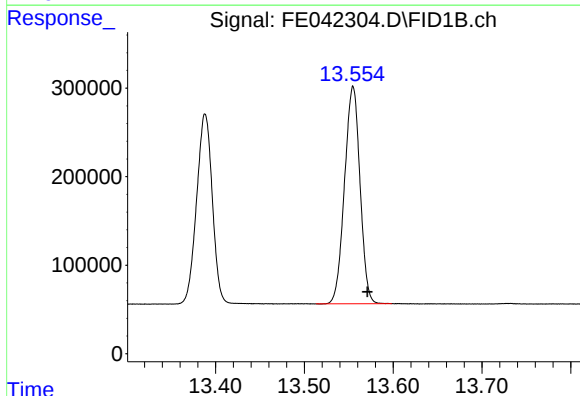
R.T.: 11.952 min
Delta R.T.: -0.016 min
Response: 3599167
Conc: 20.38 ug/ml

Instrument :
FID_E
ClientSampleId :



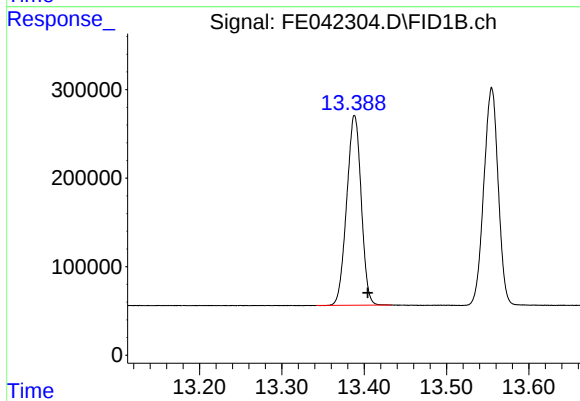
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 3057050
Conc: 20.17 ug/ml



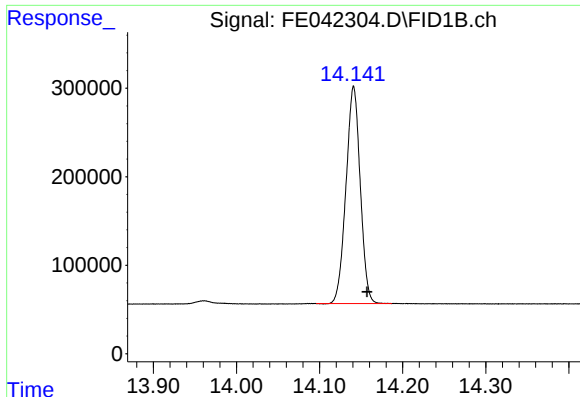
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 2976697
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

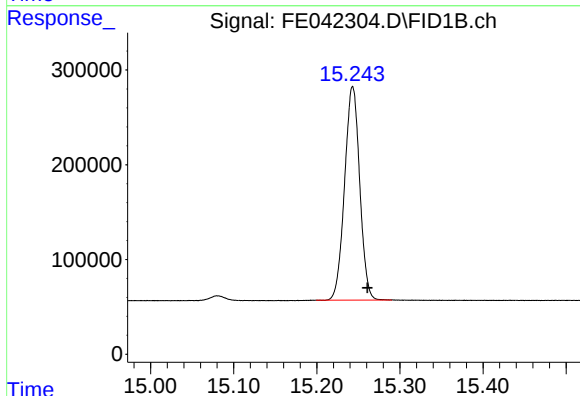
R.T.: 13.388 min
Delta R.T.: -0.016 min
Response: 2625116
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

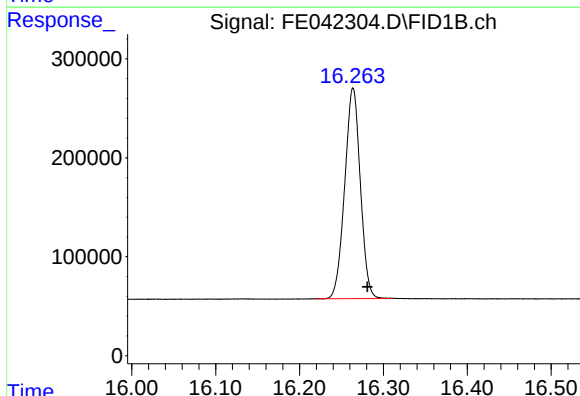
R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 2927914
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :



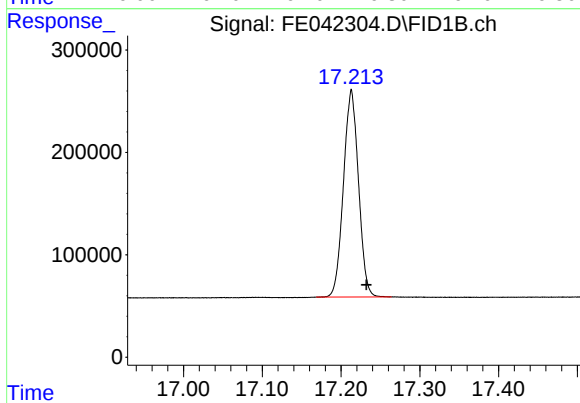
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 2852480
Conc: 19.76 ug/ml



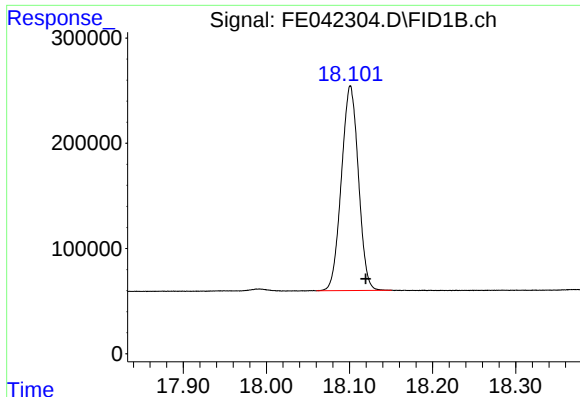
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.017 min
Response: 2755128
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

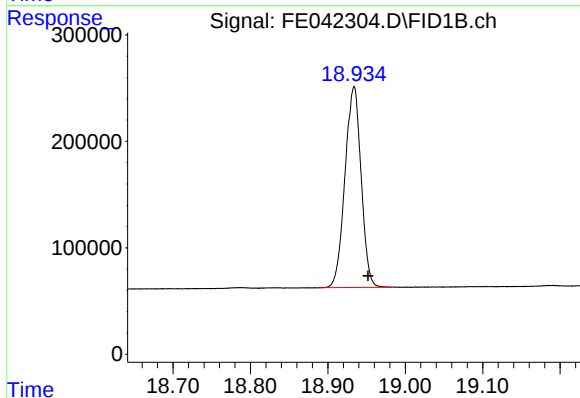
R.T.: 17.213 min
Delta R.T.: -0.019 min
Response: 2684846
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

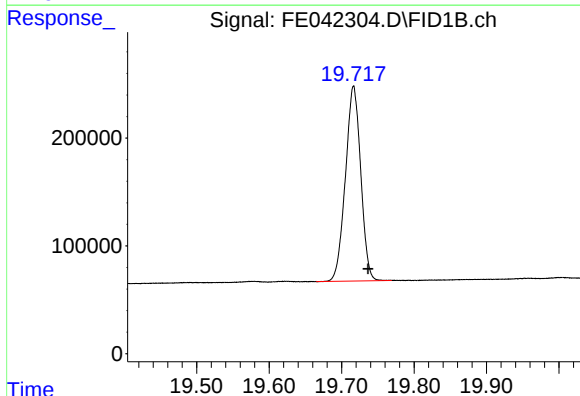
R.T.: 18.101 min
Delta R.T.: -0.019 min
Response: 2764685
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :



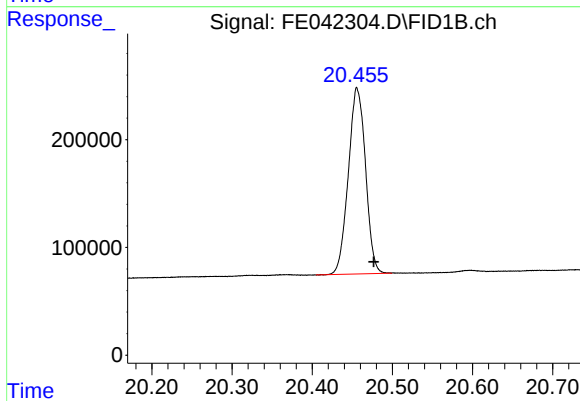
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2734526
Conc: 20.47 ug/ml



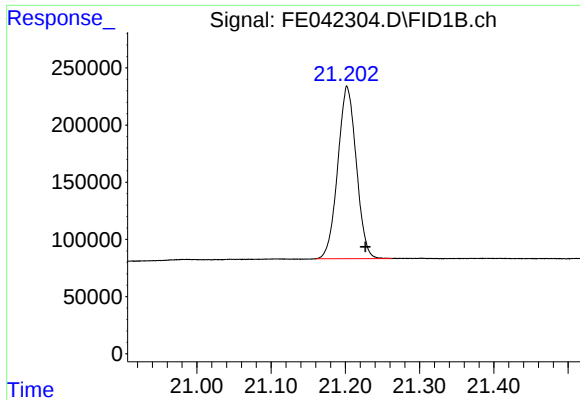
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.020 min
Response: 2655330
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

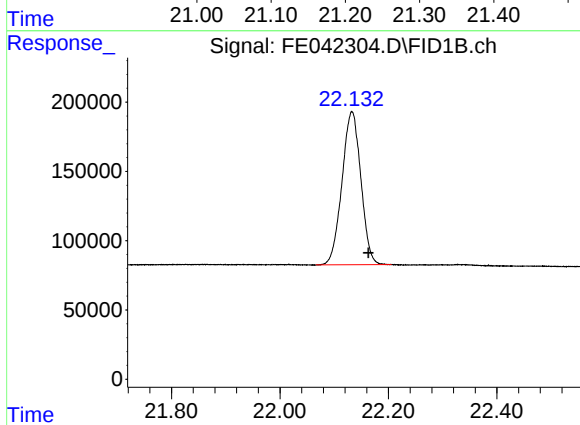
R.T.: 20.456 min
Delta R.T.: -0.021 min
Response: 2574289
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.025 min
Response: 2608499
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.030 min
Response: 2673194
Conc: 19.22 ug/ml