

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
 Data File : FE044244.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2023 11:14
 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: Sep 13 11:48:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.932	3819666	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.371	2865237	20.740 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.319	3201476	19.625 ug/ml
2) T n-Decane (C10)	4.570	3231854	19.444 ug/ml
3) T A~Naphthalene (C11.7)	6.272	3515087	19.630 ug/ml
4) T n-Dodecane (C12)	6.735	3269056	19.438 ug/ml
5) T A~2-methylnaphthalene...	7.367	3429612	20.005 ug/ml
6) T n-Tetradecane (C14)	8.561	3249206	19.374 ug/ml
7) T n-Hexadecane (C16)	10.170	3303462	19.113 ug/ml
8) T n-Octadecane (C18)	11.615	3308226	19.005 ug/ml
10) T n-Eicosane (C20)	12.926	3193273	19.305 ug/ml
11) T n-Heneicosane (C21)	13.537	3135031	19.382 ug/ml
13) T n-Docosane (C22)	14.125	3088040	19.329 ug/ml
14) T n-Tetracosane (C24)	15.228	2998523	19.175 ug/ml
15) T n-Hexacosane (C26)	16.251	2893375	19.193 ug/ml
16) T n-Octacosane (C28)	17.201	2791744	19.345 ug/ml
17) T n-Tricontane (C30)	18.089	2817973	19.397 ug/ml
18) T n-Dotriacontane (C32)	18.924	2811943	19.740 ug/ml
19) T n-Tetratriacontane (C34)	19.710	2760274	19.725 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2773641	20.232 ug/ml
21) T n-Octatriacontane (C38)	21.195	2795285	20.137 ug/ml
22) T n-Tetracontane (C40)	22.116	3416150	24.708 ug/ml

(f)=RT Delta > 1/2 Window

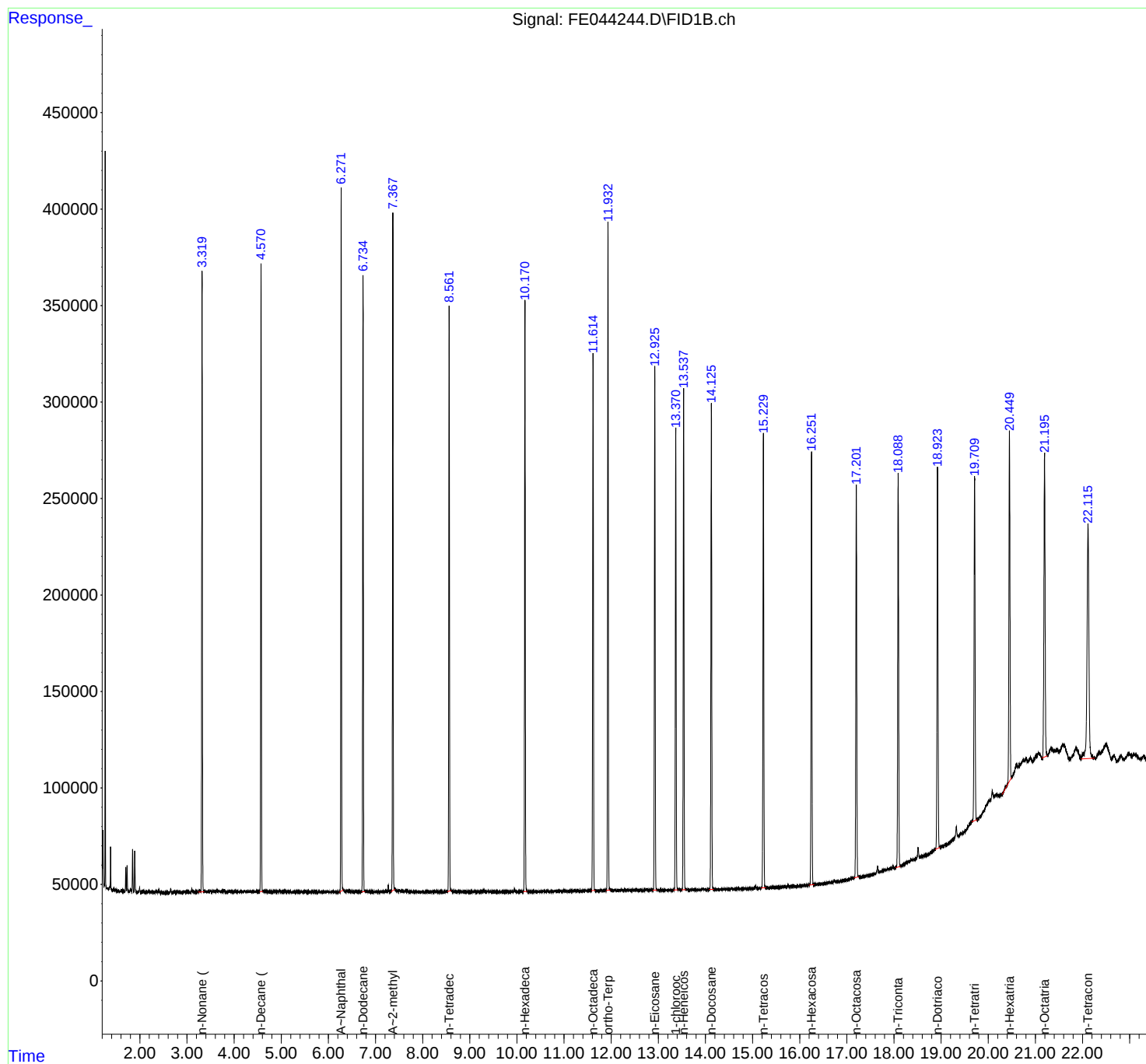
(m)=manual int.

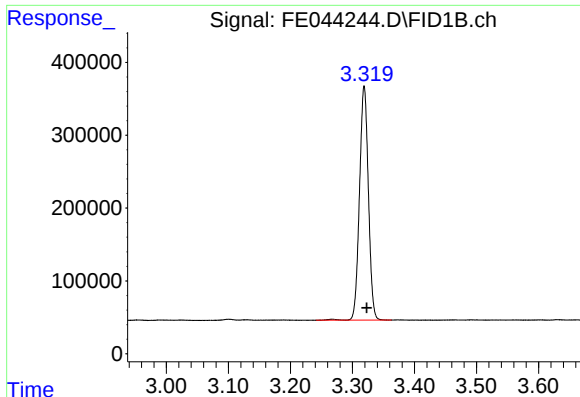
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
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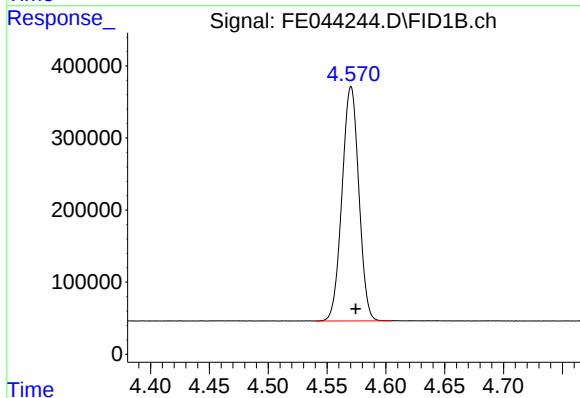




#1 n-Nonane (C9)

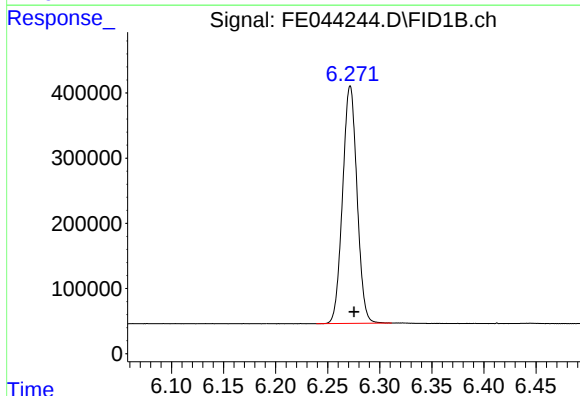
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 3201476
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



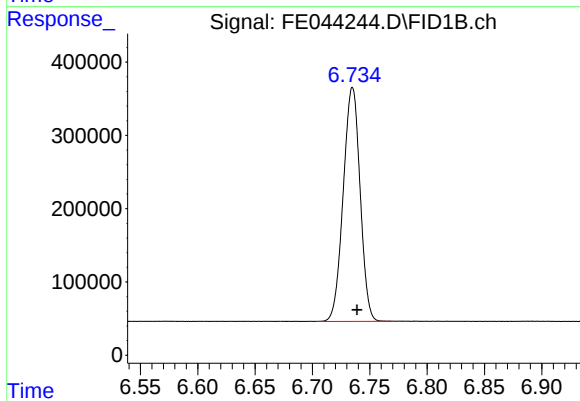
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.004 min
Response: 3231854
Conc: 19.44 ug/ml



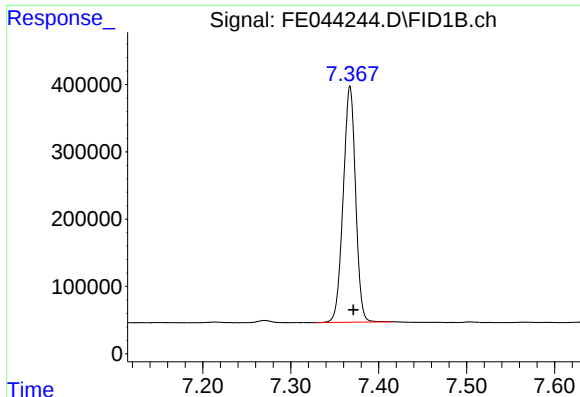
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 3515087
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

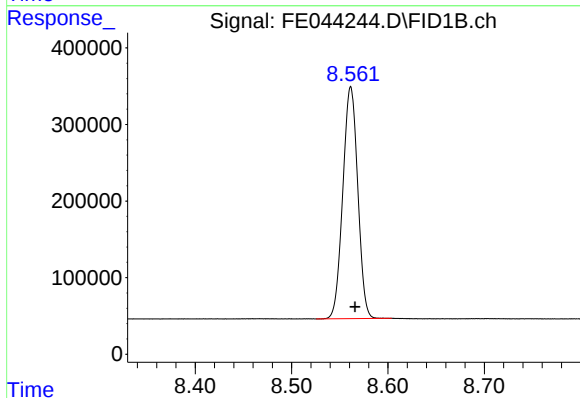
R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 3269056
Conc: 19.44 ug/ml



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

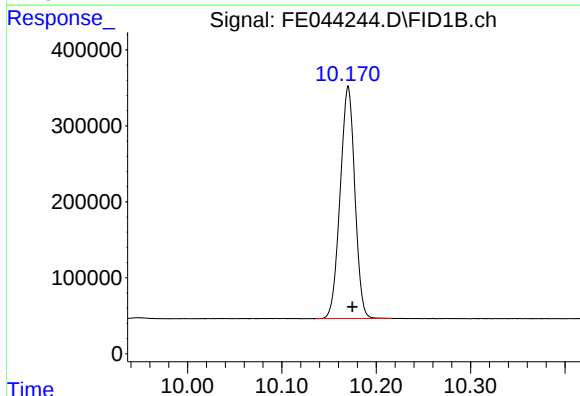
R.T.: 7.367 min
Delta R.T.: -0.004 min
Response: 3429612
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :



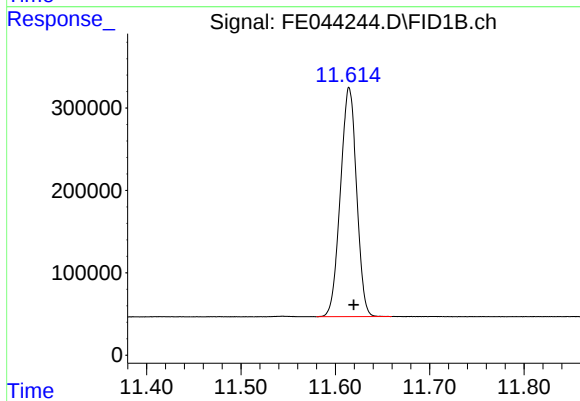
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 3249206
Conc: 19.37 ug/ml



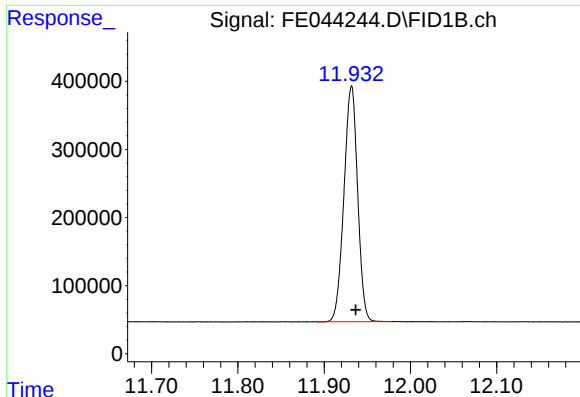
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.005 min
Response: 3303462
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

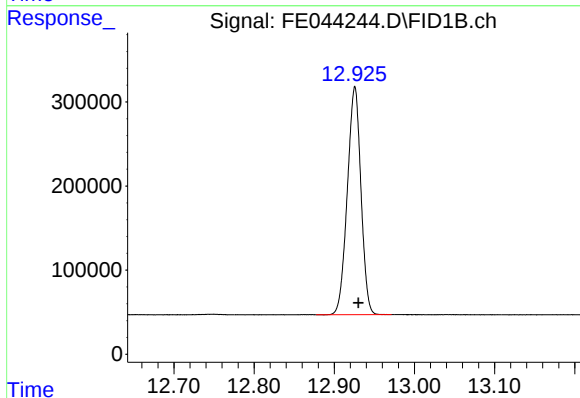
R.T.: 11.615 min
Delta R.T.: -0.005 min
Response: 3308226
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

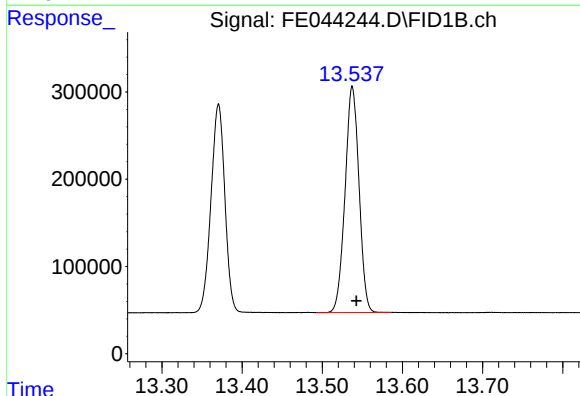
R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 3819666
Conc: 20.16 ug/ml

Instrument :
FID_E
ClientSampleId :



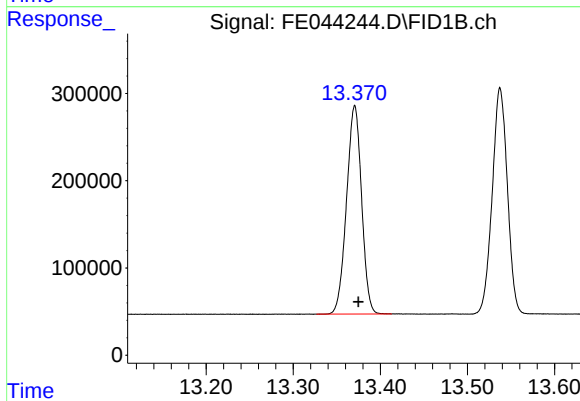
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.004 min
Response: 3193273
Conc: 19.31 ug/ml



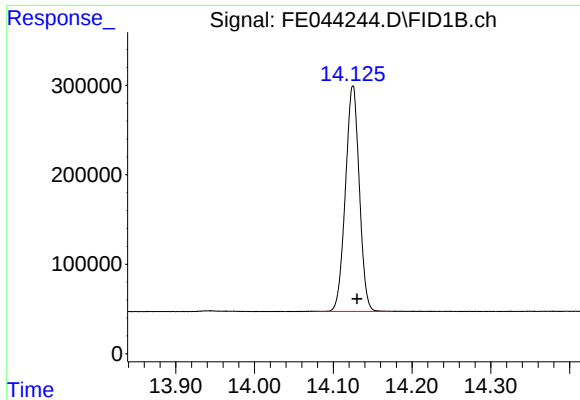
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.005 min
Response: 3135031
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

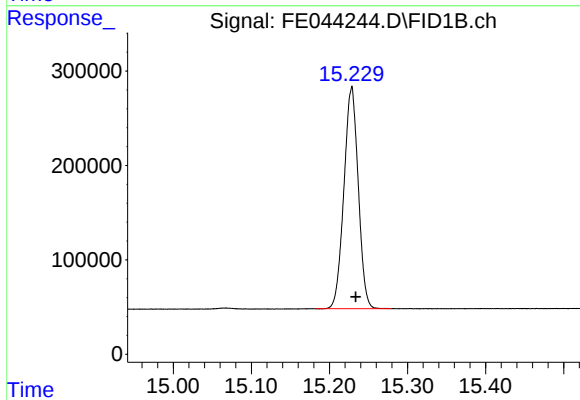
R.T.: 13.371 min
Delta R.T.: -0.004 min
Response: 2865237
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

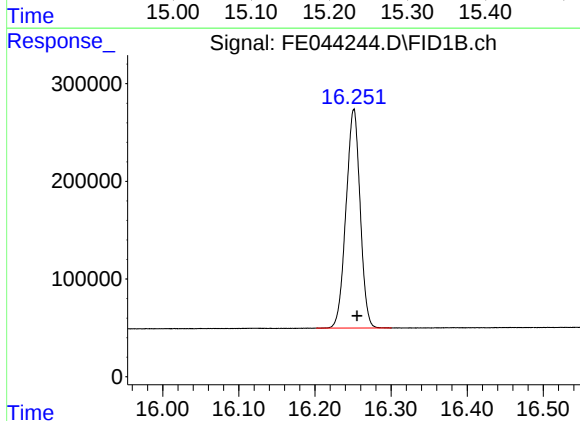
R.T.: 14.125 min
Delta R.T.: -0.005 min
Response: 3088040
Conc: 19.33 ug/ml

Instrument :
FID_E
ClientSampleId :



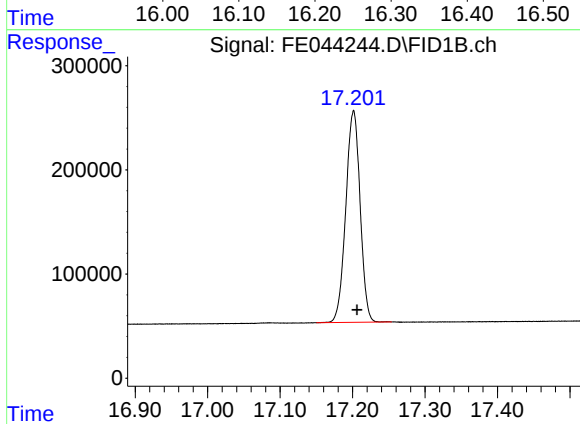
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.005 min
Response: 2998523
Conc: 19.17 ug/ml



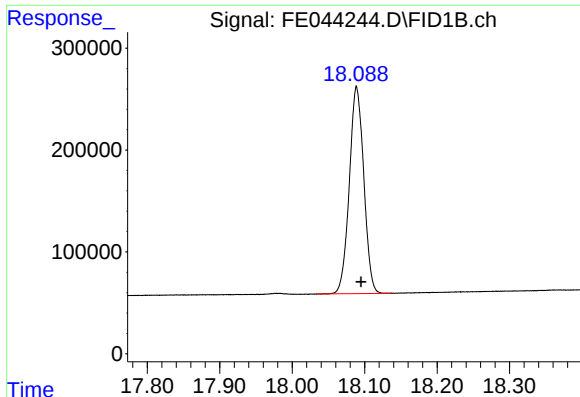
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.004 min
Response: 2893375
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

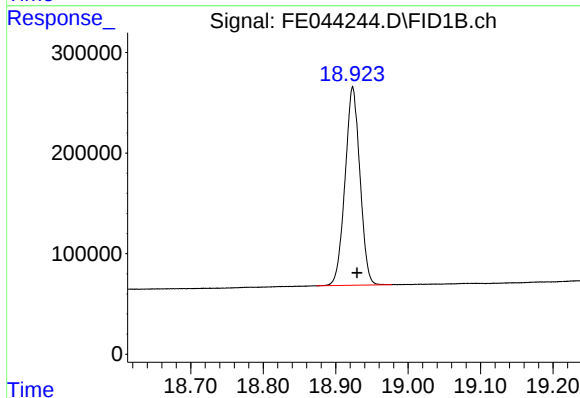
R.T.: 17.201 min
Delta R.T.: -0.005 min
Response: 2791744
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

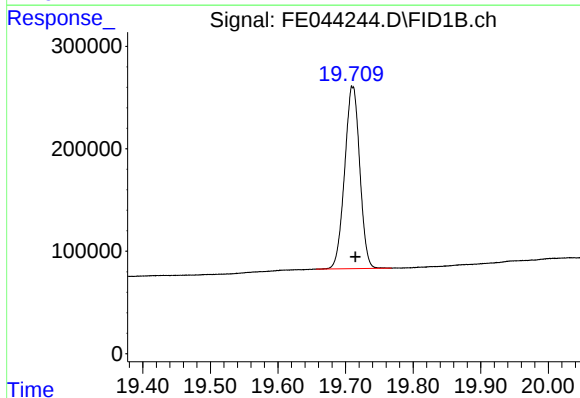
R.T.: 18.089 min
Delta R.T.: -0.006 min
Response: 2817973
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :



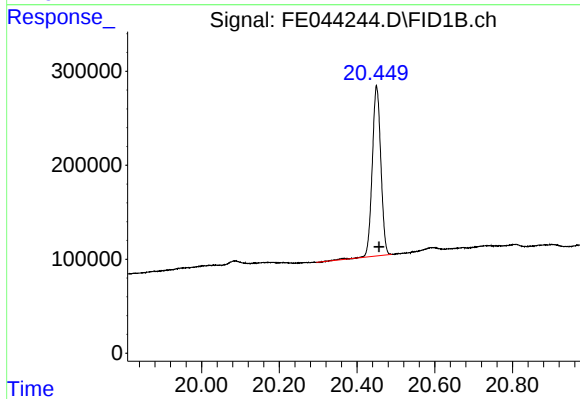
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.006 min
Response: 2811943
Conc: 19.74 ug/ml



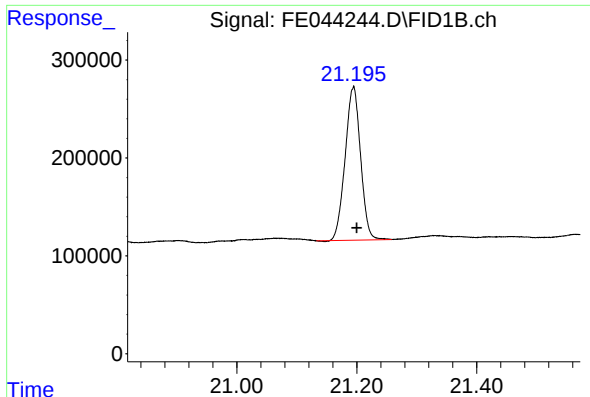
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.004 min
Response: 2760274
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

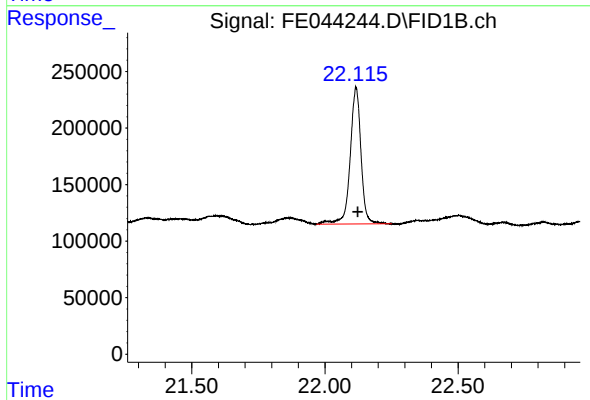
R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 2773641
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.005 min
Response: 2795285
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.008 min
Response: 3416150
Conc: 24.71 ug/ml