

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100223AL\
 Data File : FE044551.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2023 16:16
 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: Oct 03 00:36:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.922	3424800	18.242 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
12) S 1-chlorooctadecane (S...	13.361	2496729	18.352 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
Target Compounds			
1) T n-Nonane (C9)	3.308	2863950	17.640 ug/ml
2) T n-Decane (C10)	4.559	2963644	17.897 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3206185	17.933 ug/ml
4) T n-Dodecane (C12)	6.724	2992259	17.990 ug/ml
5) T A~2-methylnaphthalene...	7.356	3071967	17.955 ug/ml
6) T n-Tetradecane (C14)	8.551	2976719	18.132 ug/ml
7) T n-Hexadecane (C16)	10.159	3082516	18.196 ug/ml
8) T n-Octadecane (C18)	11.605	3109319	18.313 ug/ml
10) T n-Eicosane (C20)	12.916	2949571	18.333 ug/ml
11) T n-Heneicosane (C21)	13.529	2866446	18.306 ug/ml
13) T n-Docosane (C22)	14.115	2818219	18.273 ug/ml
14) T n-Tetracosane (C24)	15.220	2766939	18.304 ug/ml
15) T n-Hexacosane (C26)	16.241	2708763	18.415 ug/ml
16) T n-Octacosane (C28)	17.193	2748220	19.162 ug/ml
17) T n-Tricontane (C30)	18.081	3060685	20.648 ug/ml
18) T n-Dotriacontane (C32)	18.915	3230000	21.819 ug/ml
19) T n-Tetratriacontane (C34)	19.699	3074765	21.039 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2864569	19.748 ug/ml
21) T n-Octatriacontane (C38)	21.184	2930411	19.564 ug/ml
22) T n-Tetracontane (C40)	22.106	3075664	19.489 ug/ml

(f)=RT Delta > 1/2 Window

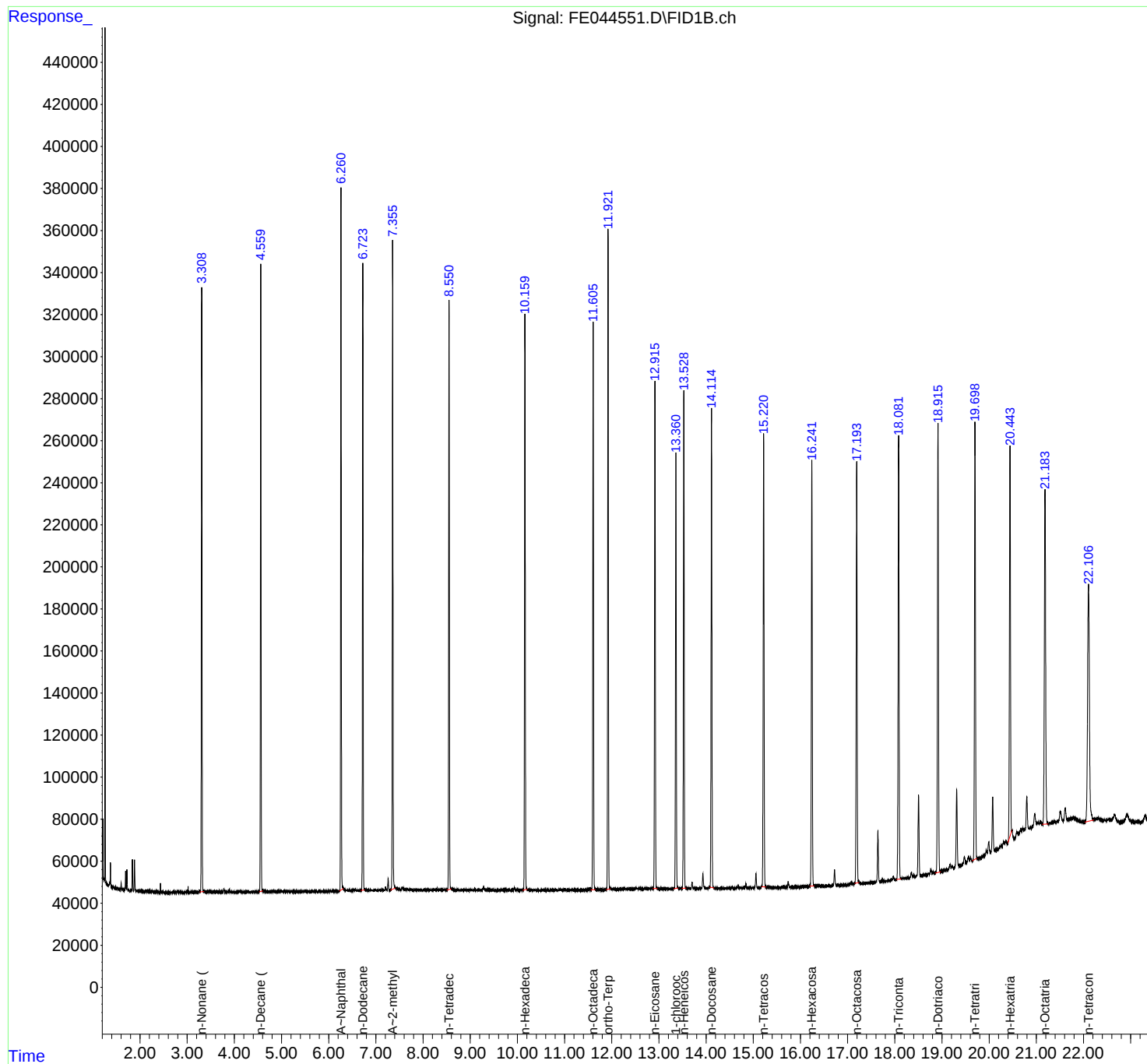
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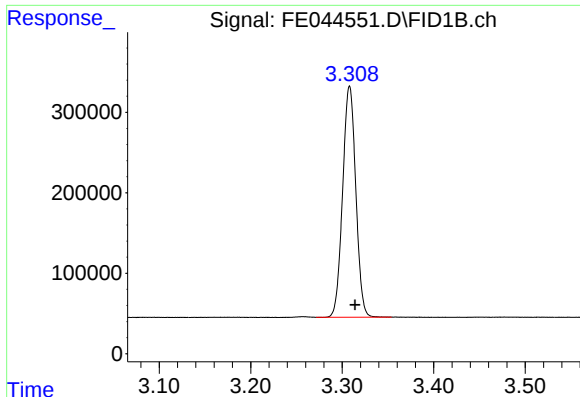
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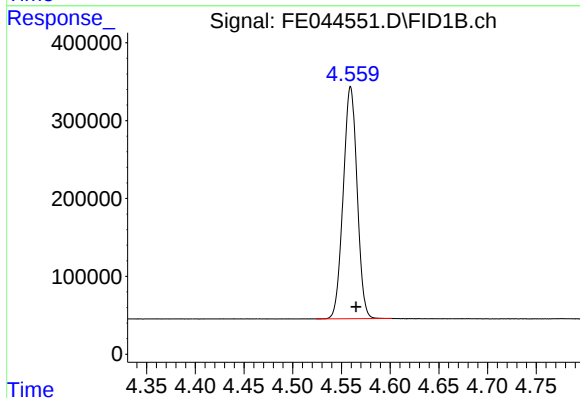




#1 n-Nonane (C9)

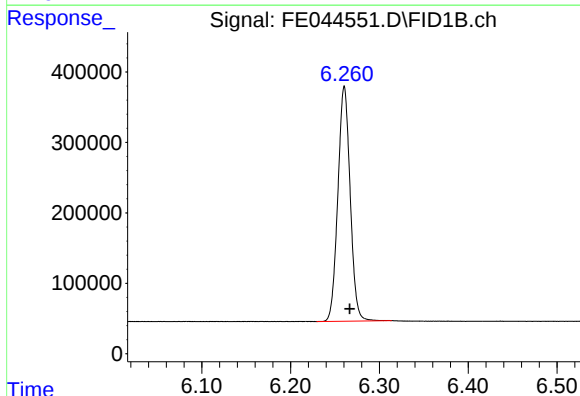
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 2863950
Conc: 17.64 ug/ml

Instrument :
FID_E
ClientSampleId :



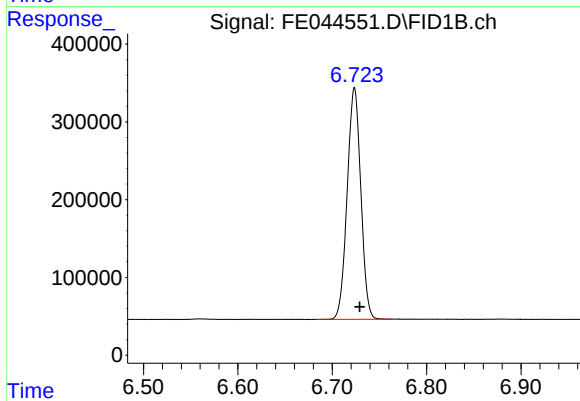
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.006 min
Response: 2963644
Conc: 17.90 ug/ml



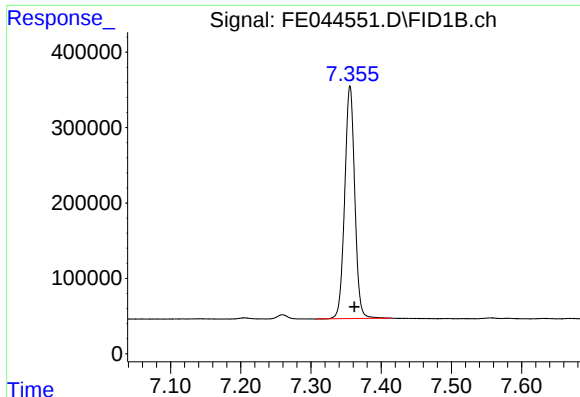
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 3206185
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

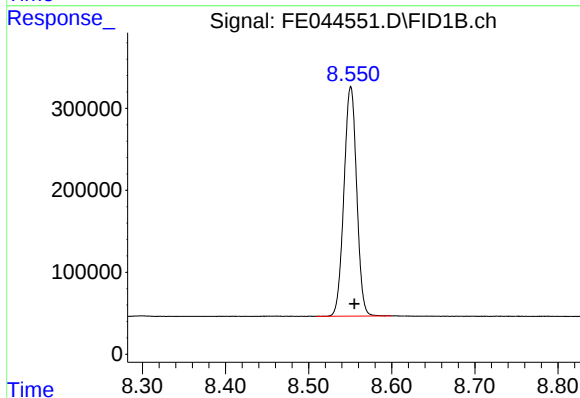
R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 2992259
Conc: 17.99 ug/ml



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

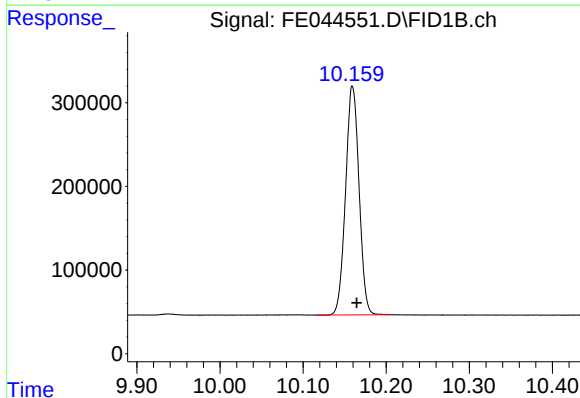
R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 3071967
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :



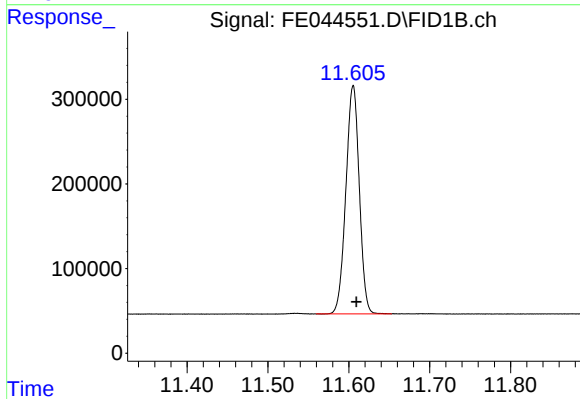
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 2976719
Conc: 18.13 ug/ml



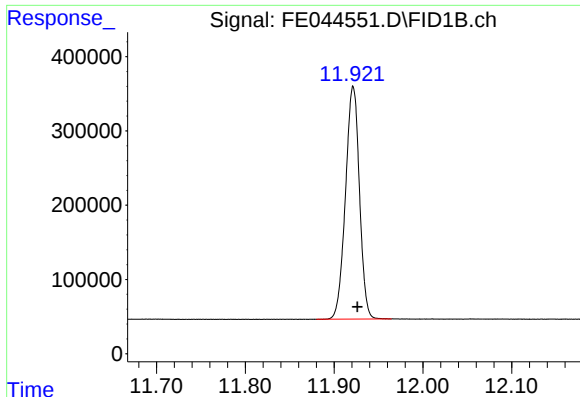
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.005 min
Response: 3082516
Conc: 18.20 ug/ml



#8 n-Octadecane (C18)

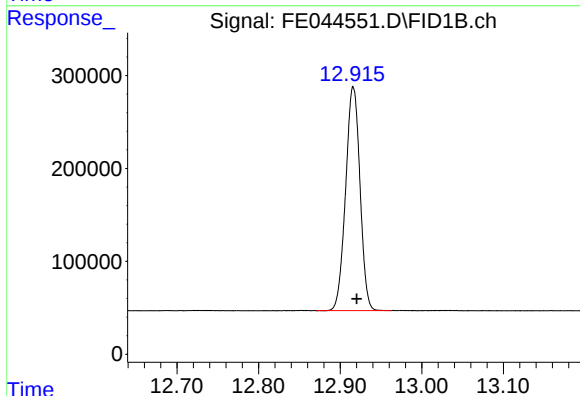
R.T.: 11.605 min
Delta R.T.: -0.004 min
Response: 3109319
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

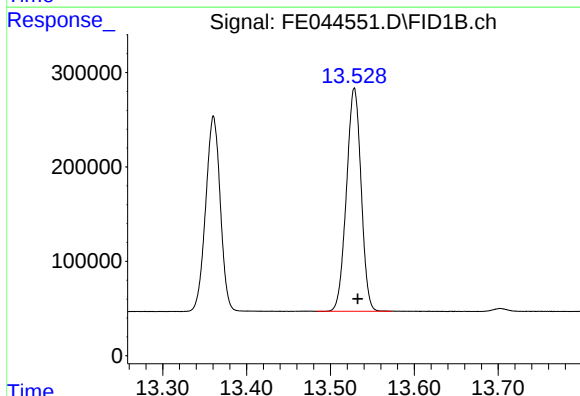
R.T.: 11.922 min
Delta R.T.: -0.005 min
Response: 3424800
Conc: 18.24 ug/ml

Instrument :
FID_E
ClientSampleId :



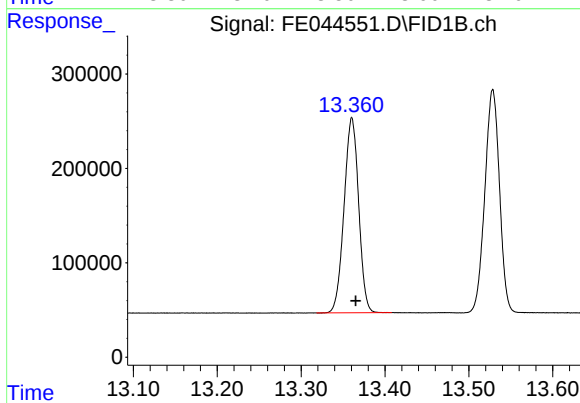
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 2949571
Conc: 18.33 ug/ml



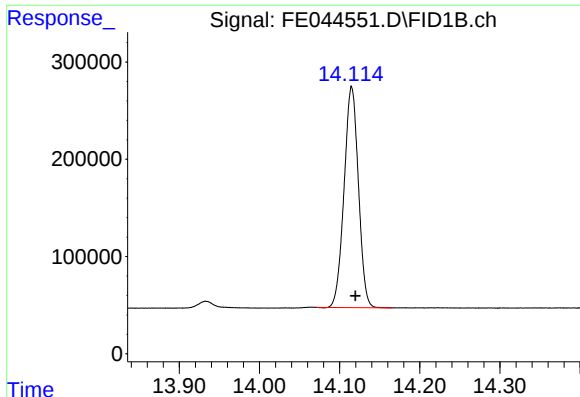
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.004 min
Response: 2866446
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

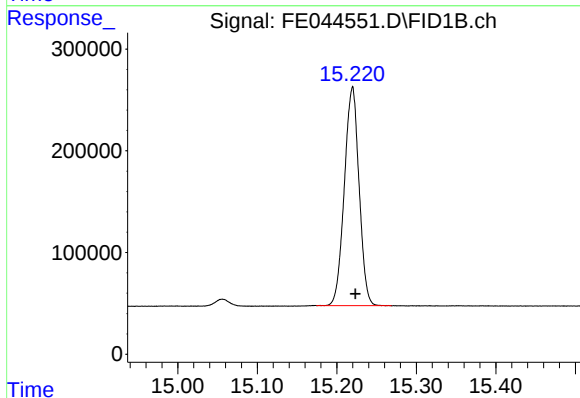
R.T.: 13.361 min
Delta R.T.: -0.005 min
Response: 2496729
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

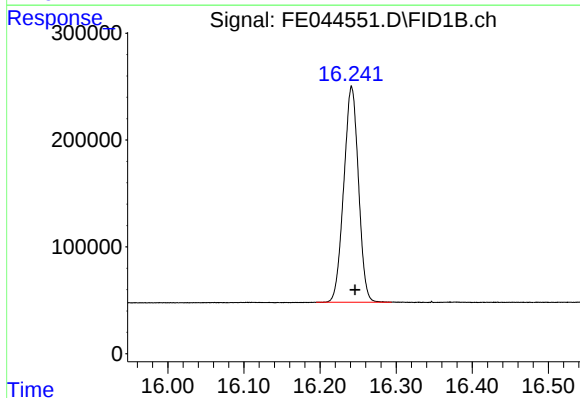
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 2818219
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :



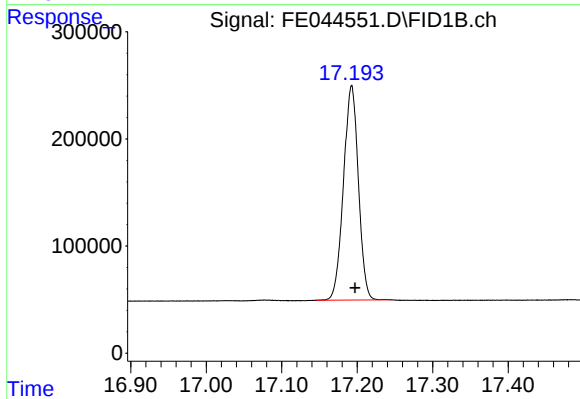
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.004 min
Response: 2766939
Conc: 18.30 ug/ml



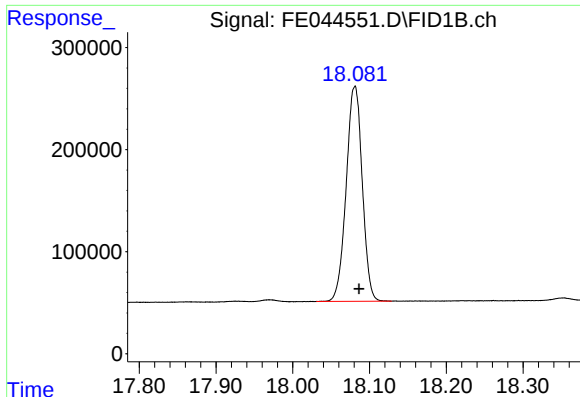
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 2708763
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

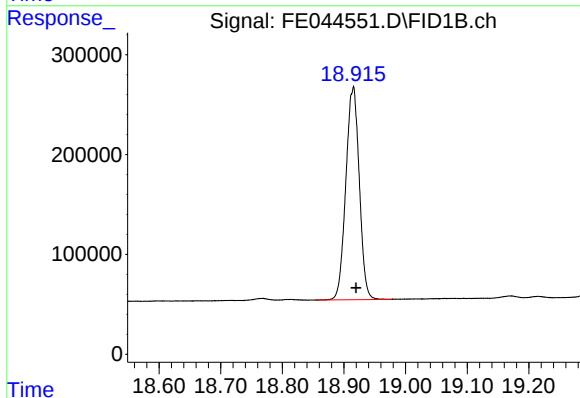
R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 2748220
Conc: 19.16 ug/ml



#17 n-Tricontane (C30)

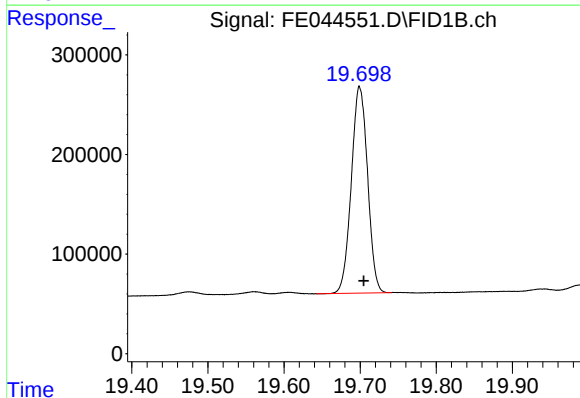
R.T.: 18.081 min
Delta R.T.: -0.005 min
Response: 3060685
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :



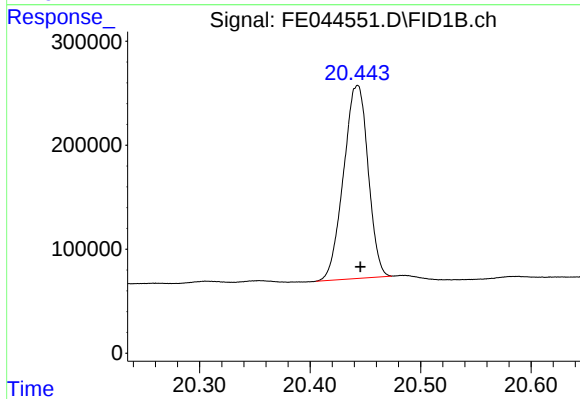
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.004 min
Response: 3230000
Conc: 21.82 ug/ml



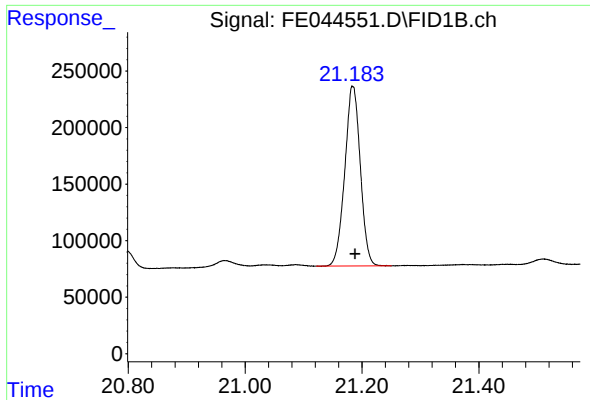
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.006 min
Response: 3074765
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

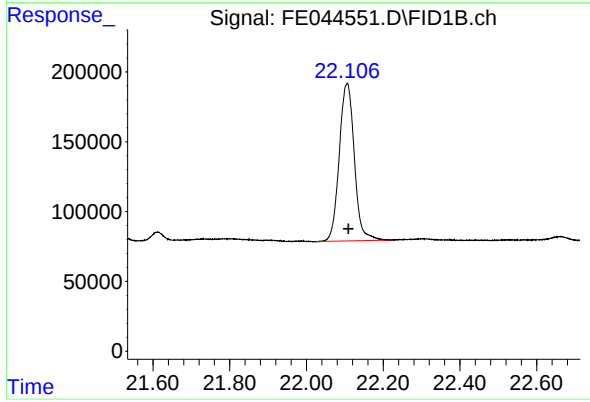
R.T.: 20.443 min
Delta R.T.: -0.003 min
Response: 2864569
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 2930411
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.003 min
Response: 3075664
Conc: 19.49 ug/ml