

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042208.D
 Signal(s) : FID1B.ch
 Acq On : 25 May 2023 09:47
 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: May 26 03:16:26 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)	11.959	3986746	22.578 ug/ml
Spiked Amount 50.000		Recovery =	45.16%
12) S 1-chlorooctadecane (S...	13.394	2926306	22.022 ug/ml
Spiked Amount 50.000		Recovery =	44.04%
Target Compounds			
1) T n-Nonane (C9)	3.345	3208713	22.252 ug/ml
2) T n-Decane (C10)	4.595	3286898	22.203 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3650962	22.377 ug/ml
4) T n-Dodecane (C12)	6.762	3352562	22.357 ug/ml
5) T A~2-methylnaphthalene...	7.397	3536149	22.282 ug/ml
6) T n-Tetradecane (C14)	8.589	3343706	22.320 ug/ml
7) T n-Hexadecane (C16)	10.197	3481233	22.348 ug/ml
8) T n-Octadecane (C18)	11.640	3529875	22.322 ug/ml
10) T n-Eicosane (C20)	12.950	3383138	22.319 ug/ml
11) T n-Heneicosane (C21)	13.561	3304990	22.308 ug/ml
13) T n-Docosane (C22)	14.146	3272137	22.321 ug/ml
14) T n-Tetracosane (C24)	15.250	3194932	22.132 ug/ml
15) T n-Hexacosane (C26)	16.270	3094678	22.345 ug/ml
16) T n-Octacosane (C28)	17.220	3007426	22.463 ug/ml
17) T n-Tricontane (C30)	18.108	3085636	22.858 ug/ml
18) T n-Dotriacontane (C32)	18.940	3021617	22.618 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2861866	21.761 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2703497	20.800 ug/ml
21) T n-Octatriacontane (C38)	21.212	2686424	19.801 ug/ml
22) T n-Tetracontane (C40)	22.144	2705193	19.445 ug/ml

(f)=RT Delta > 1/2 Window

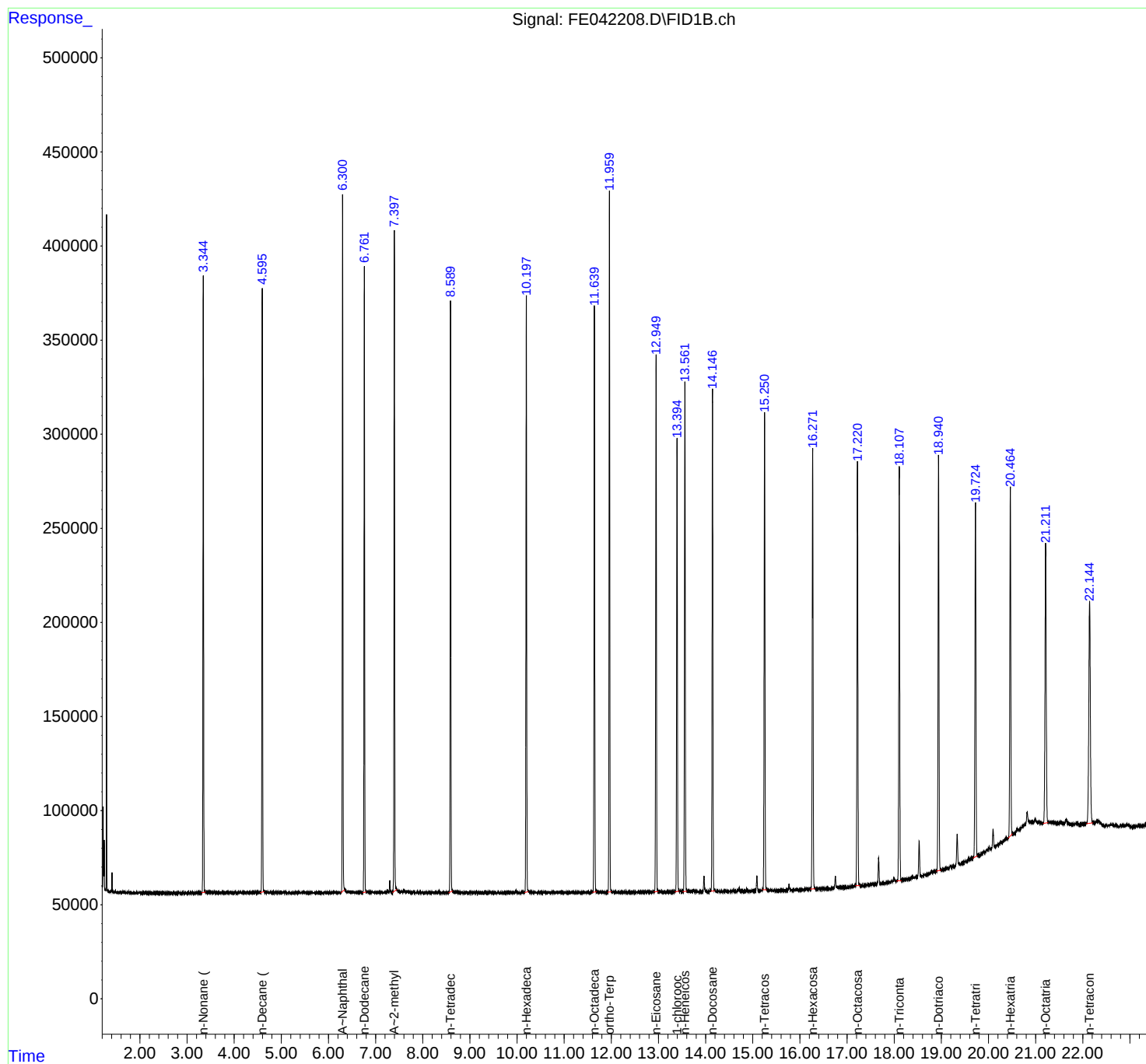
(m)=manual int.

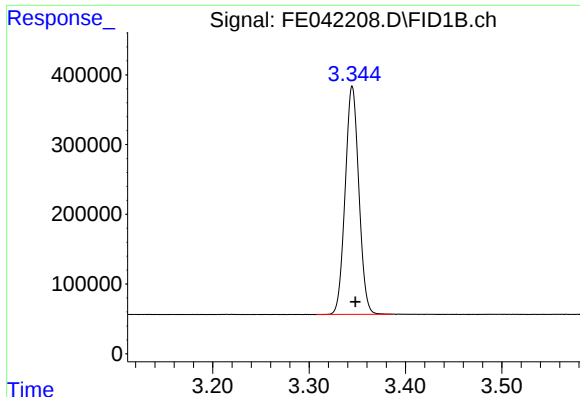
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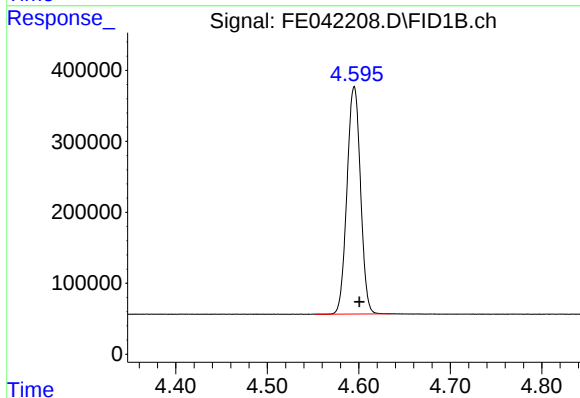




#1 n-Nonane (C9)

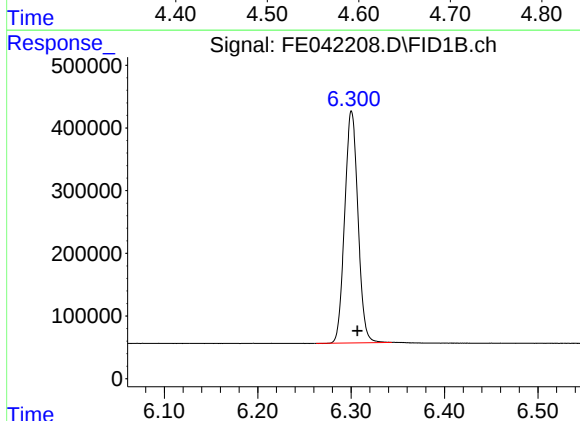
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 3208713
Conc: 22.25 ug/ml

Instrument :
FID_E
ClientSampleId :



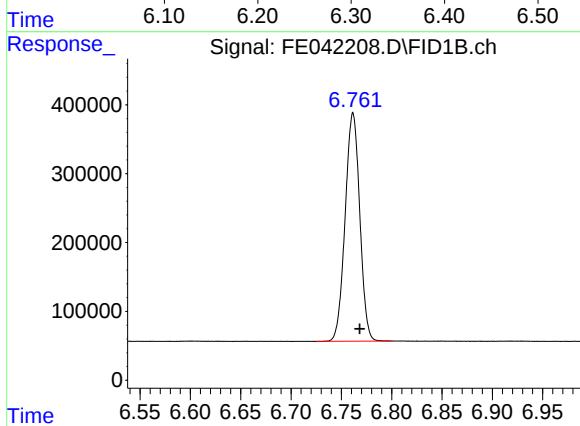
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 3286898
Conc: 22.20 ug/ml



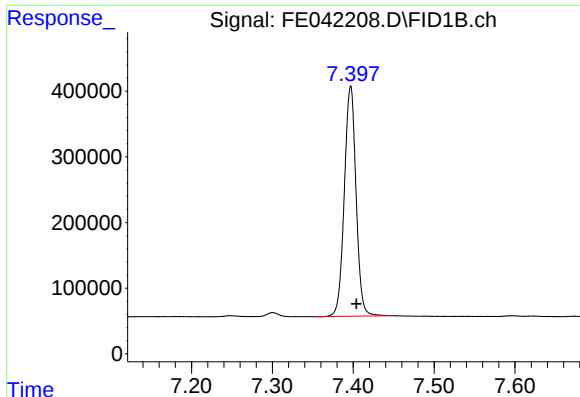
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.006 min
Response: 3650962
Conc: 22.38 ug/ml



#4 n-Dodecane (C12)

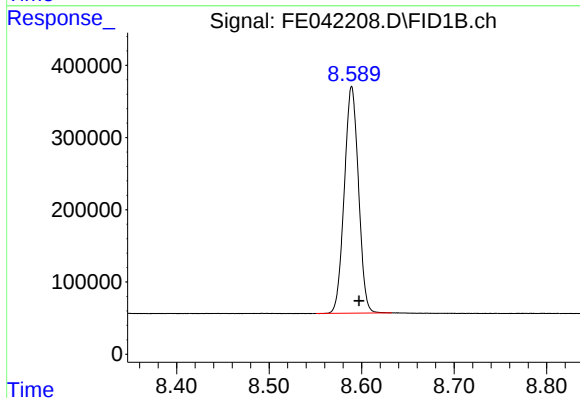
R.T.: 6.762 min
Delta R.T.: -0.007 min
Response: 3352562
Conc: 22.36 ug/ml



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

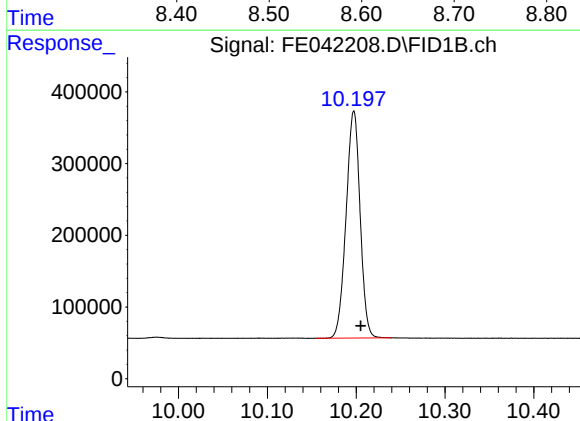
R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 3536149
Conc: 22.28 ug/ml

Instrument :
FID_E
ClientSampleId :



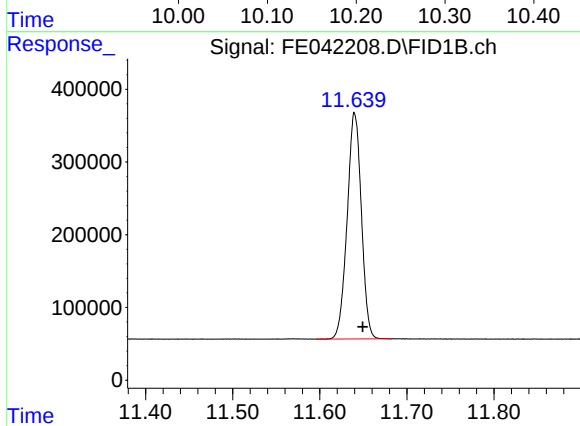
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 3343706
Conc: 22.32 ug/ml



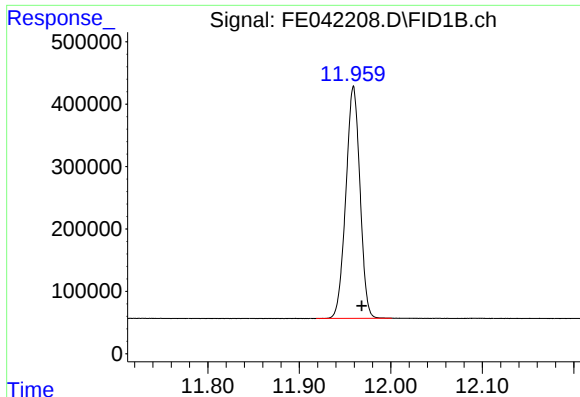
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.008 min
Response: 3481233
Conc: 22.35 ug/ml



#8 n-Octadecane (C18)

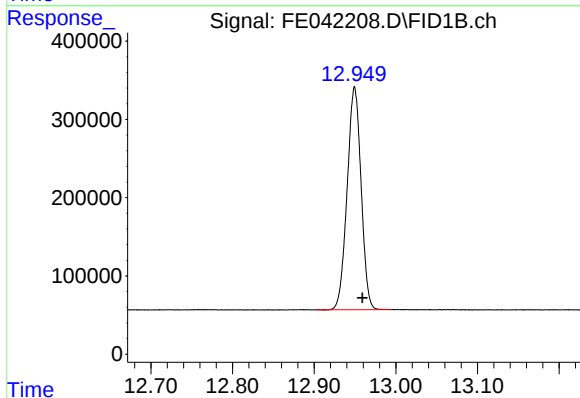
R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 3529875
Conc: 22.32 ug/ml



#9 ortho-Terphenyl (SURR)

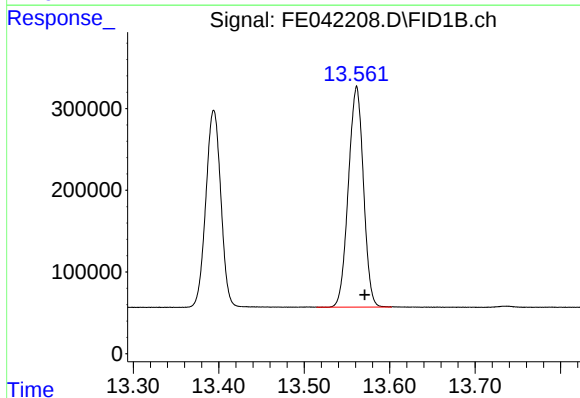
R.T.: 11.959 min
Delta R.T.: -0.009 min
Response: 3986746
Conc: 22.58 ug/ml

Instrument :
FID_E
ClientSampleId :



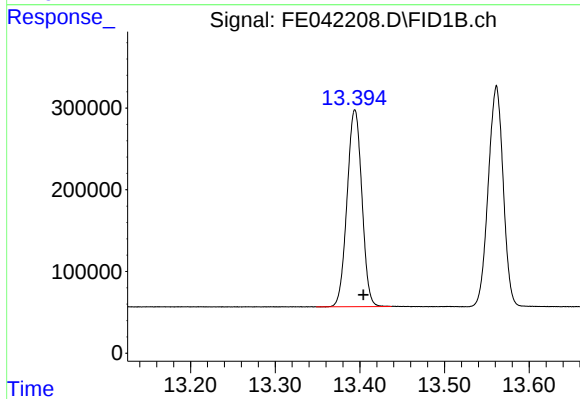
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 3383138
Conc: 22.32 ug/ml



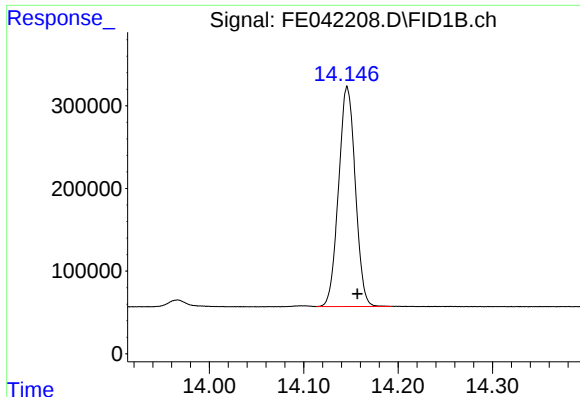
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.009 min
Response: 3304990
Conc: 22.31 ug/ml



#12 1-chlorooctadecane (SURR)

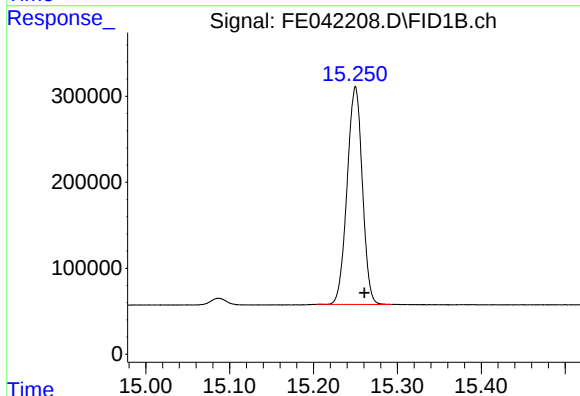
R.T.: 13.394 min
Delta R.T.: -0.010 min
Response: 2926306
Conc: 22.02 ug/ml



#13 n-Docosane (C22)

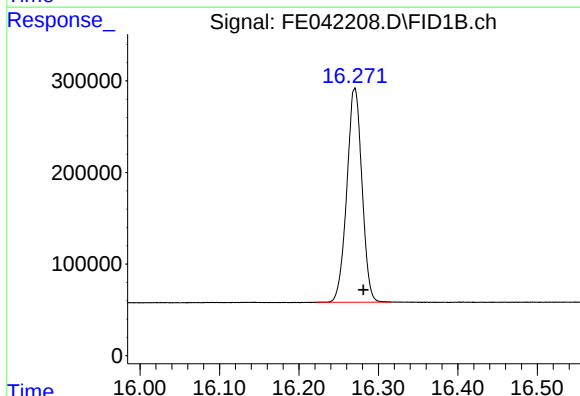
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 3272137
Conc: 22.32 ug/ml

Instrument :
FID_E
ClientSampleId :



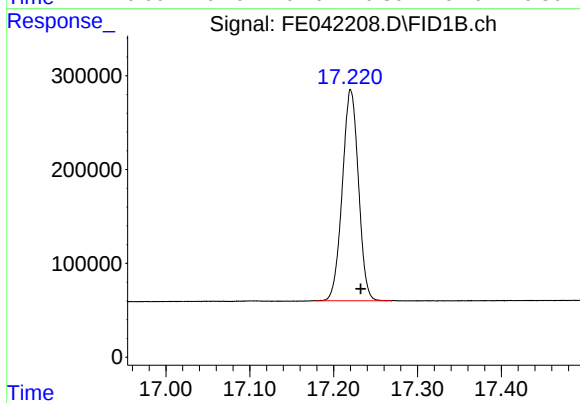
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 3194932
Conc: 22.13 ug/ml



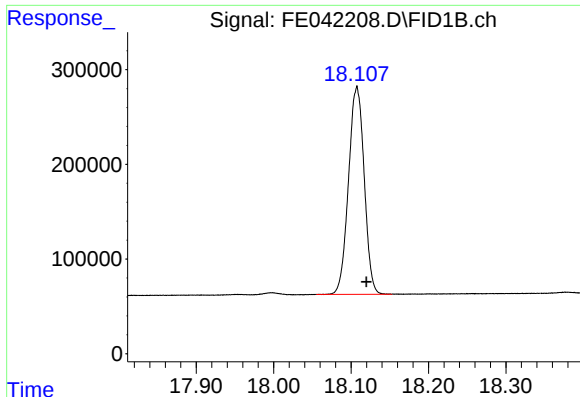
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.011 min
Response: 3094678
Conc: 22.34 ug/ml



#16 n-Octacosane (C28)

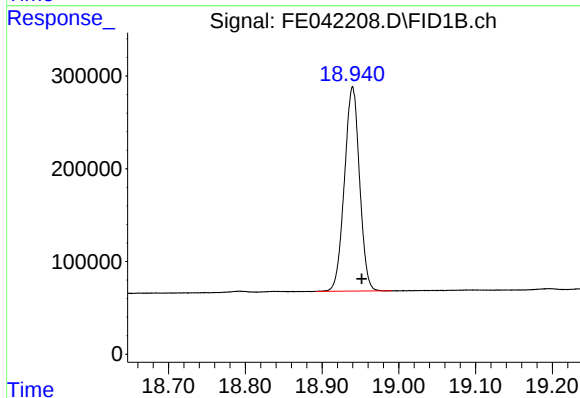
R.T.: 17.220 min
Delta R.T.: -0.012 min
Response: 3007426
Conc: 22.46 ug/ml



#17 n-Tricontane (C30)

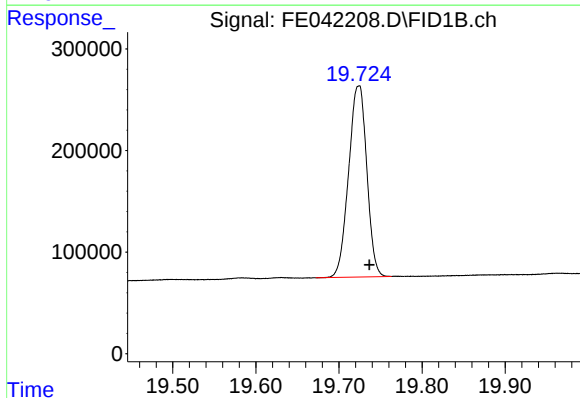
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 3085636
Conc: 22.86 ug/ml

Instrument :
FID_E
ClientSampleId :



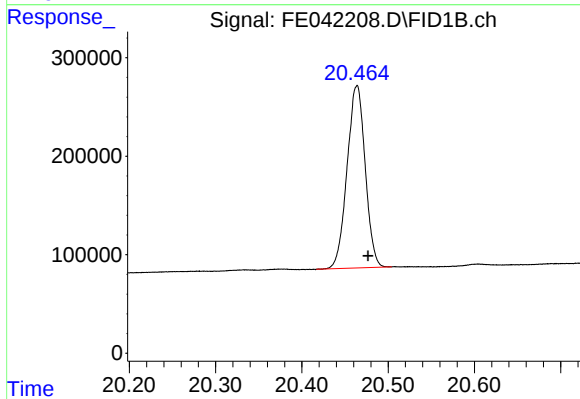
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.012 min
Response: 3021617
Conc: 22.62 ug/ml



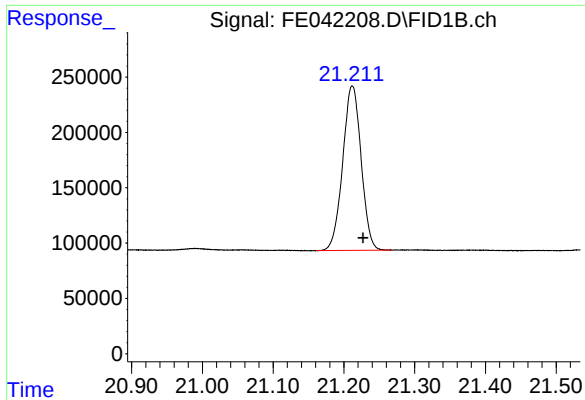
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.013 min
Response: 2861866
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

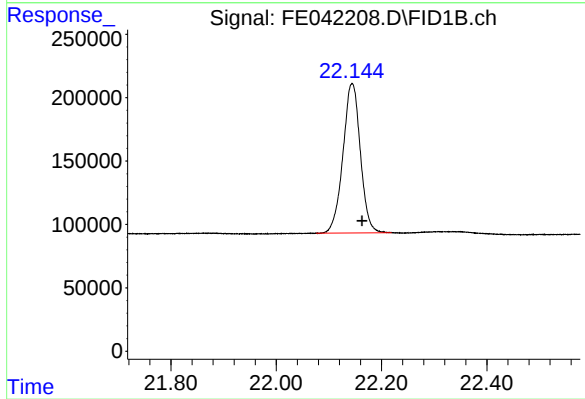
R.T.: 20.464 min
Delta R.T.: -0.013 min
Response: 2703497
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 2686424
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 2705193
Conc: 19.45 ug/ml