

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042238.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 06:00
 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 06:42:51 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)	11.967	3642557	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	13.402	2662092	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.348	3076092	21.332 ug/ml
2) T n-Decane (C10)	4.599	3152993	21.299 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3467289	21.251 ug/ml
4) T n-Dodecane (C12)	6.766	3194917	21.306 ug/ml
5) T A~2-methylnaphthalene...	7.404	3338322	21.035 ug/ml
6) T n-Tetradecane (C14)	8.595	3163545	21.117 ug/ml
7) T n-Hexadecane (C16)	10.203	3258806	20.921 ug/ml
8) T n-Octadecane (C18)	11.647	3263575	20.638 ug/ml
10) T n-Eicosane (C20)	12.956	3098796	20.443 ug/ml
11) T n-Heneicosane (C21)	13.569	3011889	20.330 ug/ml
13) T n-Docosane (C22)	14.155	2972693	20.278 ug/ml
14) T n-Tetracosane (C24)	15.258	2895618	20.059 ug/ml
15) T n-Hexacosane (C26)	16.280	2816013	20.333 ug/ml
16) T n-Octacosane (C28)	17.229	2772312	20.707 ug/ml
17) T n-Tricontane (C30)	18.117	2886338	21.382 ug/ml
18) T n-Dotriacontane (C32)	18.949	2861622	21.421 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2668369	20.290 ug/ml
20) T n-Hexatriacontane (C36)	20.474	4304222	33.116 ug/ml
21) T n-Octatriacontane (C38)	21.226	2766456	20.391 ug/ml
22) T n-Tetracontane (C40)	22.161	2151647	15.466 ug/ml

(f)=RT Delta > 1/2 Window

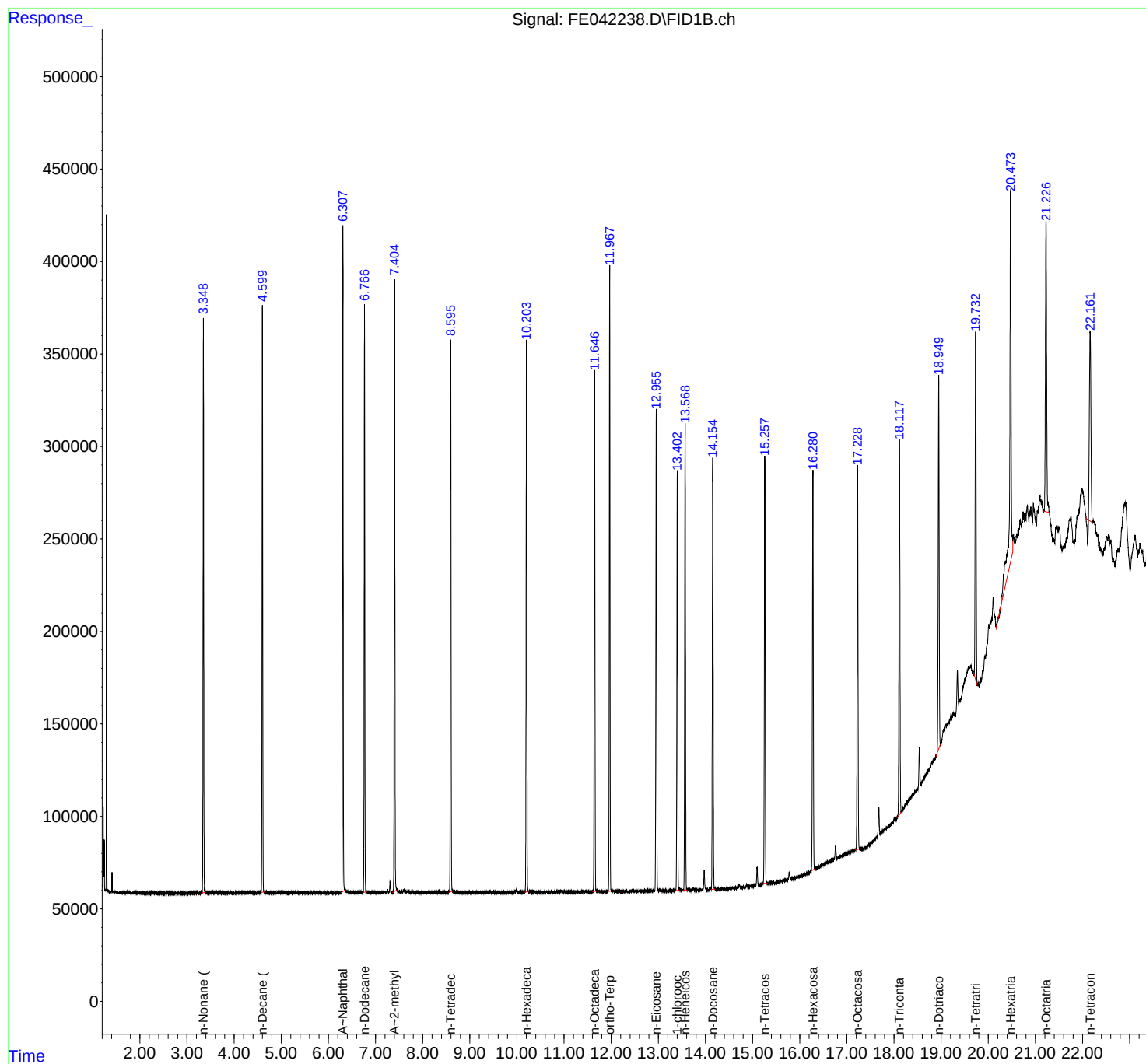
(m)=manual int.

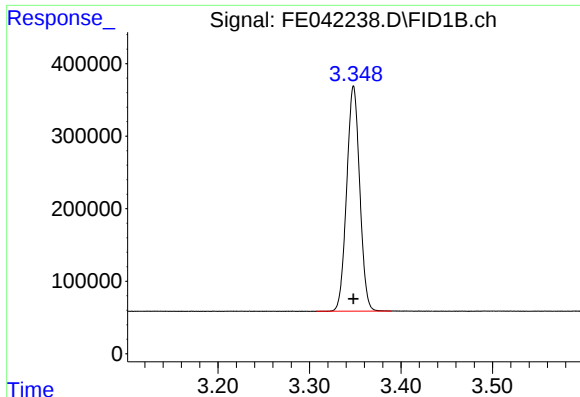
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
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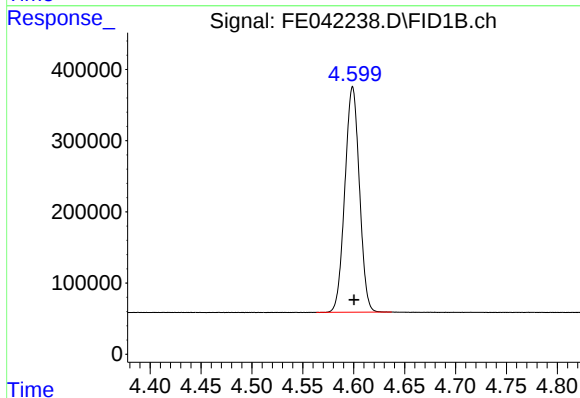




#1 n-Nonane (C9)

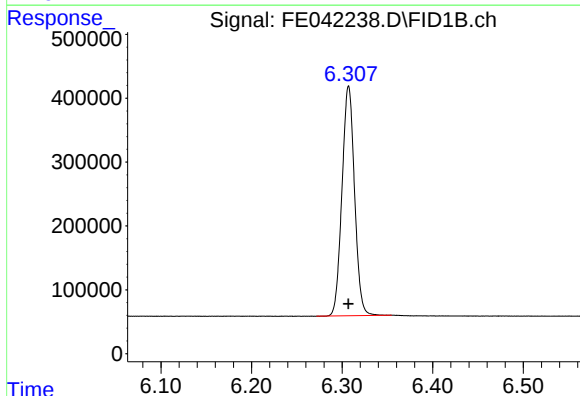
R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 3076092
Conc: 21.33 ug/ml

Instrument :
FID_E
ClientSampleId :



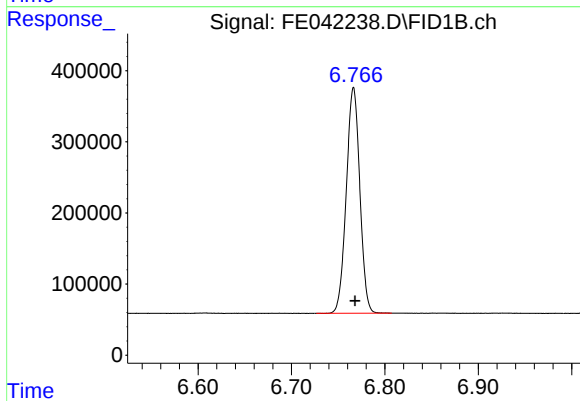
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 3152993
Conc: 21.30 ug/ml



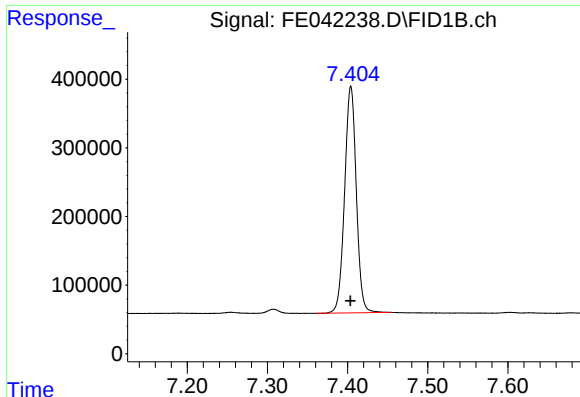
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 3467289
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

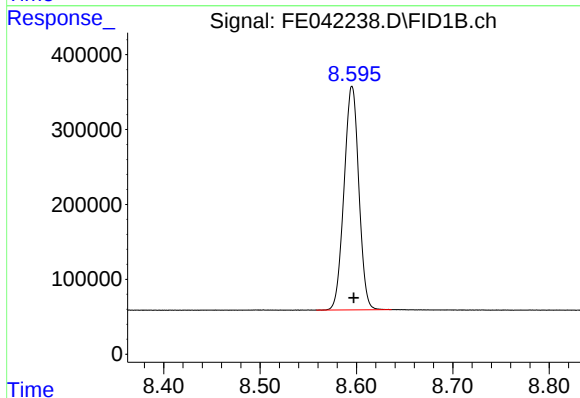
R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 3194917
Conc: 21.31 ug/ml



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

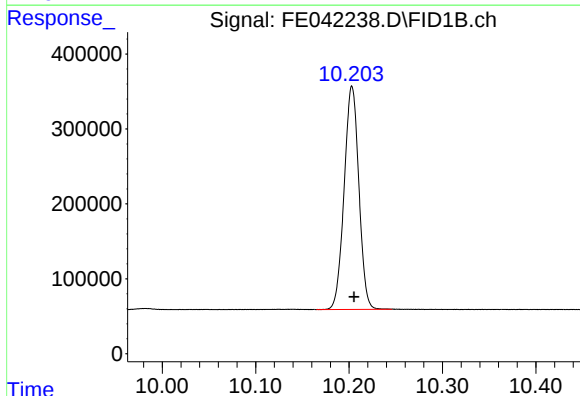
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3338322
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



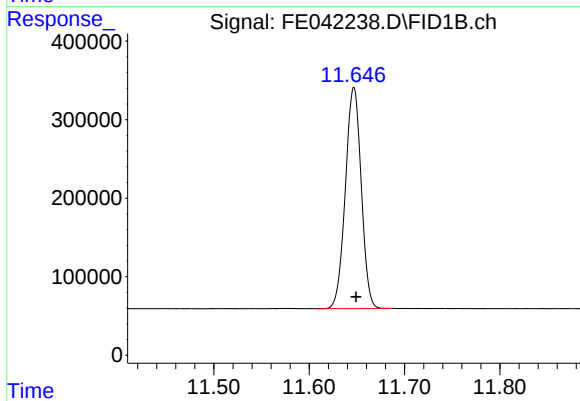
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 3163545
Conc: 21.12 ug/ml



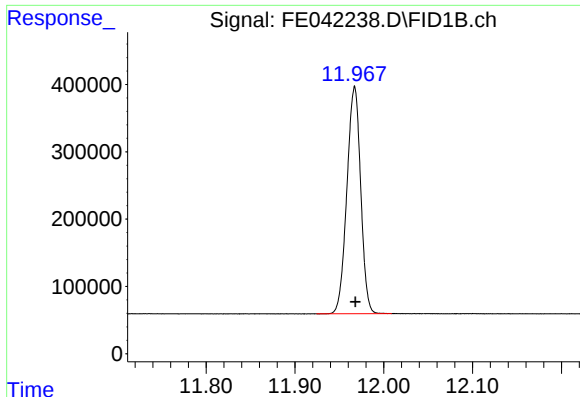
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.002 min
Response: 3258806
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

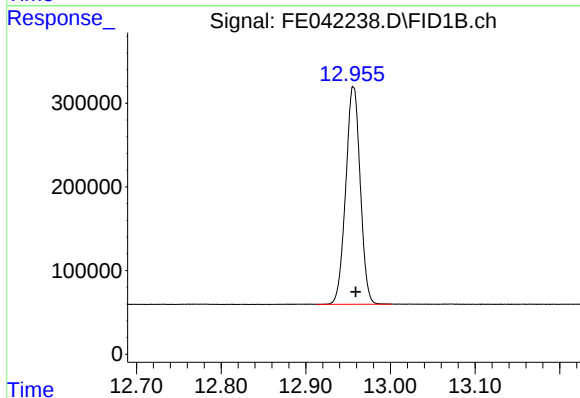
R.T.: 11.647 min
Delta R.T.: -0.002 min
Response: 3263575
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

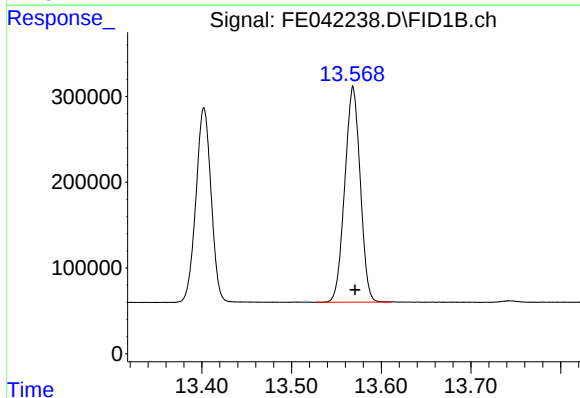
R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 3642557
Conc: 20.63 ug/ml

Instrument :
FID_E
ClientSampleId :



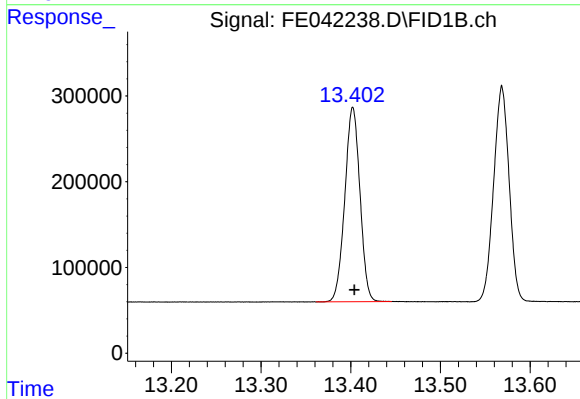
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.003 min
Response: 3098796
Conc: 20.44 ug/ml



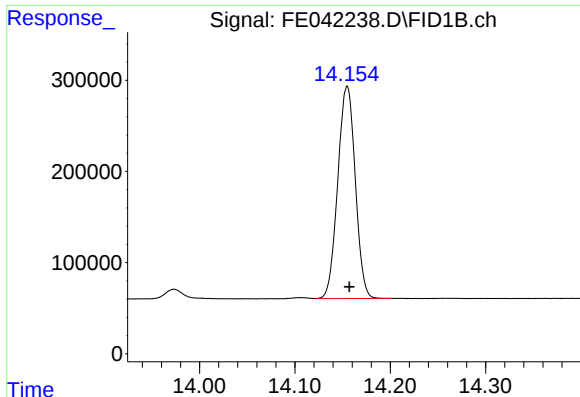
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 3011889
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.002 min
Response: 2662092
Conc: 20.03 ug/ml



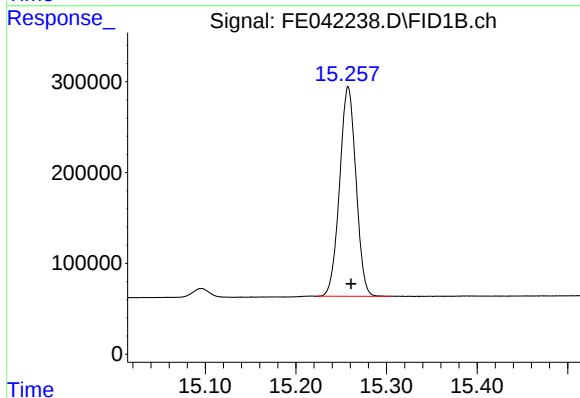
#13 n-Docosane (C22)

R.T.: 14.155 min
Delta R.T.: -0.002 min
Response: 2972693
Conc: 20.28 ug/ml

Instrument :

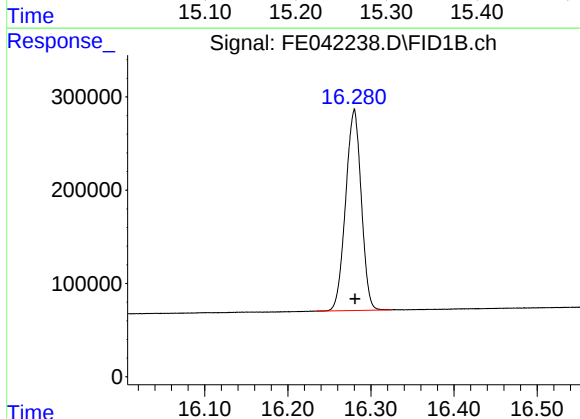
FID_E

ClientSampleId :



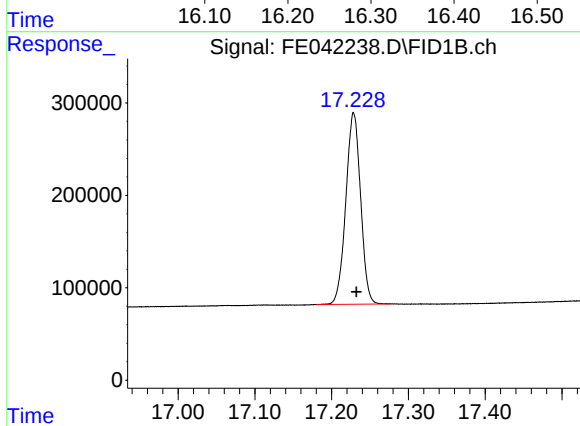
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.003 min
Response: 2895618
Conc: 20.06 ug/ml



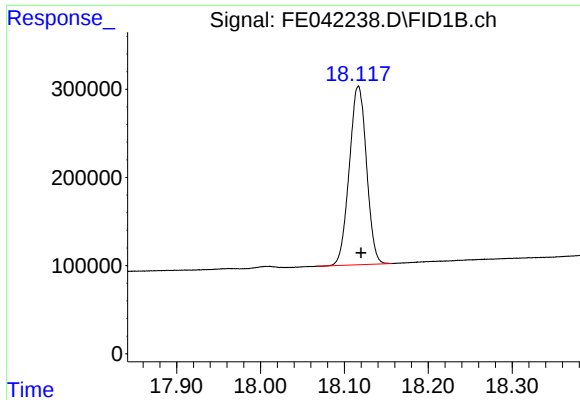
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.001 min
Response: 2816013
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

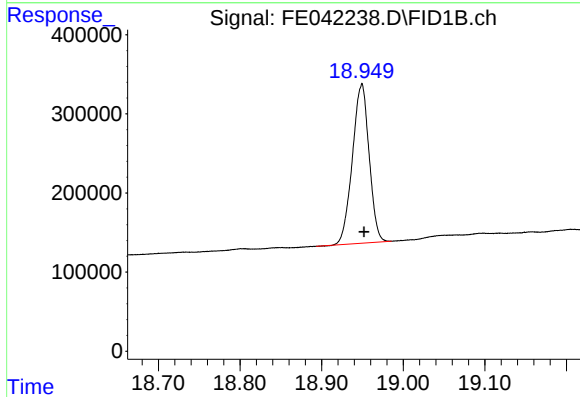
R.T.: 17.229 min
Delta R.T.: -0.004 min
Response: 2772312
Conc: 20.71 ug/ml



#17 n-Tricontane (C30)

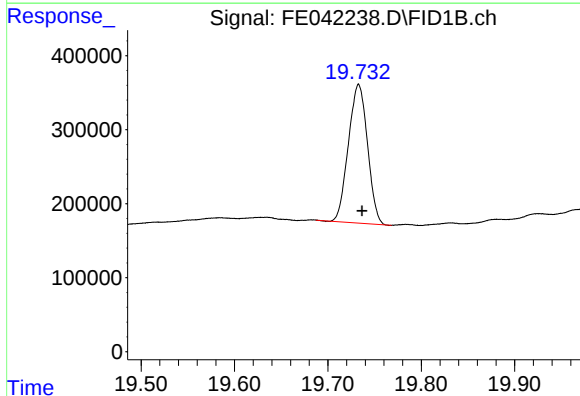
R.T.: 18.117 min
Delta R.T.: -0.003 min
Response: 2886338
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :



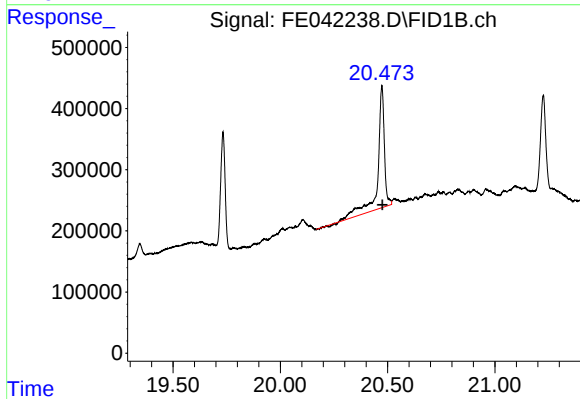
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.003 min
Response: 2861622
Conc: 21.42 ug/ml



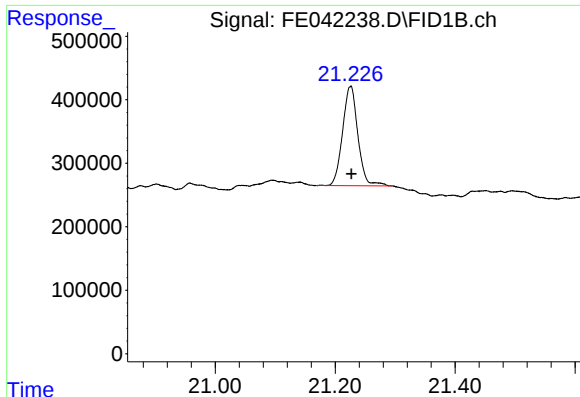
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.004 min
Response: 2668369
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

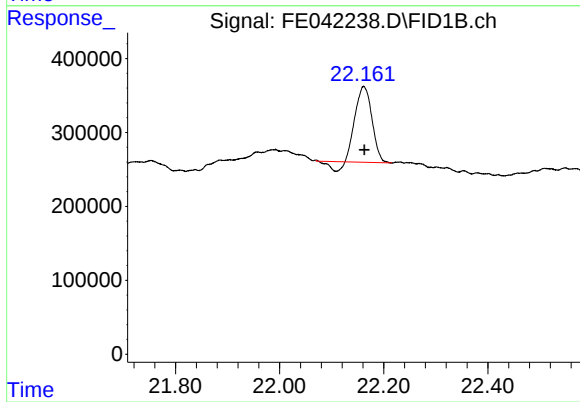
R.T.: 20.474 min
Delta R.T.: -0.003 min
Response: 4304222
Conc: 33.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.001 min
Response: 2766456
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.002 min
Response: 2151647
Conc: 15.47 ug/ml