

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046108.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 08:40
 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: Jan 10 02:34:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.836	3684439	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	13.280	2719149	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.219	2923336	19.101 ug/ml
2) T n-Decane (C10)	4.471	2996522	19.308 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3229296	19.418 ug/ml
4) T n-Dodecane (C12)	6.639	3062703	19.616 ug/ml
5) T A~2-methylnaphthalene...	7.271	3135978	19.697 ug/ml
6) T n-Tetradecane (C14)	8.465	3066811	19.688 ug/ml
7) T n-Hexadecane (C16)	10.076	3158090	19.943 ug/ml
8) T n-Octadecane (C18)	11.522	3180194	20.206 ug/ml
10) T n-Eicosane (C20)	12.834	3092013	20.439 ug/ml
11) T n-Heneicosane (C21)	13.447	3005334	20.437 ug/ml
13) T n-Docosane (C22)	14.035	3046965	20.845 ug/ml
14) T n-Tetracosane (C24)	15.141	3181288	21.935 ug/ml
15) T n-Hexacosane (C26)	16.165	3148608	21.962 ug/ml
16) T n-Octacosane (C28)	17.117	3253912	22.688 ug/ml
17) T n-Tricontane (C30)	18.010	3392555	22.824 ug/ml
18) T n-Dotriacontane (C32)	18.845	3303357	22.087 ug/ml
19) T n-Tetratriacontane (C34)	19.632	3018578	21.071 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2797292	19.186 ug/ml
21) T n-Octatriacontane (C38)	21.110	2959749	20.072 ug/ml
22) T n-Tetracontane (C40)	22.009	3049025	19.479 ug/ml

(f)=RT Delta > 1/2 Window

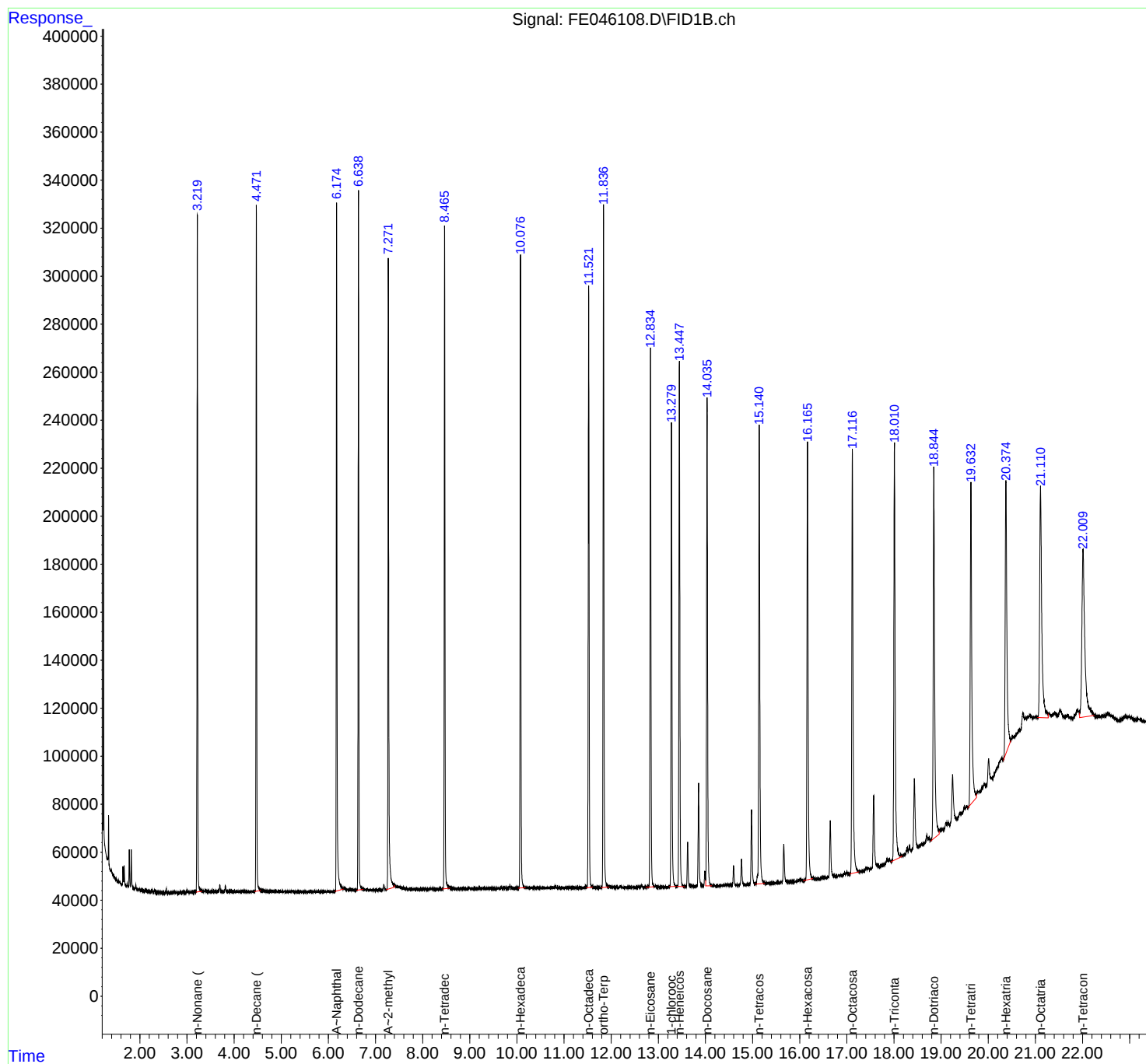
(m)=manual int.

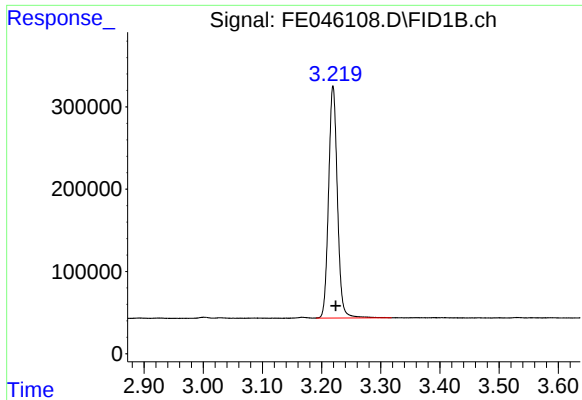
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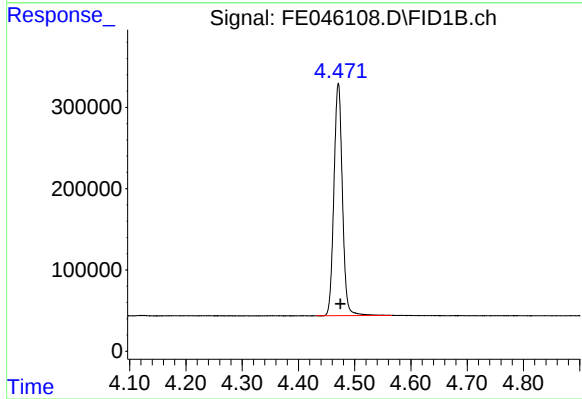




#1 n-Nonane (C9)

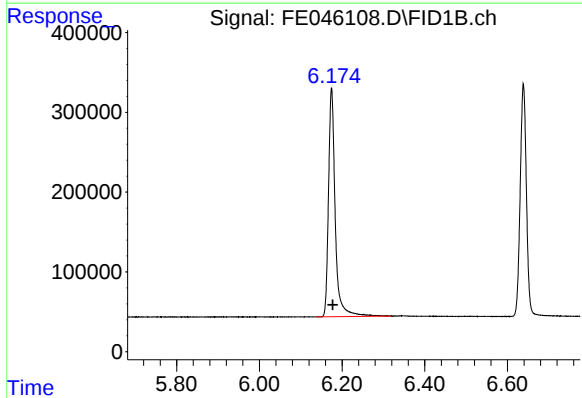
R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 2923336
Conc: 19.10 ug/ml

Instrument :
FID_E
ClientSampleId :



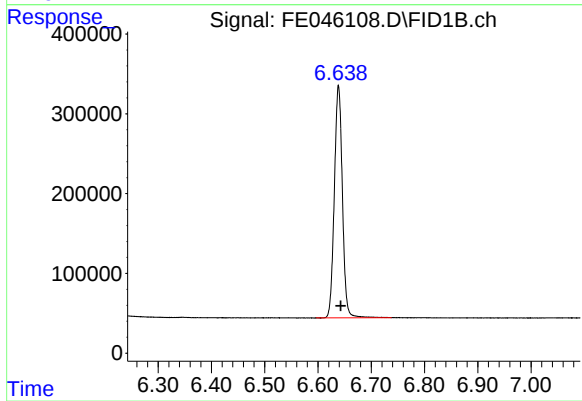
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 2996522
Conc: 19.31 ug/ml



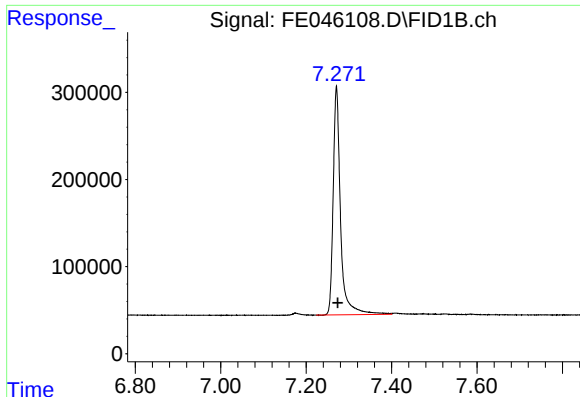
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 3229296
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

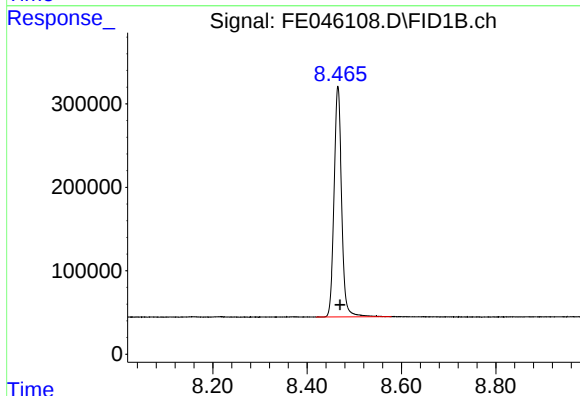
R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 3062703
Conc: 19.62 ug/ml



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

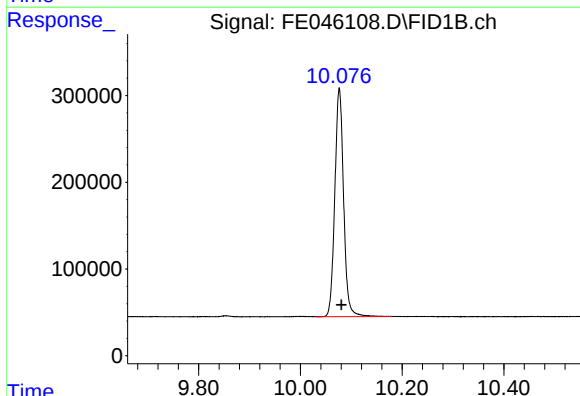
R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 3135978
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :



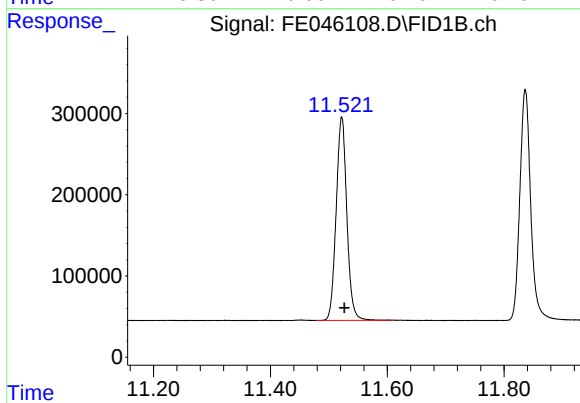
#6 n-Tetradecane (C14)

R.T.: 8.465 min
Delta R.T.: -0.005 min
Response: 3066811
Conc: 19.69 ug/ml



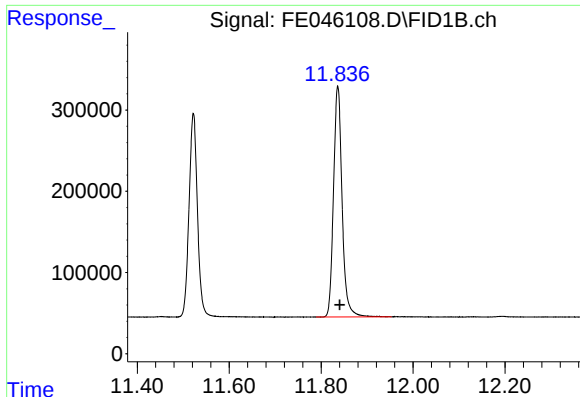
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.004 min
Response: 3158090
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

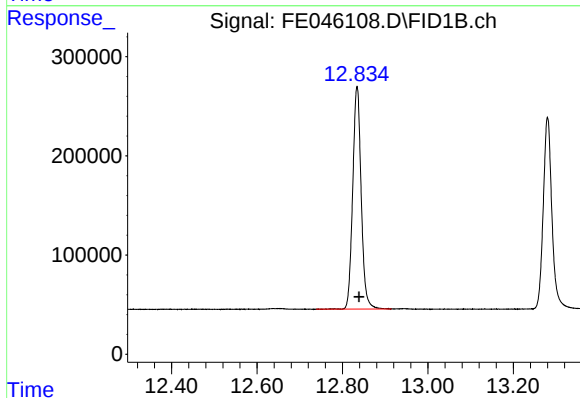
R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 3180194
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

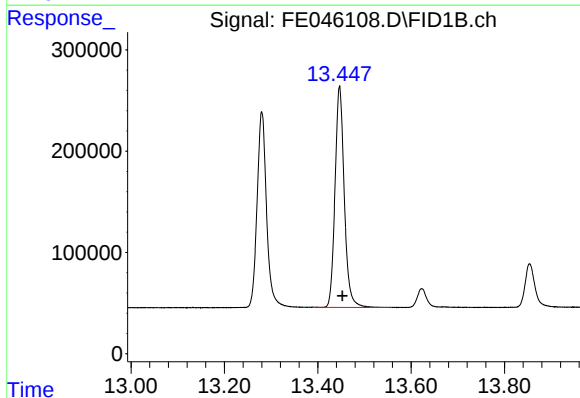
R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 3684439
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :



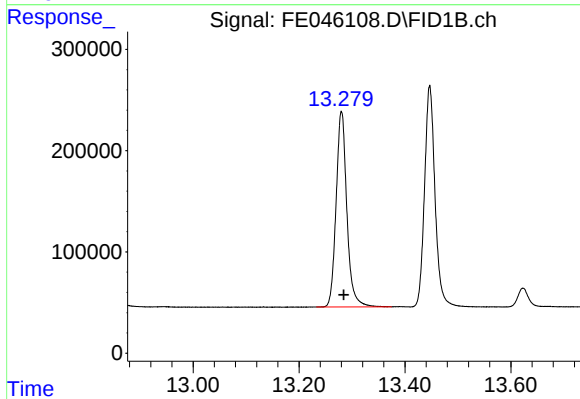
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.005 min
Response: 3092013
Conc: 20.44 ug/ml



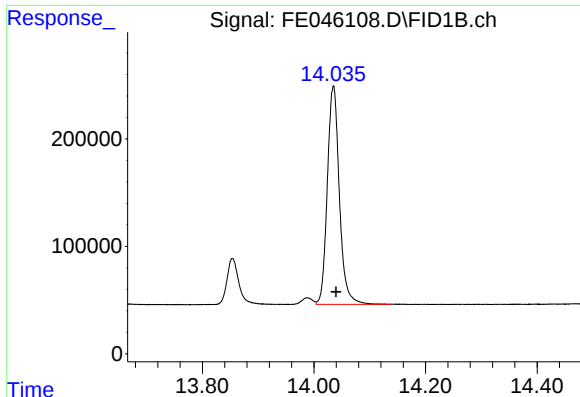
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.006 min
Response: 3005334
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

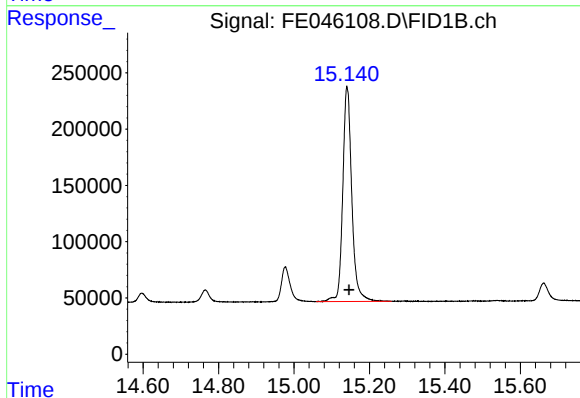
R.T.: 13.280 min
Delta R.T.: -0.004 min
Response: 2719149
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

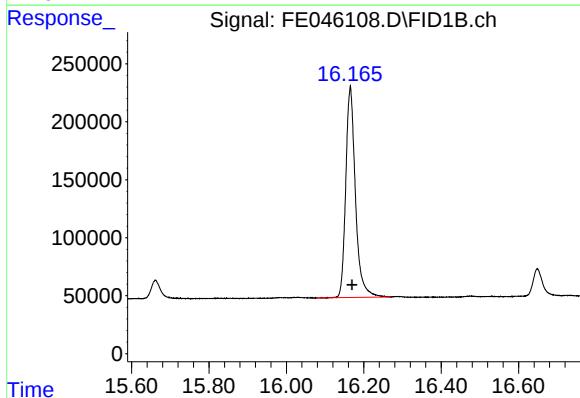
R.T.: 14.035 min
Delta R.T.: -0.005 min
Response: 3046965
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :



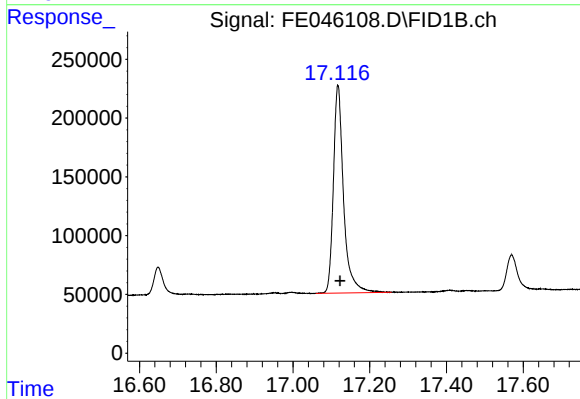
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.005 min
Response: 3181288
Conc: 21.93 ug/ml



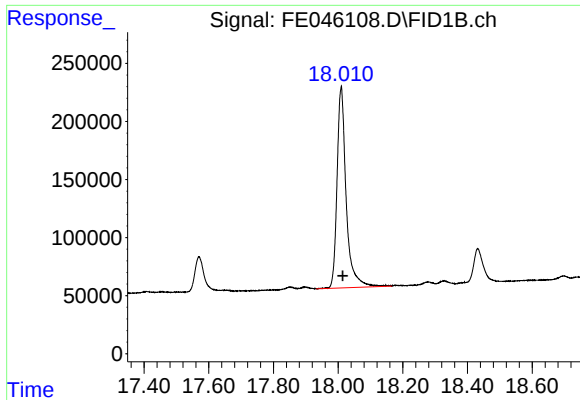
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 3148608
Conc: 21.96 ug/ml



#16 n-Octacosane (C28)

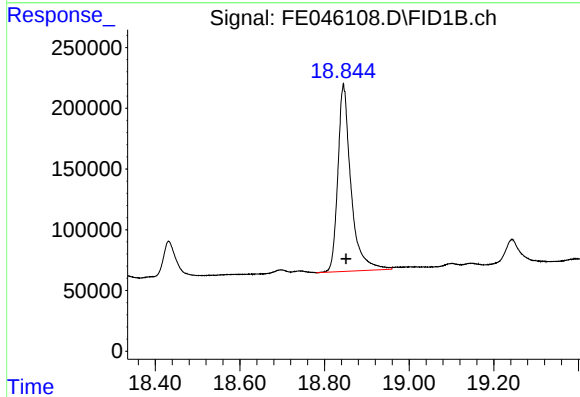
R.T.: 17.117 min
Delta R.T.: -0.005 min
Response: 3253912
Conc: 22.69 ug/ml



#17 n-Tricontane (C30)

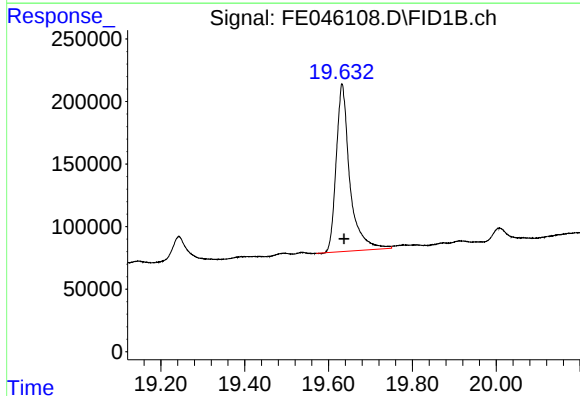
R.T.: 18.010 min
Delta R.T.: -0.004 min
Response: 3392555
Conc: 22.82 ug/ml

Instrument :
FID_E
ClientSampleId :



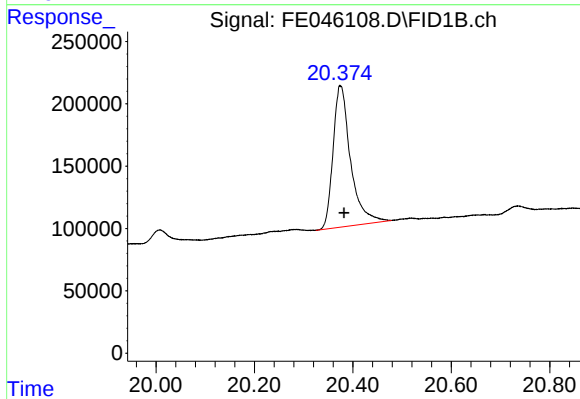
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.006 min
Response: 3303357
Conc: 22.09 ug/ml



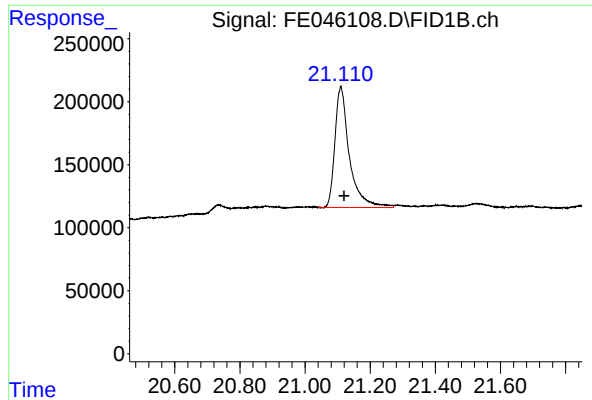
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.004 min
Response: 3018578
Conc: 21.07 ug/ml



#20 n-Hexatriacontane (C36)

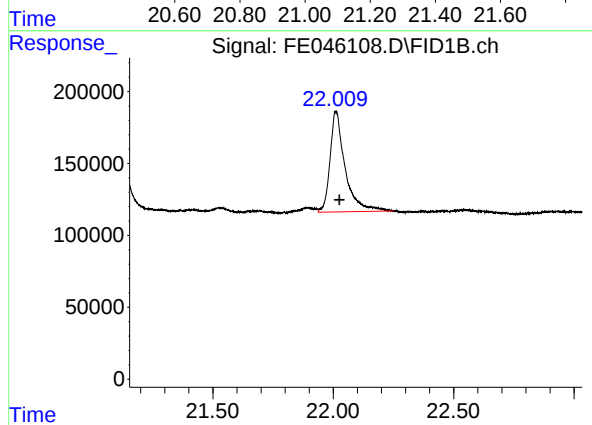
R.T.: 20.374 min
Delta R.T.: -0.008 min
Response: 2797292
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.010 min
Response: 2959749
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.016 min
Response: 3049025
Conc: 19.48 ug/ml