

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048667.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 11:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 01:25:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.943	2763228	19.243 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.377	2061283	18.921 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.329	2663140	17.813 ug/ml
2) T n-Decane (C10)	4.578	2791772	18.488 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2773406	18.626 ug/ml
4) T n-Dodecane (C12)	6.744	2779090	18.774 ug/ml
5) T A~2-methylnaphthalene...	7.381	2625513	18.936 ug/ml
6) T n-Tetradecane (C14)	8.572	2693778	18.993 ug/ml
7) T n-Hexadecane (C16)	10.180	2720364	19.296 ug/ml
8) T n-Octadecane (C18)	11.623	2694910	19.404 ug/ml
10) T n-Eicosane (C20)	12.932	2561776	19.358 ug/ml
11) T n-Heneicosane (C21)	13.543	2490465	19.227 ug/ml
13) T n-Docosane (C22)	14.129	2502369	19.419 ug/ml
14) T n-Tetracosane (C24)	15.232	2573938	19.868 ug/ml
15) T n-Hexacosane (C26)	16.251	2638958	20.361 ug/ml
16) T n-Octacosane (C28)	17.200	2778341	21.495 ug/ml
17) T n-Tricontane (C30)	18.087	3068027	22.902 ug/ml
18) T n-Dotriacontane (C32)	18.919	3136300	23.105 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2969239	21.705 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2821109	20.753 ug/ml
21) T n-Octatriacontane (C38)	21.179	2630353	19.288 ug/ml
22) T n-Tetracontane (C40)	22.096	2474088	18.069 ug/ml

(f)=RT Delta > 1/2 Window

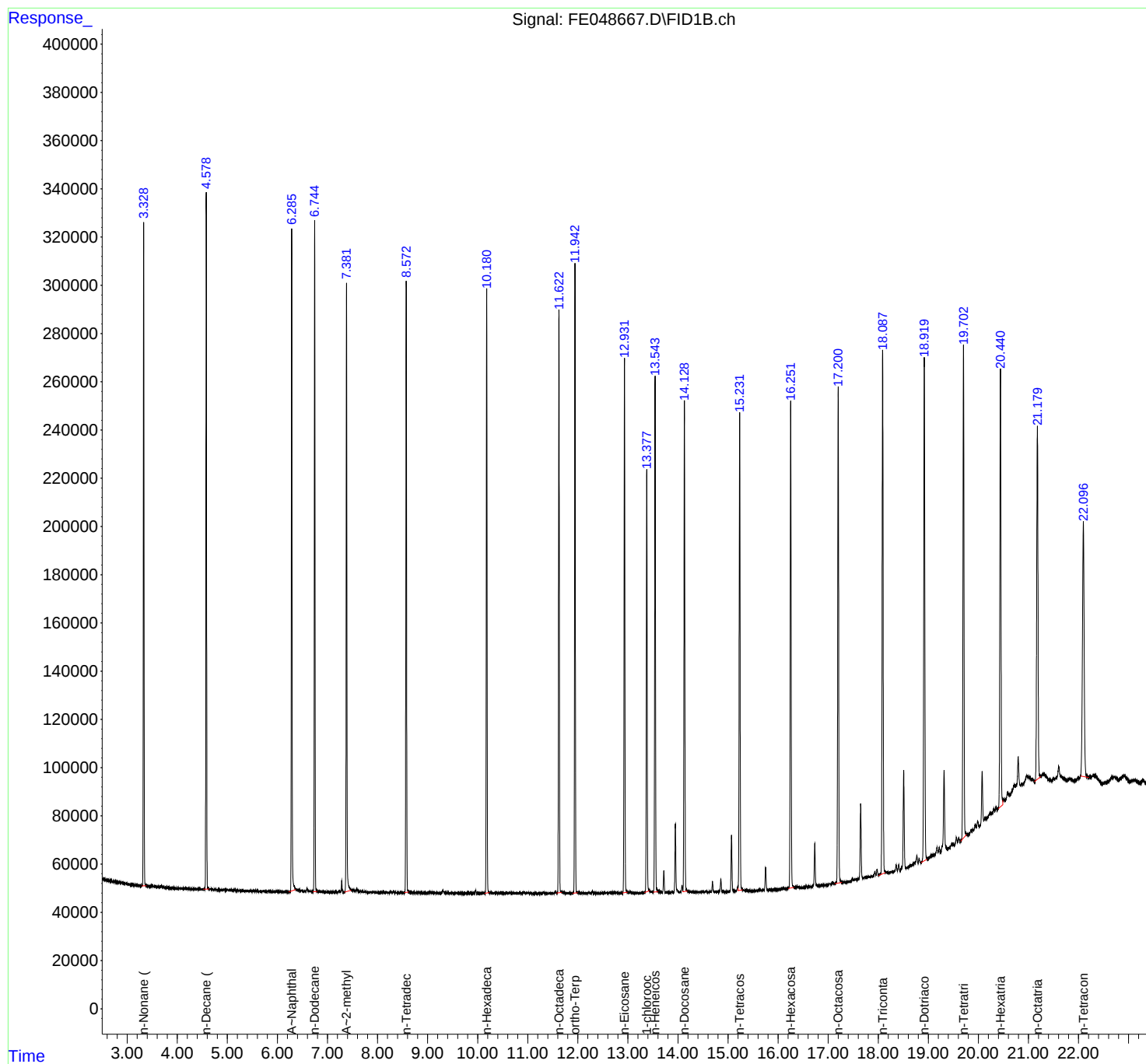
(m)=manual int.

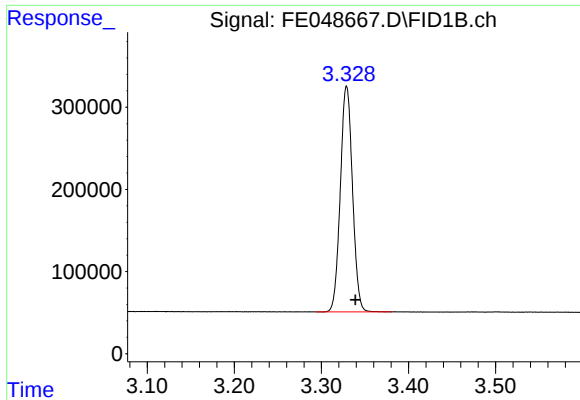
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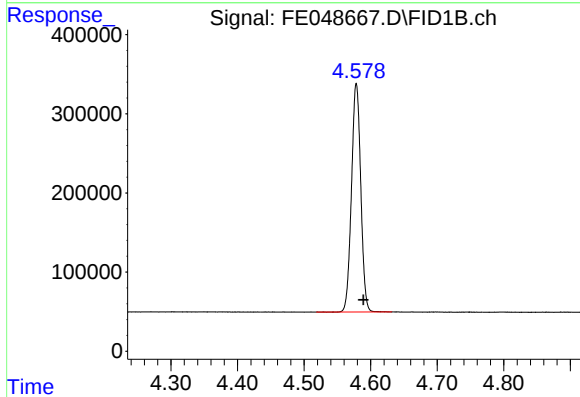




#1 n-Nonane (C9)

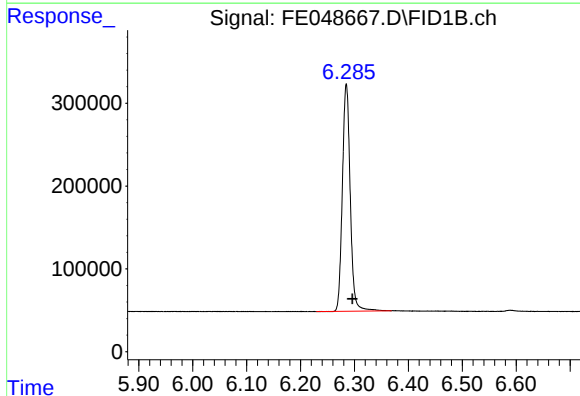
R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 2663140
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :



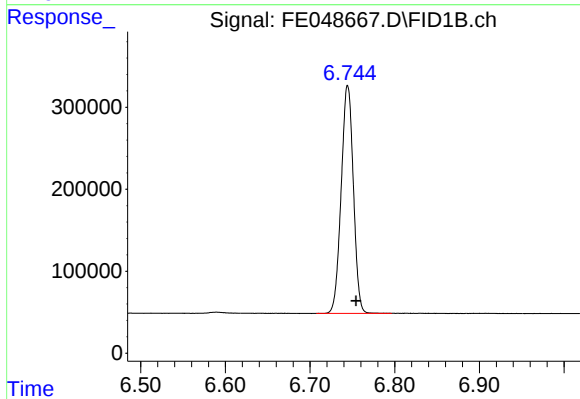
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 2791772
Conc: 18.49 ug/ml



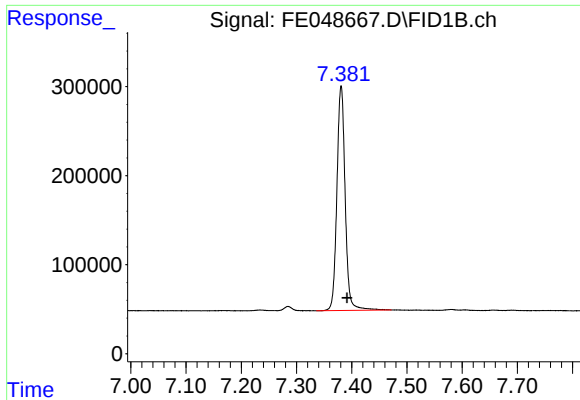
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2773406
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

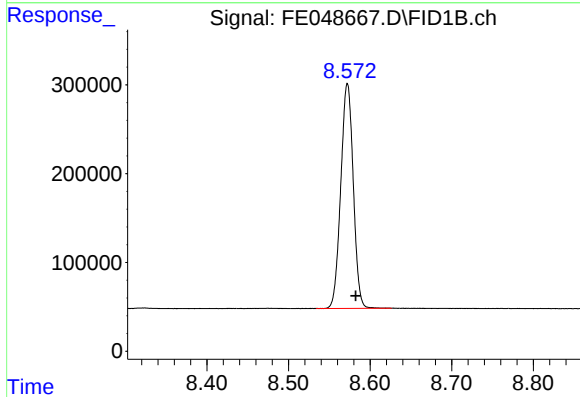
R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 2779090
Conc: 18.77 ug/ml



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

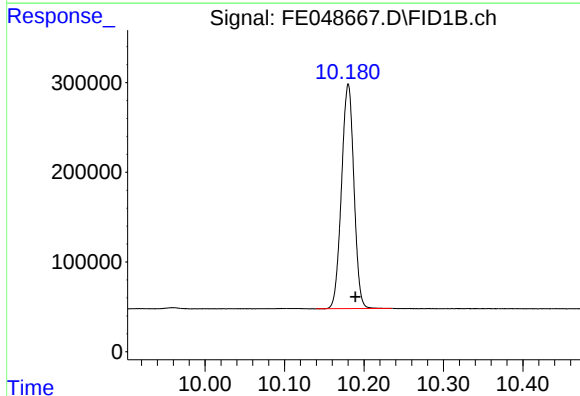
R.T.: 7.381 min
Delta R.T.: -0.010 min
Response: 2625513
Conc: 18.94 ug/ml

Instrument :
FID_E
ClientSampleId :



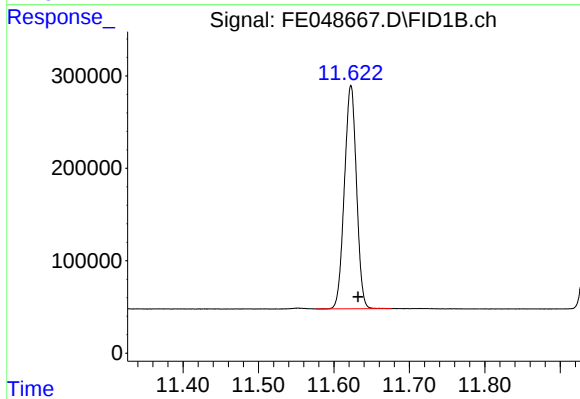
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 2693778
Conc: 18.99 ug/ml



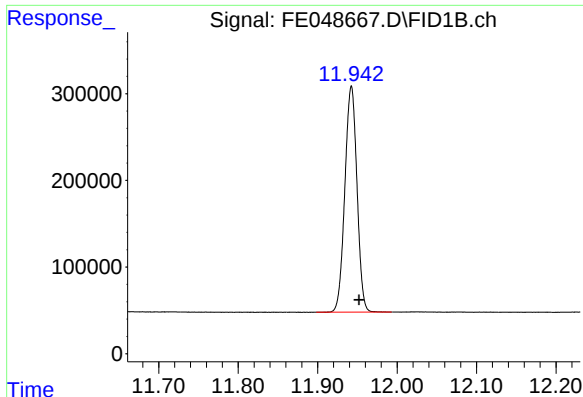
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.009 min
Response: 2720364
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

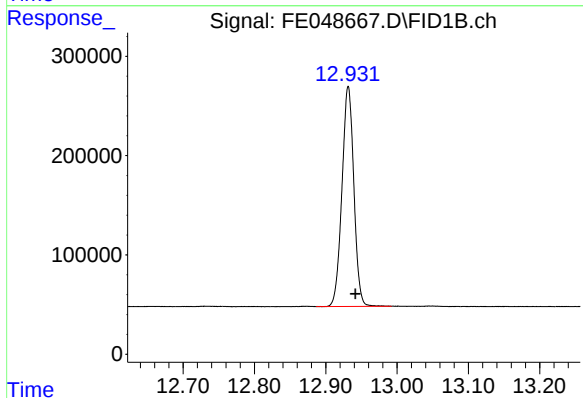
R.T.: 11.623 min
Delta R.T.: -0.009 min
Response: 2694910
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

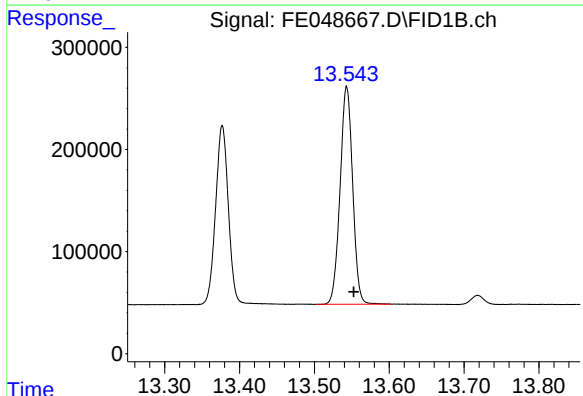
R.T.: 11.943 min
Delta R.T.: -0.009 min
Response: 2763228
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :



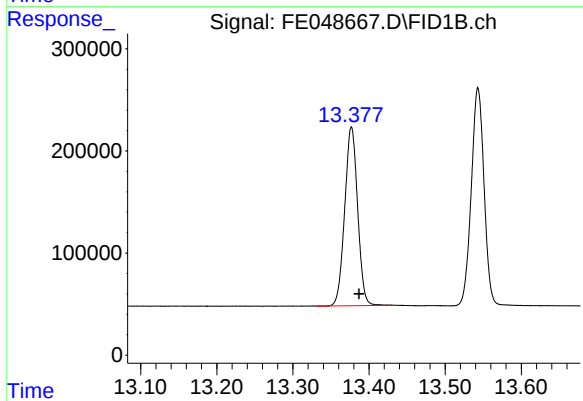
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 2561776
Conc: 19.36 ug/ml



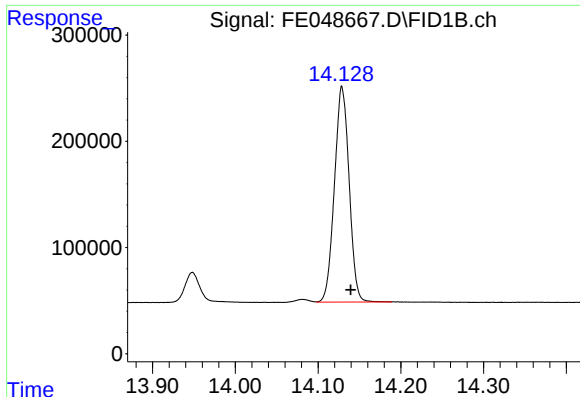
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.010 min
Response: 2490465
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

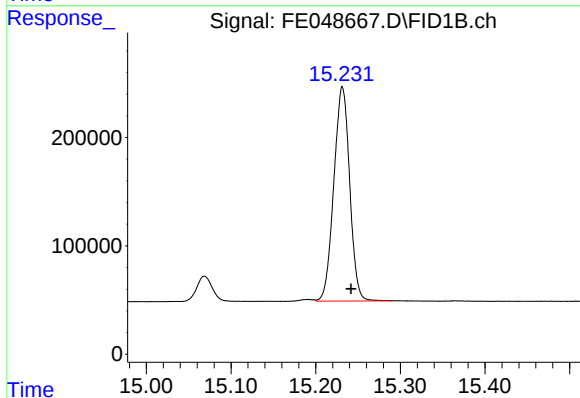
R.T.: 13.377 min
Delta R.T.: -0.010 min
Response: 2061283
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

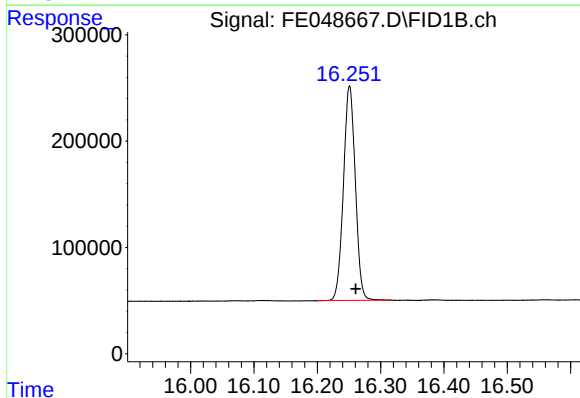
R.T.: 14.129 min
Delta R.T.: -0.011 min
Response: 2502369
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :



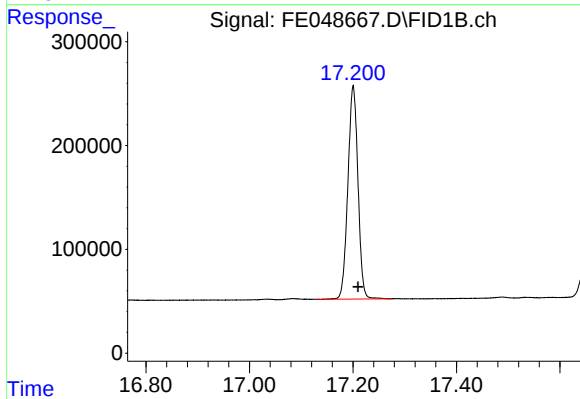
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.010 min
Response: 2573938
Conc: 19.87 ug/ml



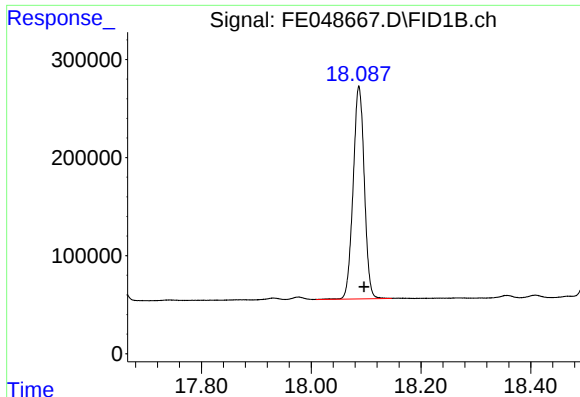
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.010 min
Response: 2638958
Conc: 20.36 ug/ml



#16 n-Octacosane (C28)

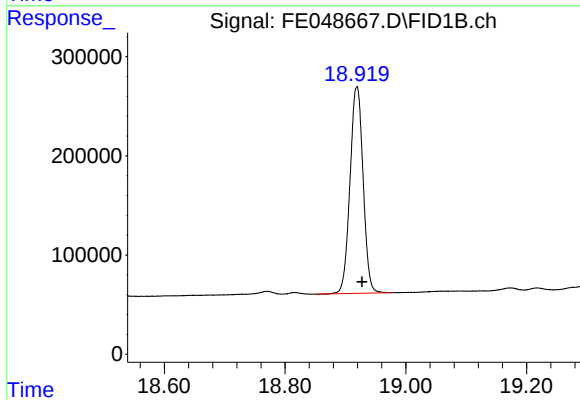
R.T.: 17.200 min
Delta R.T.: -0.010 min
Response: 2778341
Conc: 21.50 ug/ml



#17 n-Tricontane (C30)

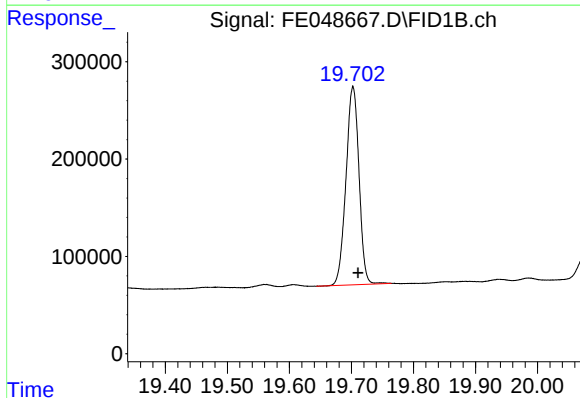
R.T.: 18.087 min
Delta R.T.: -0.009 min
Response: 3068027
Conc: 22.90 ug/ml

Instrument :
FID_E
ClientSampleId :



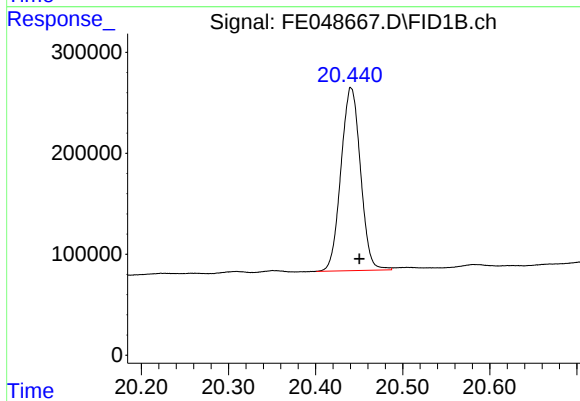
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.009 min
Response: 3136300
Conc: 23.11 ug/ml



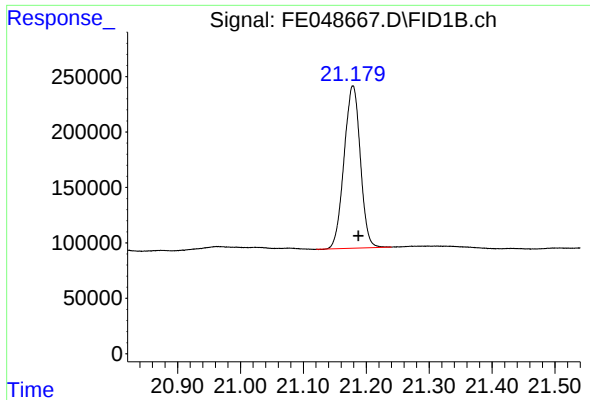
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.009 min
Response: 2969239
Conc: 21.70 ug/ml



#20 n-Hexatriacontane (C36)

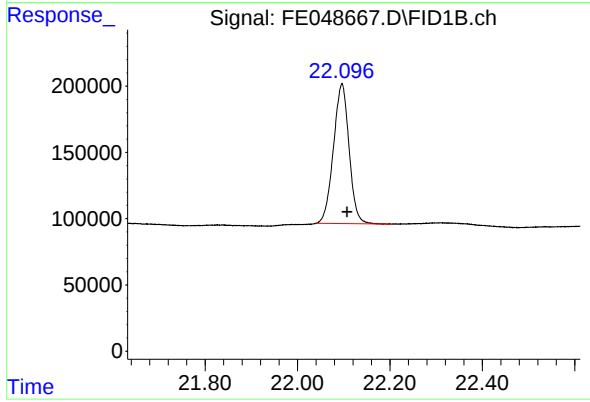
R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 2821109
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 2630353
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.011 min
Response: 2474088
Conc: 18.07 ug/ml