

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090524AL\
 Data File : FE049943.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2024 20:38
 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: Sep 06 01:32:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.880	2826090	17.476 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
12) S 1-chlorooctadecane (S...	13.314	2175781	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.269	2514363	16.247 ug/ml
2) T n-Decane (C10)	4.519	2666871	16.891 ug/ml
3) T A~Naphthalene (C11.7)	6.228	2709551	16.887 ug/ml
4) T n-Dodecane (C12)	6.687	2710568	17.242 ug/ml
5) T A~2-methylnaphthalene...	7.324	2599748	17.360 ug/ml
6) T n-Tetradecane (C14)	8.514	2676164	17.335 ug/ml
7) T n-Hexadecane (C16)	10.120	2758110	17.660 ug/ml
8) T n-Octadecane (C18)	11.561	2790781	17.770 ug/ml
10) T n-Eicosane (C20)	12.869	2664751	17.848 ug/ml
11) T n-Heneicosane (C21)	13.480	2604297	17.753 ug/ml
13) T n-Docosane (C22)	14.066	2591526	17.780 ug/ml
14) T n-Tetracosane (C24)	15.168	2675065	18.390 ug/ml
15) T n-Hexacosane (C26)	16.187	2679543	18.566 ug/ml
16) T n-Octacosane (C28)	17.135	2808839	19.501 ug/ml
17) T n-Tricontane (C30)	18.023	3141976	20.988 ug/ml
18) T n-Dotriacontane (C32)	18.854	3255412	21.519 ug/ml
19) T n-Tetratriacontane (C34)	19.637	3105331	20.312 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2988259	19.679 ug/ml
21) T n-Octatriacontane (C38)	21.103	2903317	18.498 ug/ml
22) T n-Tetracontane (C40)	21.997	2621796	17.172 ug/ml

(f)=RT Delta > 1/2 Window

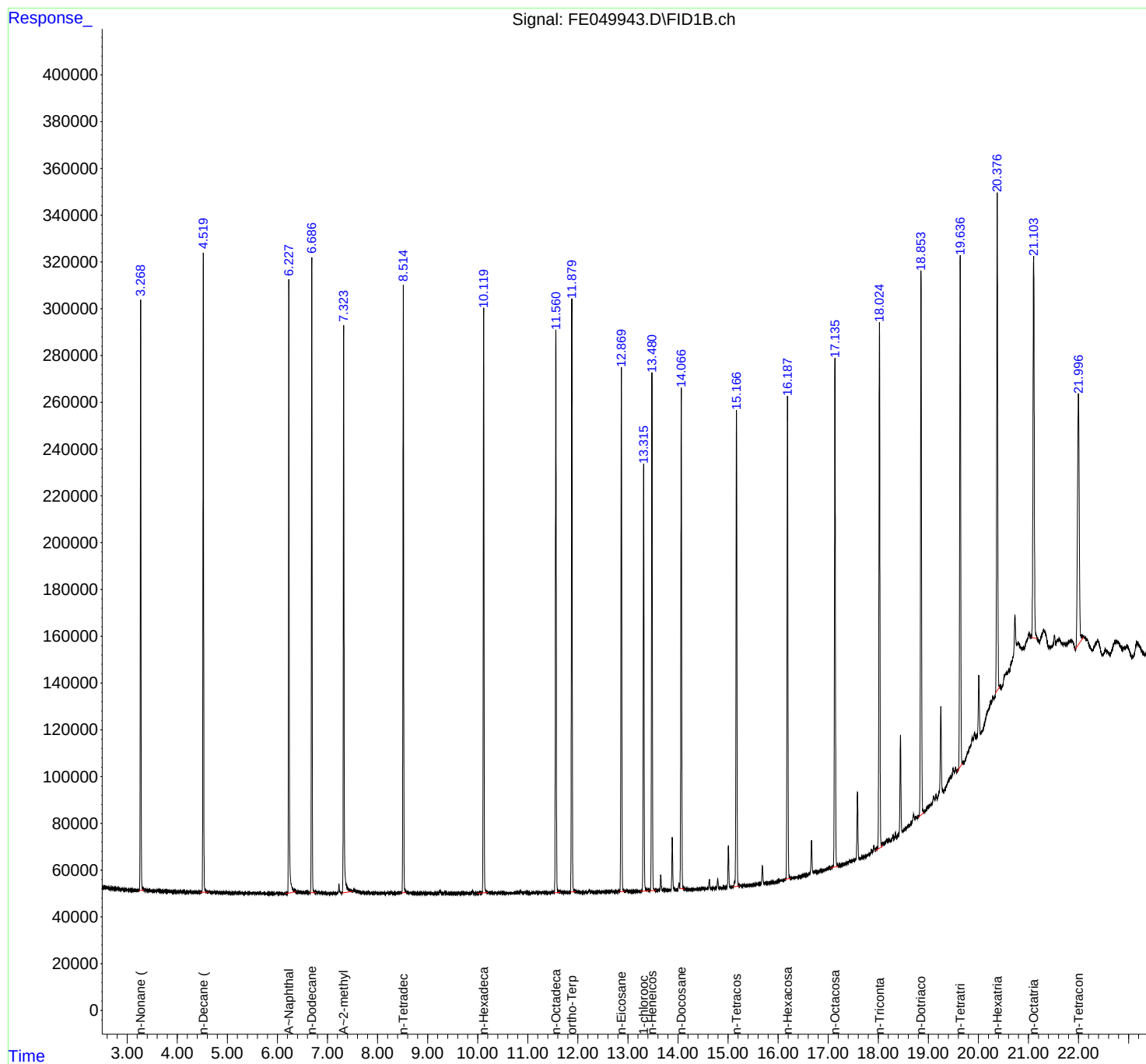
(m)=manual int.

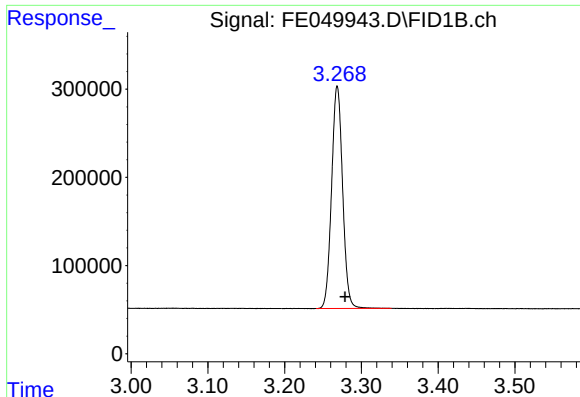
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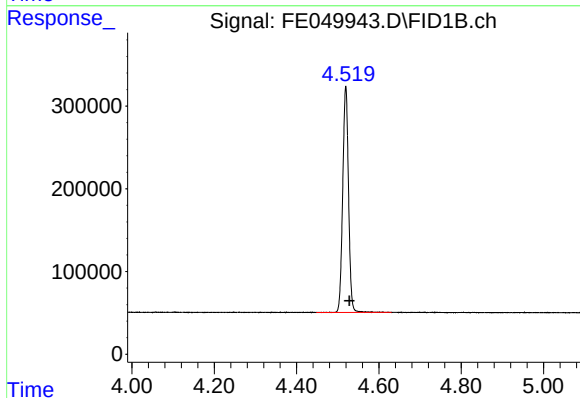




#1 n-Nonane (C9)

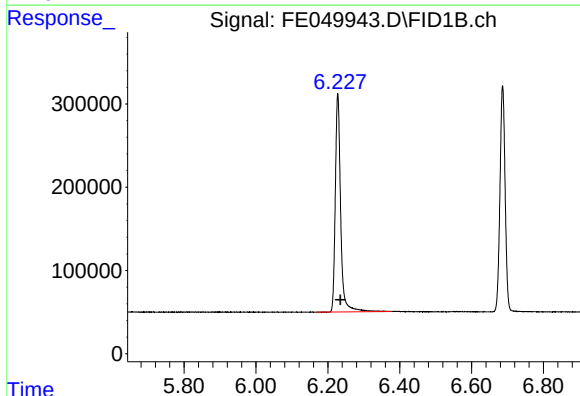
R.T.: 3.269 min
Delta R.T.: -0.010 min
Response: 2514363
Conc: 16.25 ug/ml

Instrument :
FID_E
ClientSampleId :



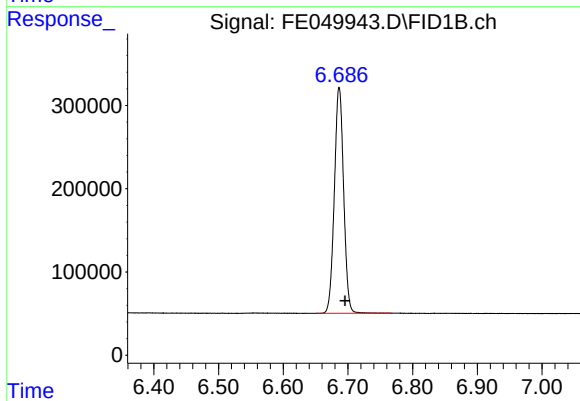
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.009 min
Response: 2666871
Conc: 16.89 ug/ml



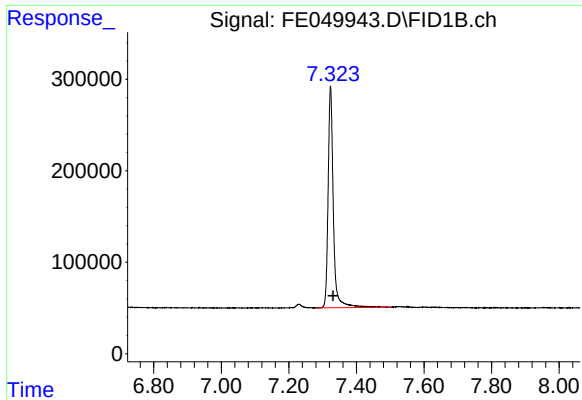
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 2709551
Conc: 16.89 ug/ml



#4 n-Dodecane (C12)

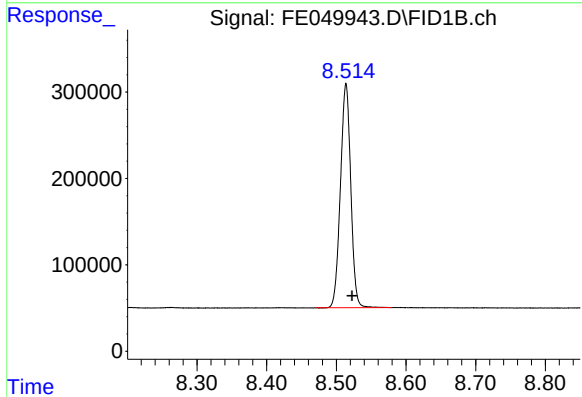
R.T.: 6.687 min
Delta R.T.: -0.009 min
Response: 2710568
Conc: 17.24 ug/ml



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

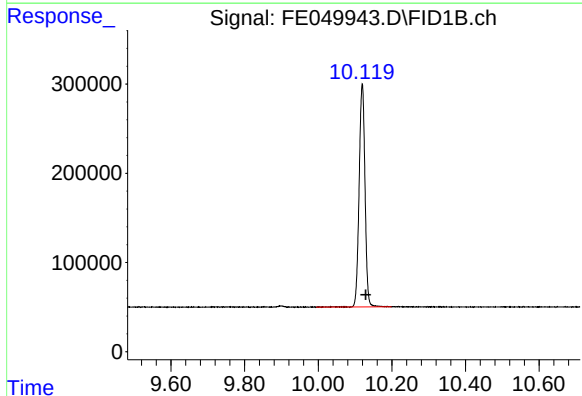
R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 2599748
Conc: 17.36 ug/ml

Instrument :
FID_E
ClientSampleId :



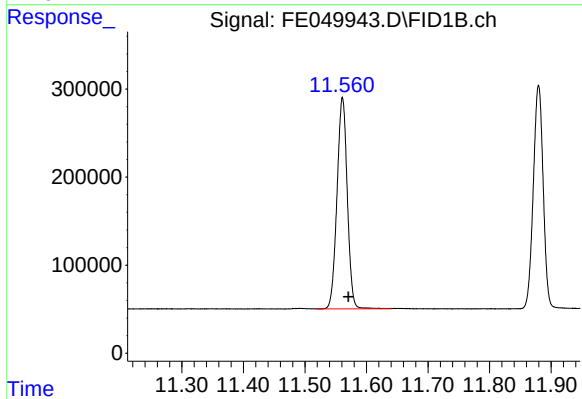
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.009 min
Response: 2676164
Conc: 17.33 ug/ml



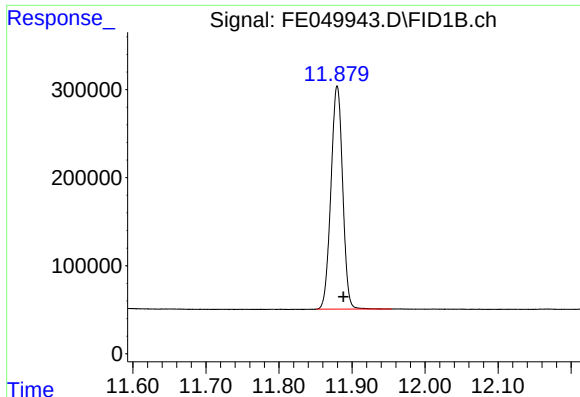
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.009 min
Response: 2758110
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

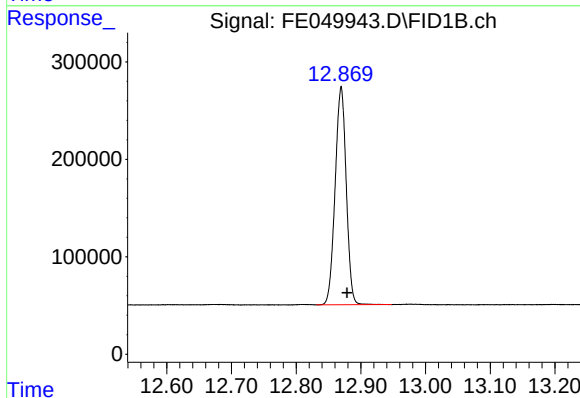
R.T.: 11.561 min
Delta R.T.: -0.010 min
Response: 2790781
Conc: 17.77 ug/ml



#9 ortho-Terphenyl (SURR)

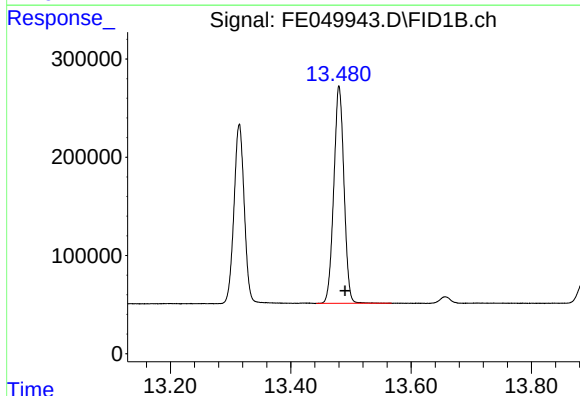
R.T.: 11.880 min
Delta R.T.: -0.009 min
Response: 2826090
Conc: 17.48 ug/ml

Instrument :
FID_E
ClientSampleId :



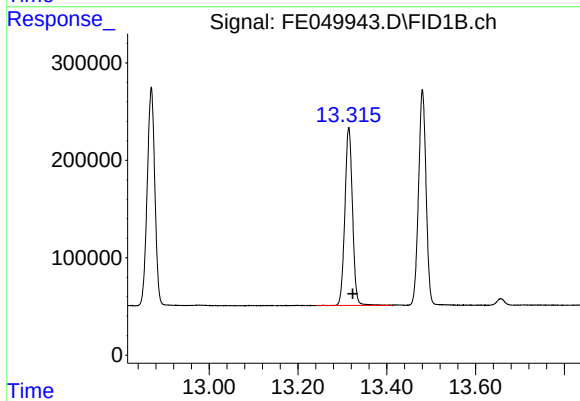
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.009 min
Response: 2664751
Conc: 17.85 ug/ml



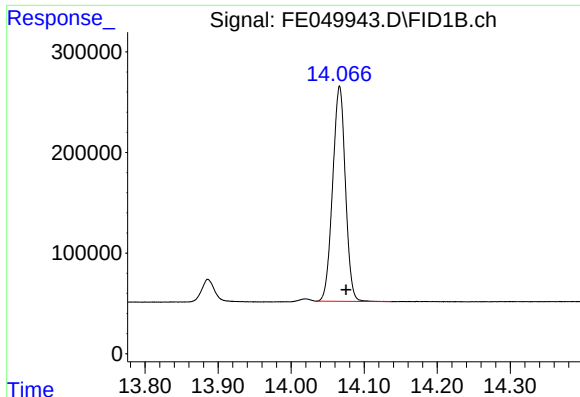
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.010 min
Response: 2604297
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

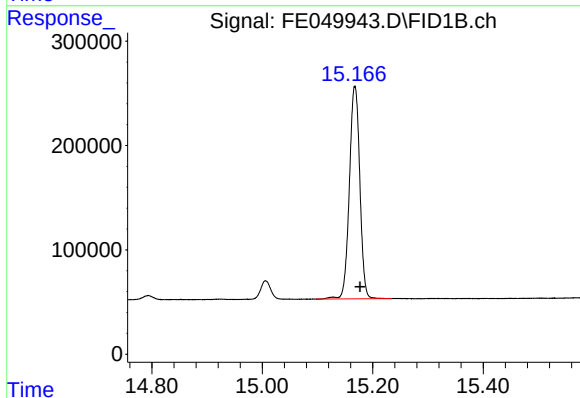
R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 2175781
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

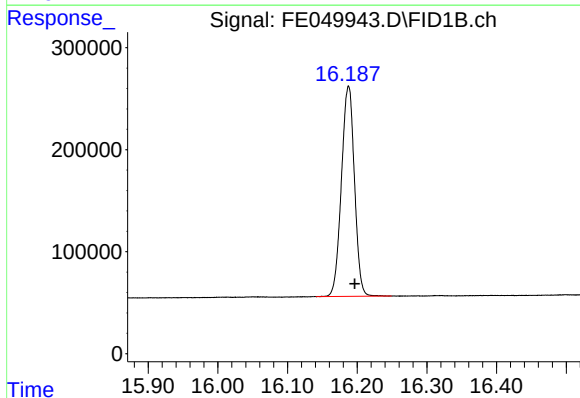
R.T.: 14.066 min
Delta R.T.: -0.009 min
Response: 2591526
Conc: 17.78 ug/ml

Instrument :
FID_E
ClientSampleId :



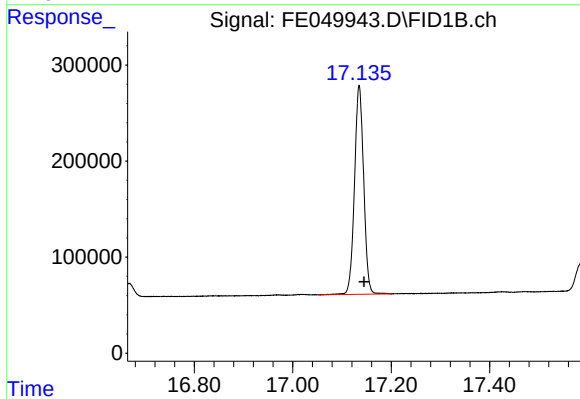
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 2675065
Conc: 18.39 ug/ml



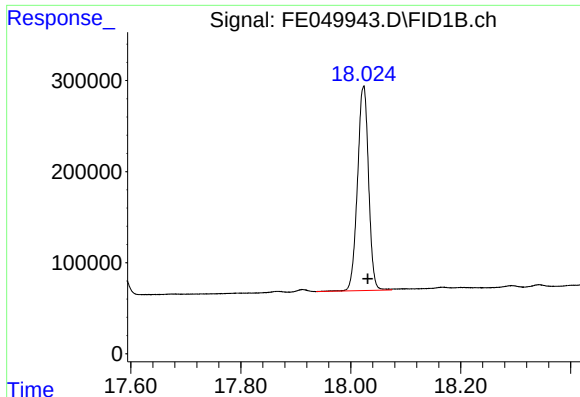
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.009 min
Response: 2679543
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

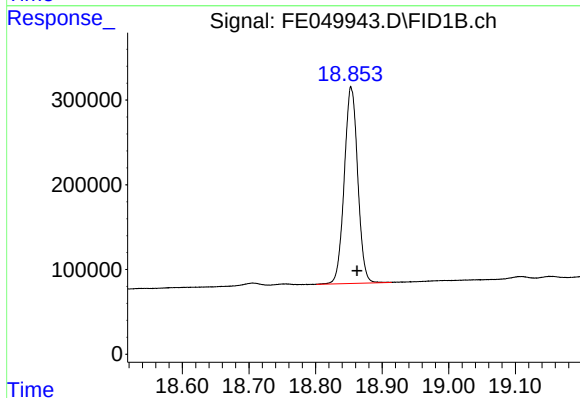
R.T.: 17.135 min
Delta R.T.: -0.010 min
Response: 2808839
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

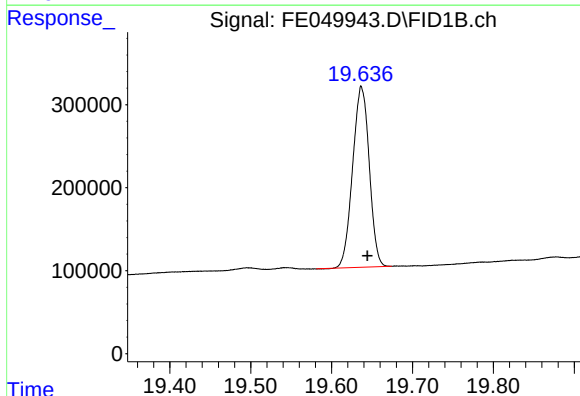
R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 3141976
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :



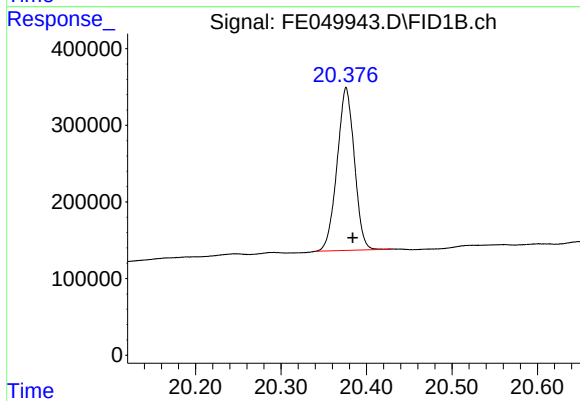
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.009 min
Response: 3255412
Conc: 21.52 ug/ml



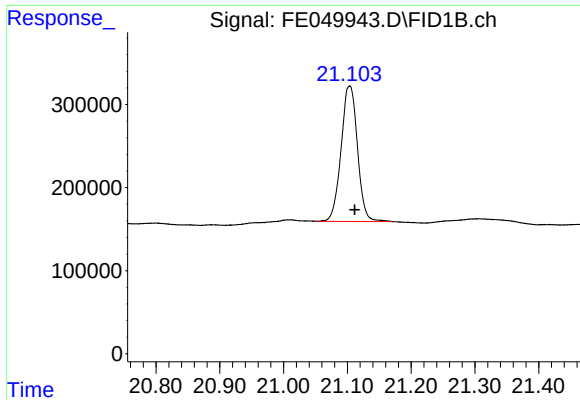
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 3105331
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

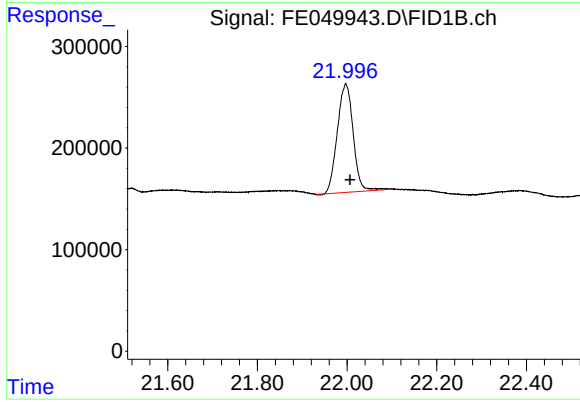
R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 2988259
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 2903317
Conc: 18.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 2621796
Conc: 17.17 ug/ml