

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073024AL\
 Data File : FE049306.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2024 12:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 31 01:19:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.905	2778414	17.913 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	13.340	2132932	18.256 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.292	2563928	17.049 ug/ml
2) T n-Decane (C10)	4.543	2685729	17.389 ug/ml
3) T A~Naphthalene (C11.7)	6.249	2734286	17.550 ug/ml
4) T n-Dodecane (C12)	6.710	2676255	17.381 ug/ml
5) T A~2-methylnaphthalene...	7.345	2558262	17.579 ug/ml
6) T n-Tetradecane (C14)	8.537	2666273	17.567 ug/ml
7) T n-Hexadecane (C16)	10.144	2712488	17.886 ug/ml
8) T n-Octadecane (C18)	11.587	2722171	17.929 ug/ml
10) T n-Eicosane (C20)	12.895	2600339	17.982 ug/ml
11) T n-Heneicosane (C21)	13.506	2561062	18.060 ug/ml
13) T n-Docosane (C22)	14.092	2551949	18.164 ug/ml
14) T n-Tetracosane (C24)	15.194	2583658	18.435 ug/ml
15) T n-Hexacosane (C26)	16.215	2604098	18.571 ug/ml
16) T n-Octacosane (C28)	17.164	2750637	19.652 ug/ml
17) T n-Tricontane (C30)	18.050	3121714	21.400 ug/ml
18) T n-Dotriacontane (C32)	18.881	3272975	22.259 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3136903	21.475 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2960878	20.539 ug/ml
21) T n-Octatriacontane (C38)	21.137	2906698	19.418 ug/ml
22) T n-Tetracontane (C40)	22.039	2807386	18.604 ug/ml

(f)=RT Delta > 1/2 Window

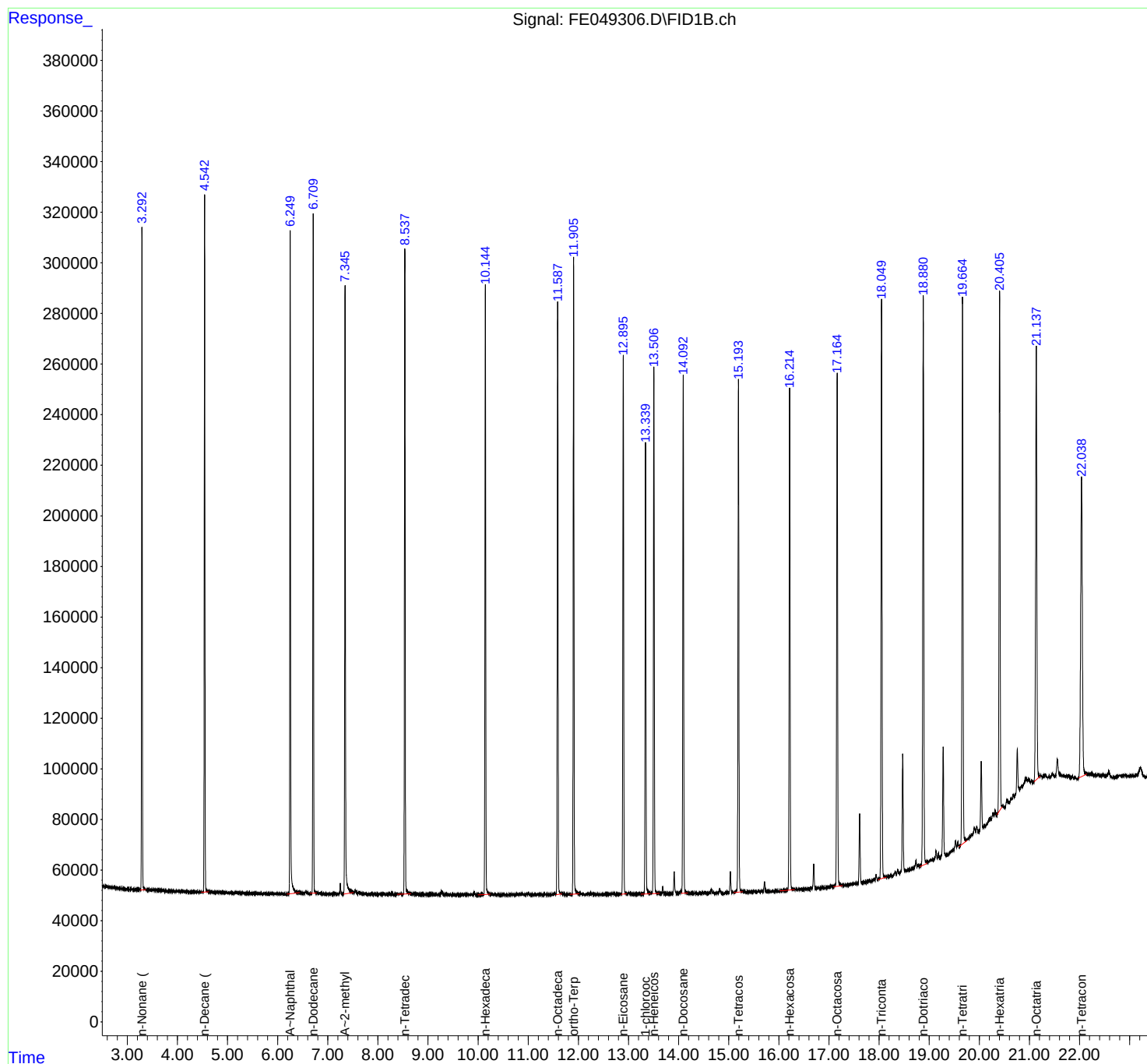
(m)=manual int.

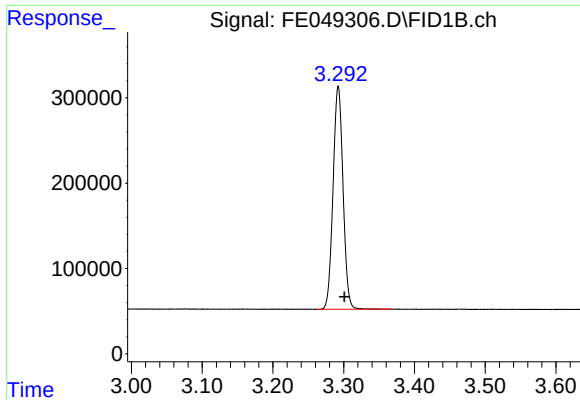
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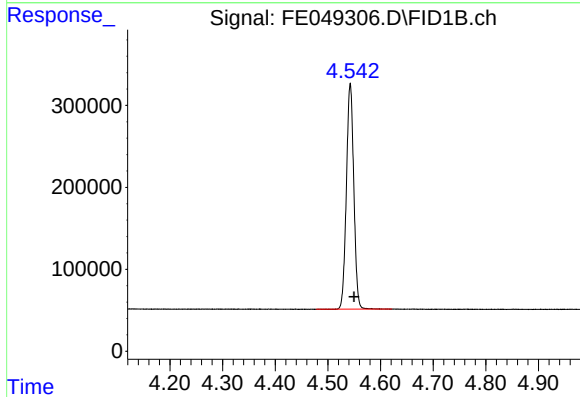




#1 n-Nonane (C9)

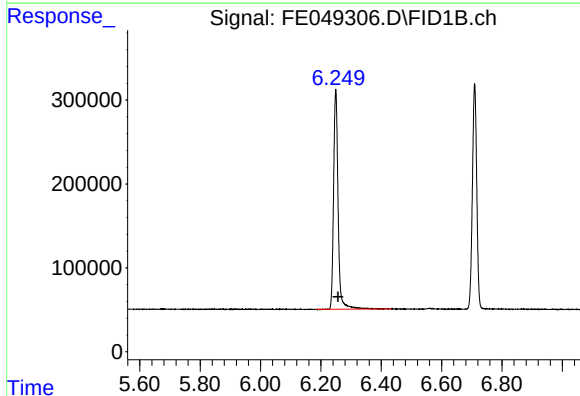
R.T.: 3.292 min
Delta R.T.: -0.009 min
Response: 2563928
Conc: 17.05 ug/ml

Instrument :
FID_E
ClientSampleId :



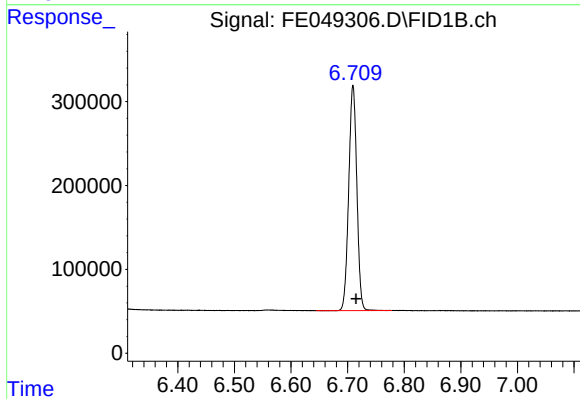
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.007 min
Response: 2685729
Conc: 17.39 ug/ml



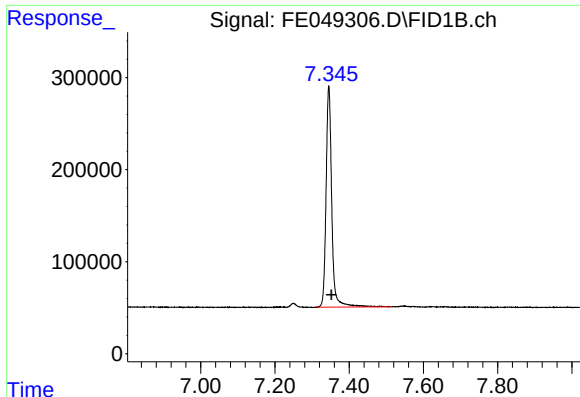
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 2734286
Conc: 17.55 ug/ml



#4 n-Dodecane (C12)

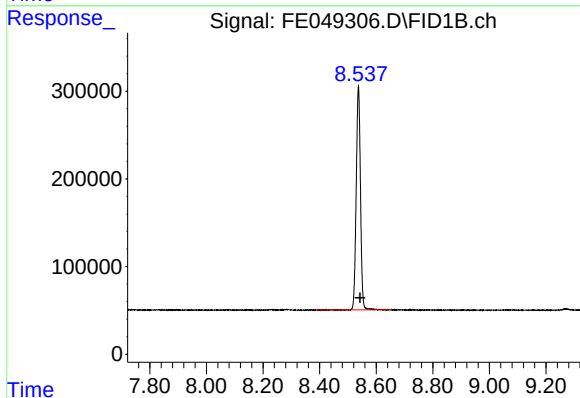
R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 2676255
Conc: 17.38 ug/ml



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

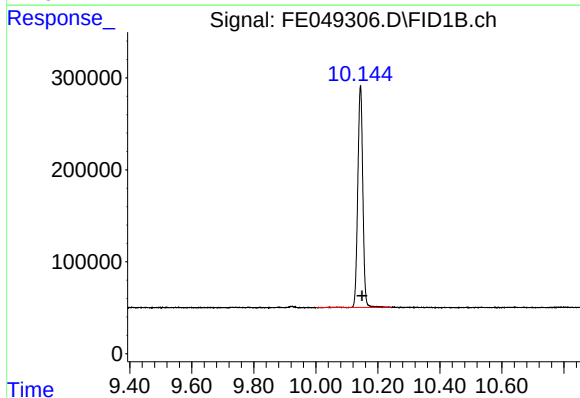
R.T.: 7.345 min
Delta R.T.: -0.007 min
Response: 2558262
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :



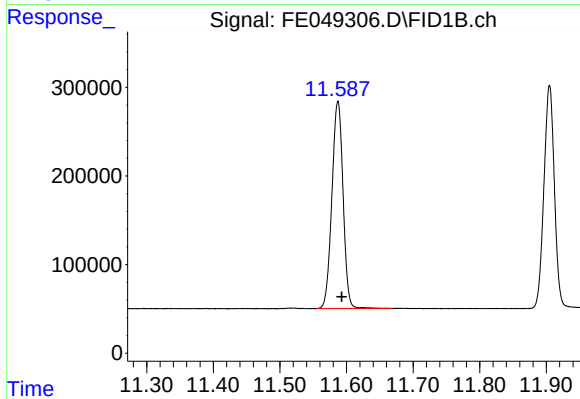
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.006 min
Response: 2666273
Conc: 17.57 ug/ml



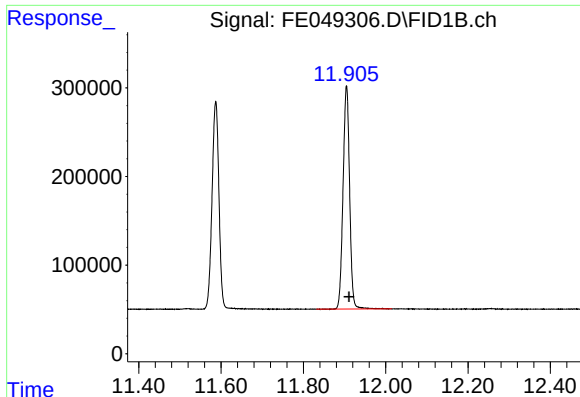
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 2712488
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

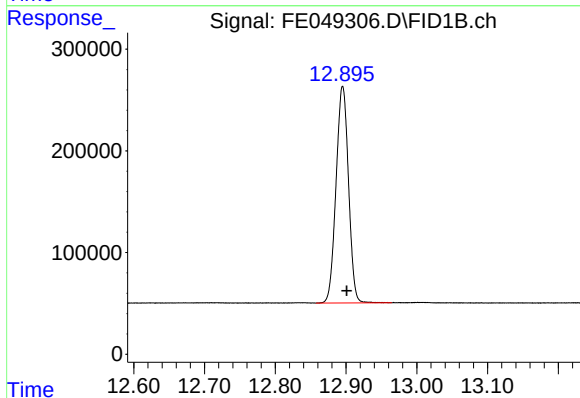
R.T.: 11.587 min
Delta R.T.: -0.006 min
Response: 2722171
Conc: 17.93 ug/ml



#9 ortho-Terphenyl (SURR)

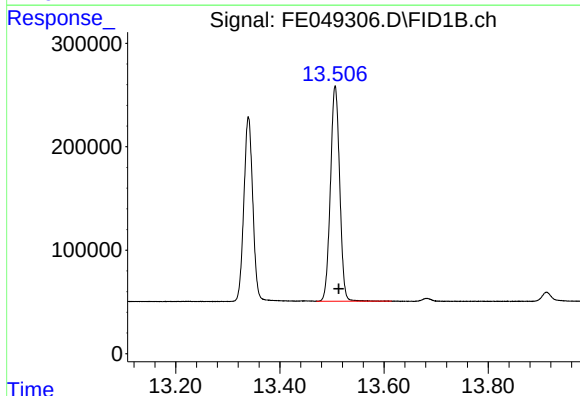
R.T.: 11.905 min
Delta R.T.: -0.006 min
Response: 2778414
Conc: 17.91 ug/ml

Instrument :
FID_E
ClientSampleId :



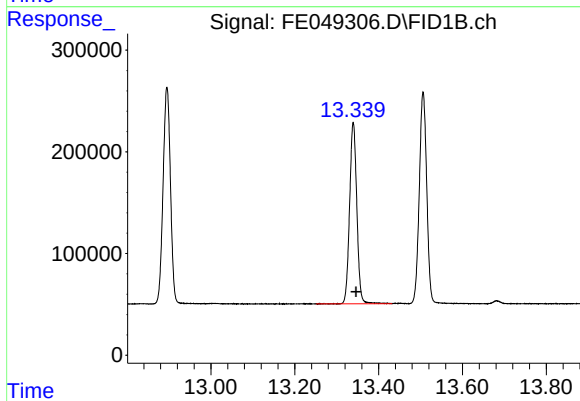
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.006 min
Response: 2600339
Conc: 17.98 ug/ml



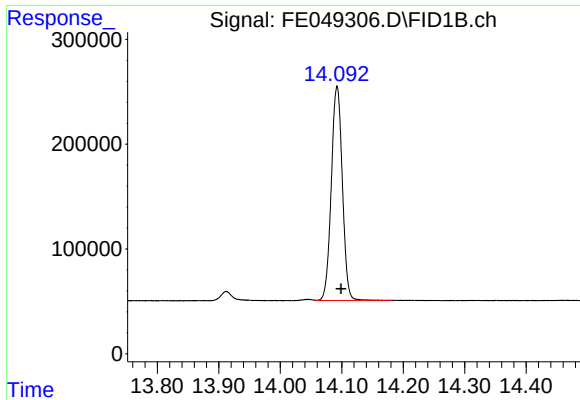
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.007 min
Response: 2561062
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

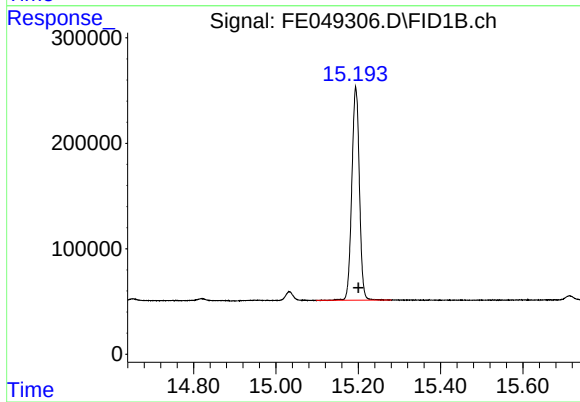
R.T.: 13.340 min
Delta R.T.: -0.007 min
Response: 2132932
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

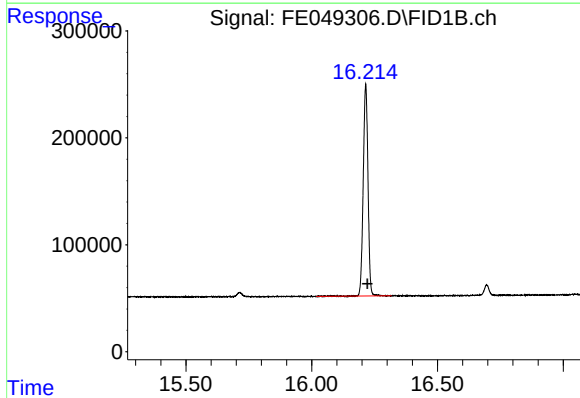
R.T.: 14.092 min
Delta R.T.: -0.007 min
Response: 2551949
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :



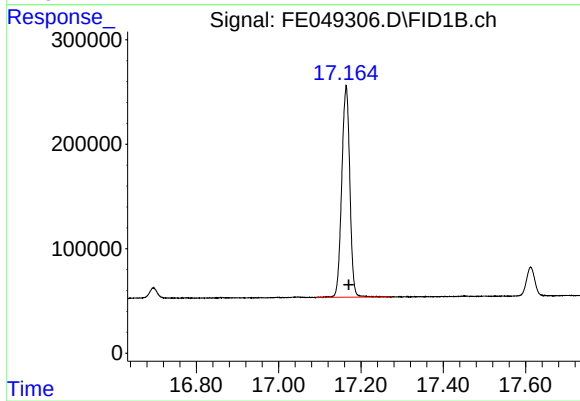
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.006 min
Response: 2583658
Conc: 18.43 ug/ml



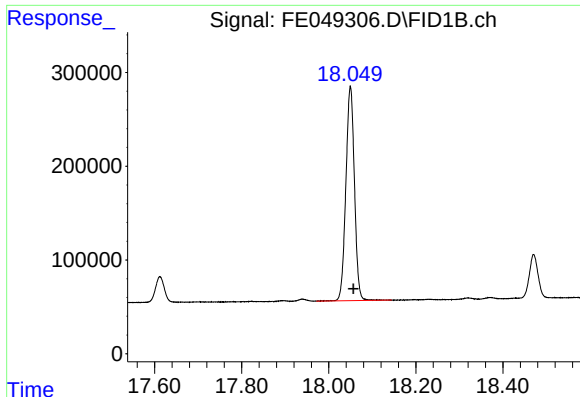
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.006 min
Response: 2604098
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

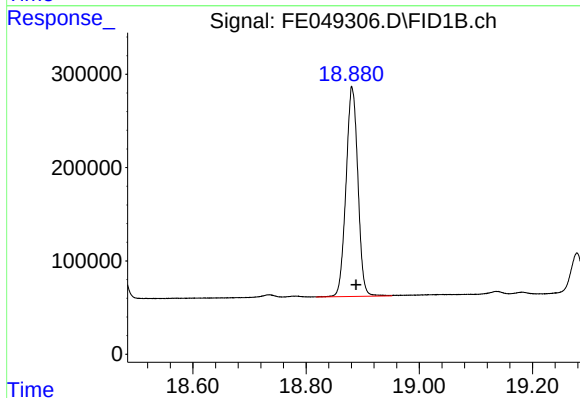
R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 2750637
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

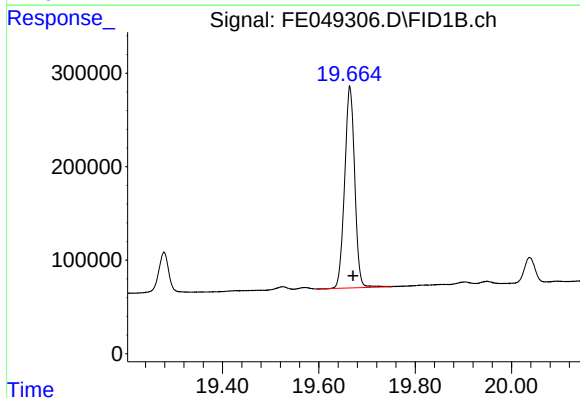
R.T.: 18.050 min
Delta R.T.: -0.007 min
Response: 3121714
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :



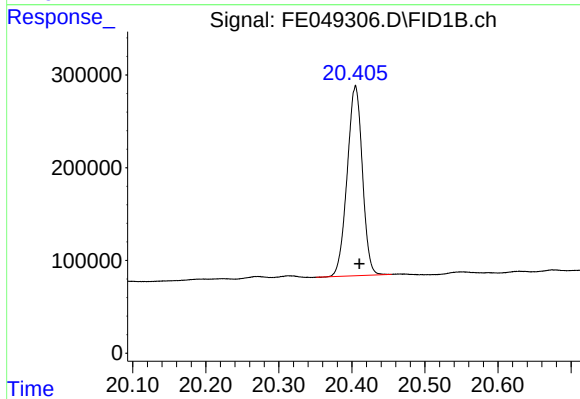
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.007 min
Response: 3272975
Conc: 22.26 ug/ml



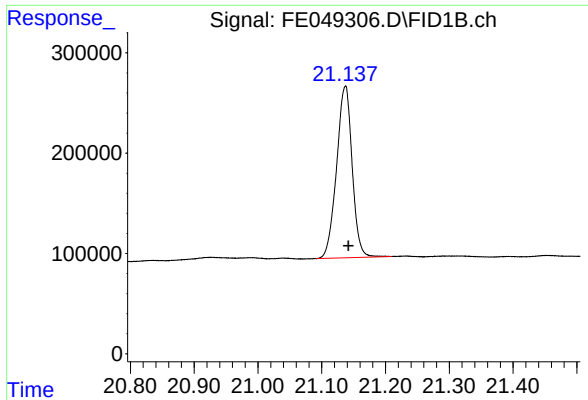
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.006 min
Response: 3136903
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

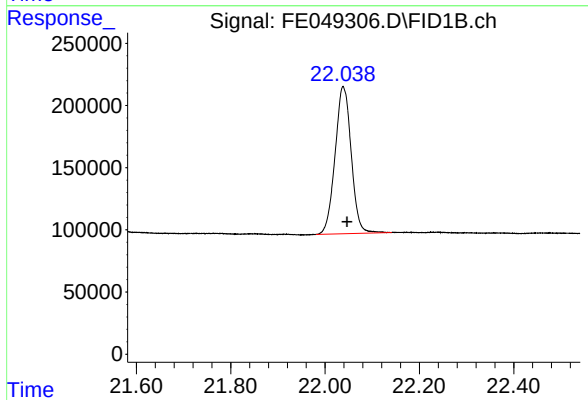
R.T.: 20.405 min
Delta R.T.: -0.006 min
Response: 2960878
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.005 min
Response: 2906698
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.008 min
Response: 2807386
Conc: 18.60 ug/ml