

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016754.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 00:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 03:14:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 2025
 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)	12.048	2991646	19.157 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	13.493	2337250	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.373	2402624	19.367 ug/ml
2) T n-Decane (C10)	4.633	2449583	19.360 ug/ml
3) T A~Naphthalene (C11.7)	6.351	2583903	19.484 ug/ml
4) T n-Dodecane (C12)	6.814	2475228	19.351 ug/ml
5) T A~2-methylnaphthalene...	7.454	2433086	19.751 ug/ml
6) T n-Tetradecane (C14)	8.653	2454013	19.434 ug/ml
7) T n-Hexadecane (C16)	10.272	2575663	19.326 ug/ml
8) T n-Octadecane (C18)	11.726	2691757	19.137 ug/ml
10) T n-Eicosane (C20)	13.044	2666691	18.965 ug/ml
11) T n-Heneicosane (C21)	13.660	2651771	19.013 ug/ml
13) T n-Docosane (C22)	14.251	2667551	18.775 ug/ml
14) T n-Tetracosane (C24)	15.362	2714344	18.333 ug/ml
15) T n-Hexacosane (C26)	16.390	2702842	18.172 ug/ml
16) T n-Octacosane (C28)	17.345	2651132	17.970 ug/ml
17) T n-Tricontane (C30)	18.237	2659524	17.877 ug/ml
18) T n-Dotriacontane (C32)	19.076	2513415	17.730 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2268691	18.273 ug/ml
20) T n-Hexatriacontane (C36)	20.607	1947312	18.891 ug/ml
21) T n-Octatriacontane (C38)	21.383	1747255	19.197 ug/ml
22) T n-Tetracontane (C40)	22.372	1611496	19.198 ug/ml

(f)=RT Delta > 1/2 Window

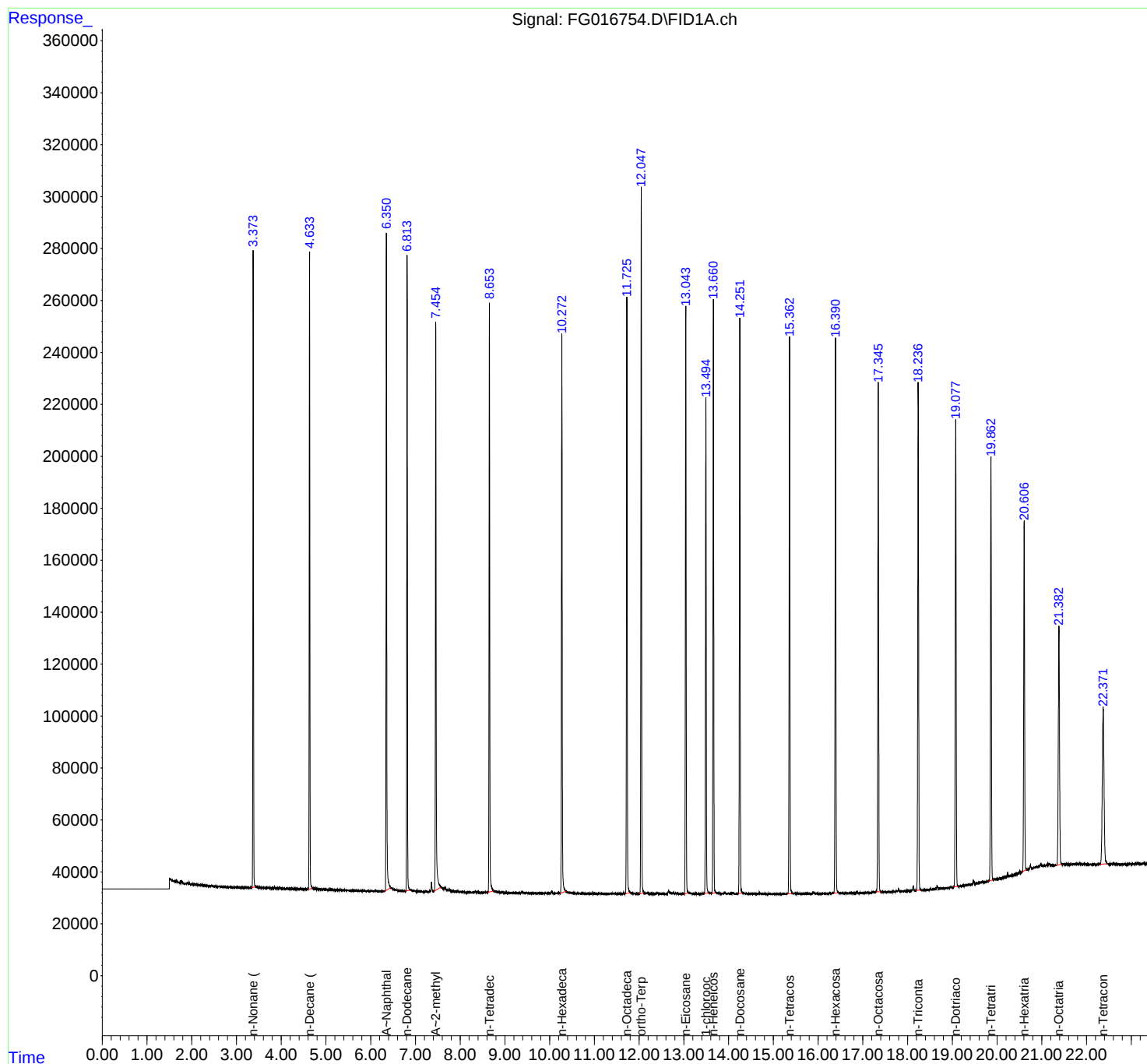
(m)=manual int.

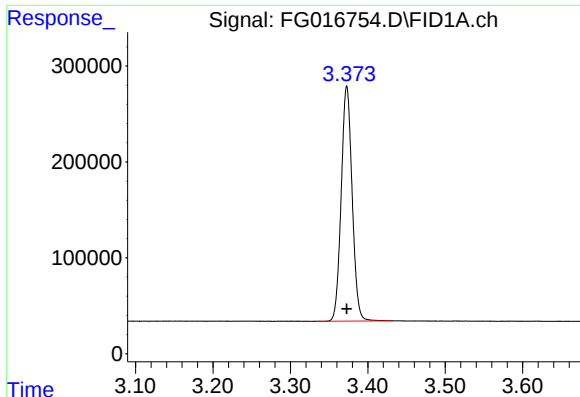
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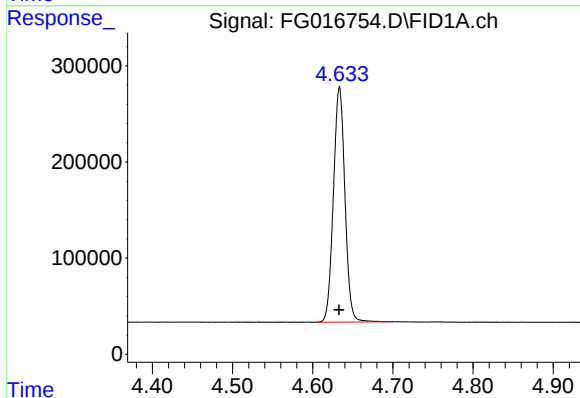




#1 n-Nonane (C9)

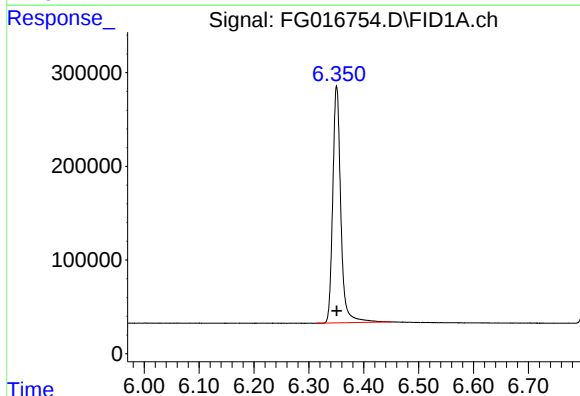
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 2402624
Conc: 19.37 ug/ml

Instrument :
FID_G
ClientSampleId :



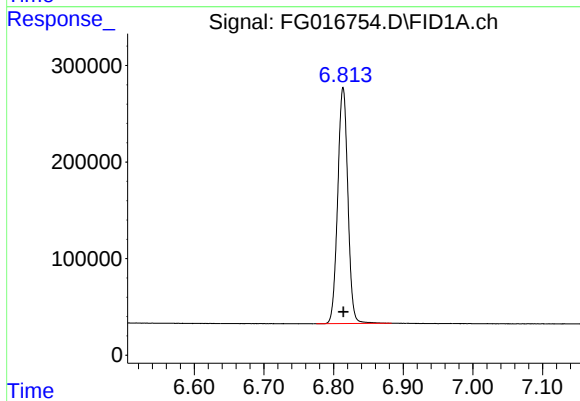
#2 n-Decane (C10)

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 2449583
Conc: 19.36 ug/ml



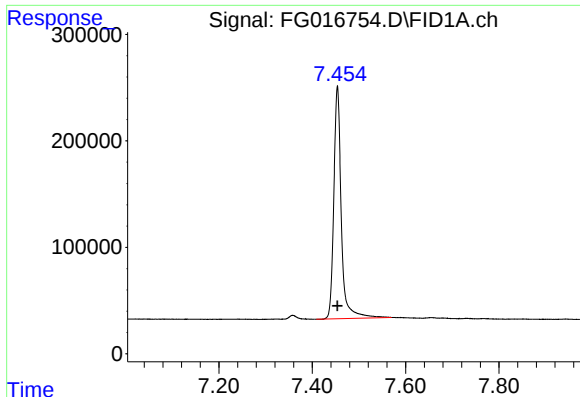
#3 A~Naphthalene (C11.7)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 2583903
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

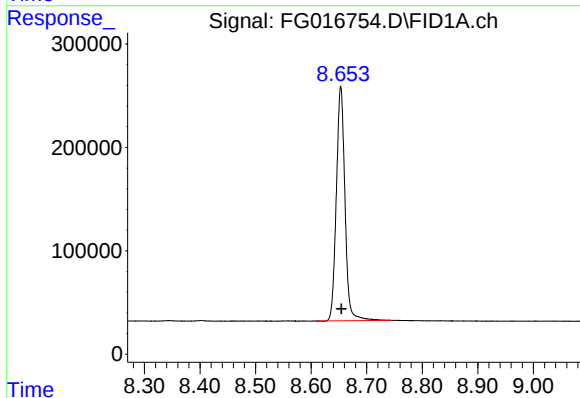
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 2475228
Conc: 19.35 ug/ml



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

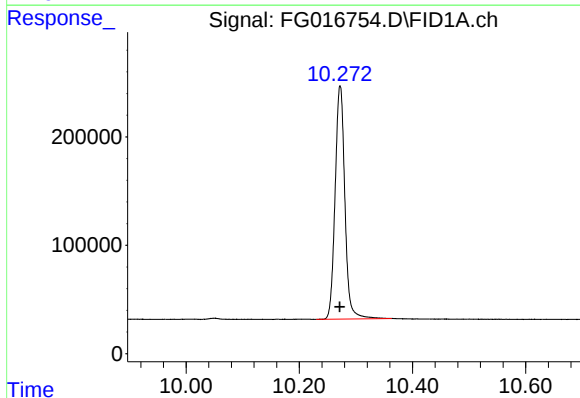
R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 2433086
Conc: 19.75 ug/ml

Instrument :
FID_G
ClientSampleId :



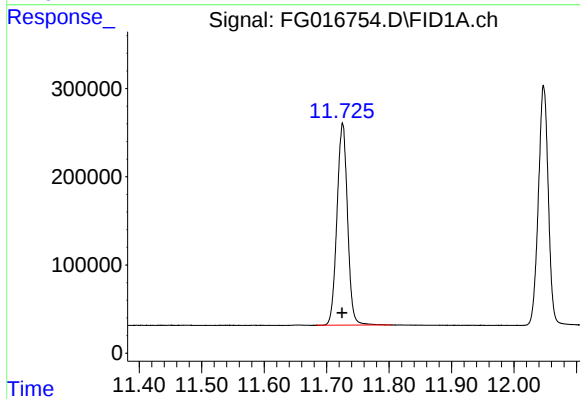
#6 n-Tetradecane (C14)

R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 2454013
Conc: 19.43 ug/ml



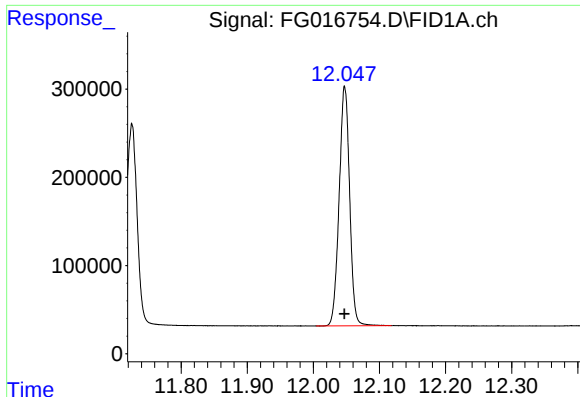
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 2575663
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

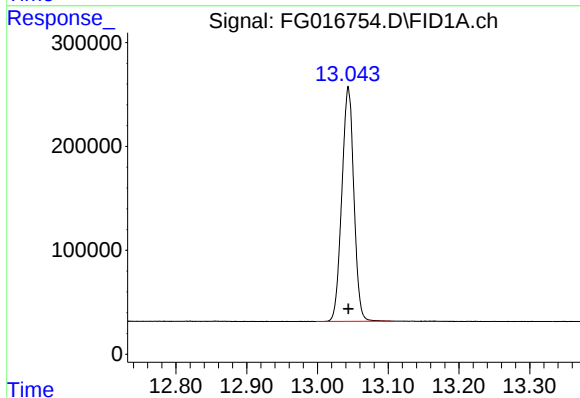
R.T.: 11.726 min
Delta R.T.: 0.000 min
Response: 2691757
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

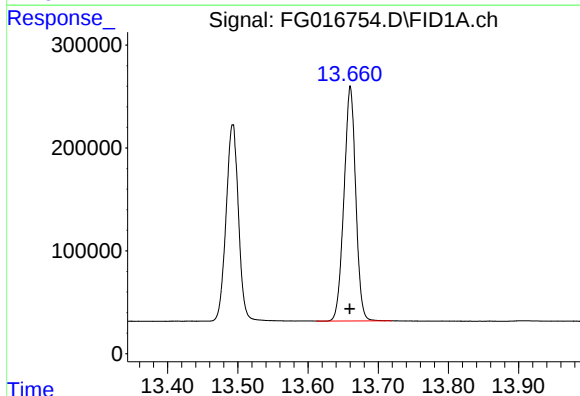
R.T.: 12.048 min
Delta R.T.: 0.000 min
Response: 2991646
Conc: 19.16 ug/ml

Instrument :
FID_G
ClientSampleId :



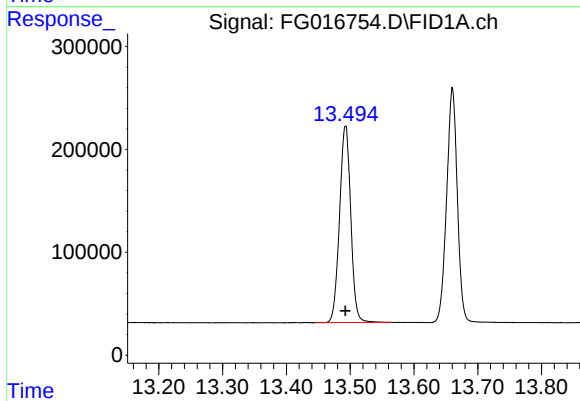
#10 n-Eicosane (C20)

R.T.: 13.044 min
Delta R.T.: 0.000 min
Response: 2666691
Conc: 18.97 ug/ml



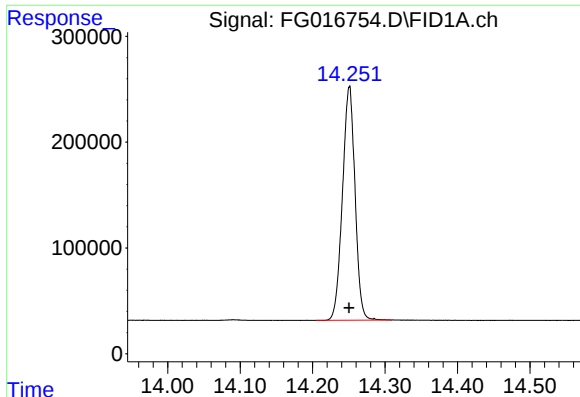
#11 n-Heneicosane (C21)

R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 2651771
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

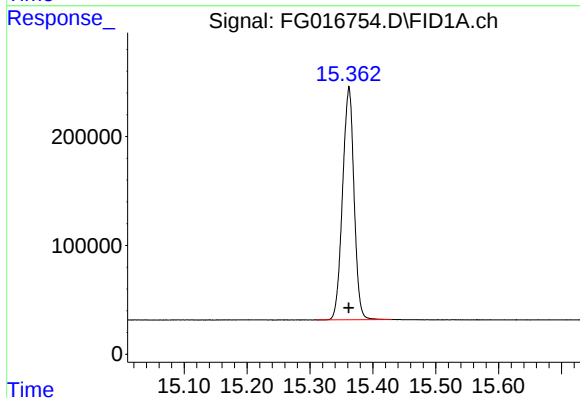
R.T.: 13.493 min
Delta R.T.: 0.000 min
Response: 2337250
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

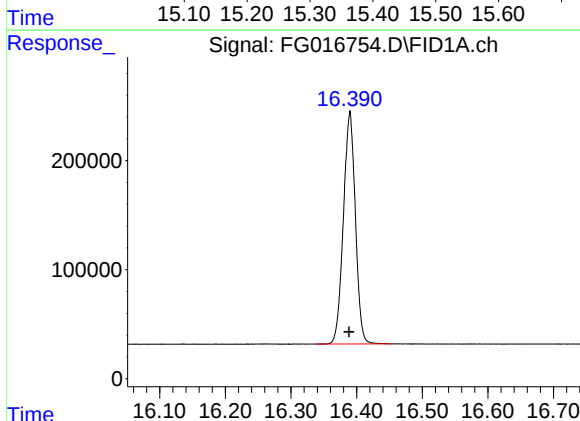
R.T.: 14.251 min
Delta R.T.: 0.000 min
Response: 2667551
Conc: 18.77 ug/ml

Instrument :
FID_G
ClientSampleId :



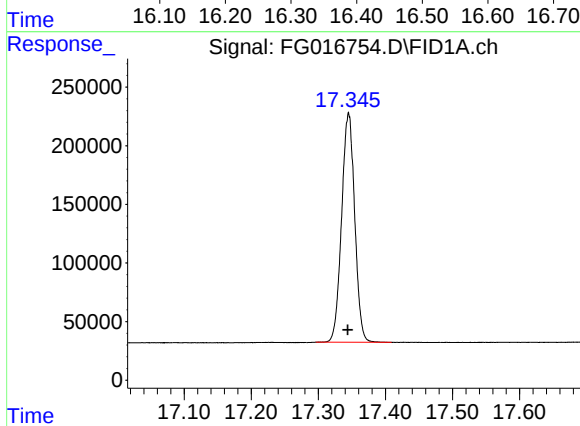
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: 0.000 min
Response: 2714344
Conc: 18.33 ug/ml



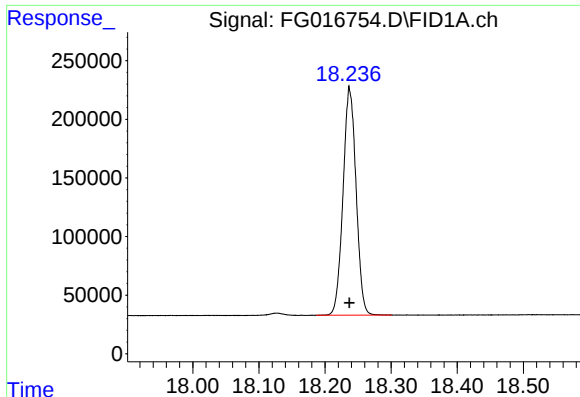
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: 0.001 min
Response: 2702842
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

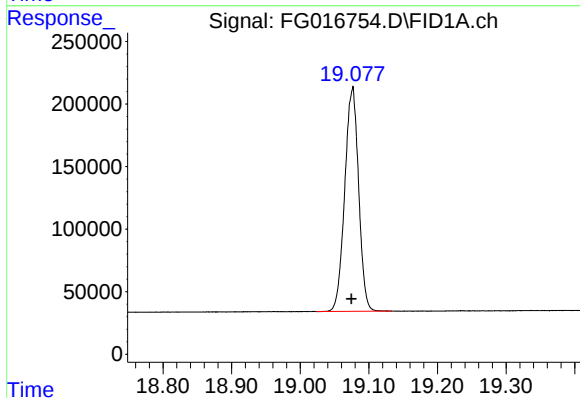
R.T.: 17.345 min
Delta R.T.: 0.001 min
Response: 2651132
Conc: 17.97 ug/ml



#17 n-Tricontane (C30)

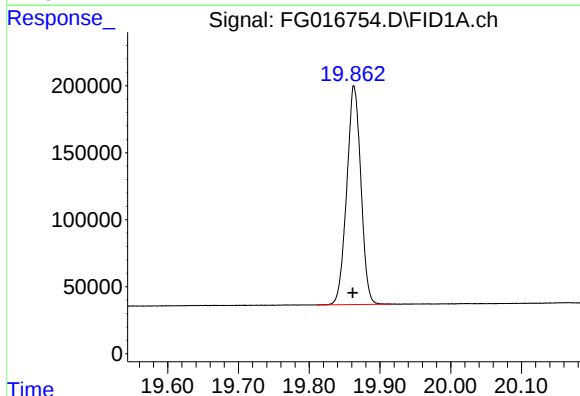
R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2659524
Conc: 17.88 ug/ml

Instrument :
FID_G
ClientSampleId :



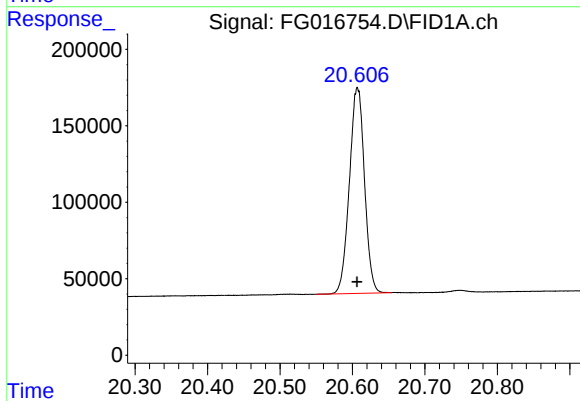
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 2513415
Conc: 17.73 ug/ml



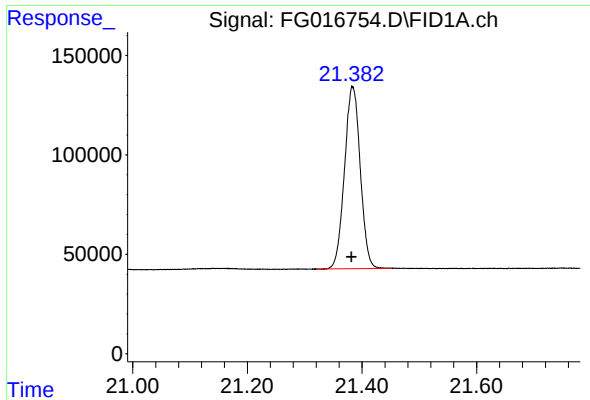
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.002 min
Response: 2268691
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

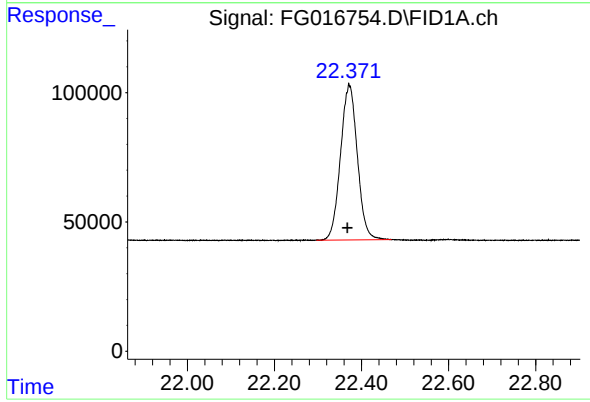
R.T.: 20.607 min
Delta R.T.: 0.000 min
Response: 1947312
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: 0.002 min
Response: 1747255
Conc: 19.20 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: 0.004 min
Response: 1611496
Conc: 19.20 ug/ml