

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016266.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 16:26
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 29 03:23:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 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)	11.977	774930	5.401 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
12) S 1-chlorooctadecane (S...	13.418	592312	5.329 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
Target Compounds			
1) T n-Nonane (C9)	3.334	630346	5.437 ug/ml
2) T n-Decane (C10)	4.595	627169	5.322 ug/ml
3) T A~Naphthalene (C11.7)	6.305	686429	5.284 ug/ml
4) T n-Dodecane (C12)	6.771	635876	5.335 ug/ml
5) T A~2-methylnaphthalene...	7.405	668947	5.287 ug/ml
6) T n-Tetradecane (C14)	8.605	642396	5.377 ug/ml
7) T n-Hexadecane (C16)	10.215	663624	5.356 ug/ml
8) T n-Octadecane (C18)	11.660	689221	5.343 ug/ml
10) T n-Eicosane (C20)	12.973	684861	5.376 ug/ml
11) T n-Heneicosane (C21)	13.586	681307	5.387 ug/ml
13) T n-Docosane (C22)	14.173	677901	5.352 ug/ml
14) T n-Tetracosane (C24)	15.279	685708	5.371 ug/ml
15) T n-Hexacosane (C26)	16.303	664595	5.319 ug/ml
16) T n-Octacosane (C28)	17.255	657220	5.349 ug/ml
17) T n-Tricontane (C30)	18.145	680791	5.436 ug/ml
18) T n-Dotriacontane (C32)	18.980	677307	5.584 ug/ml
19) T n-Tetratriacontane (C34)	19.766	605465	5.512 ug/ml
20) T n-Hexatriacontane (C36)	20.508	509644	5.424 ug/ml
21) T n-Octatriacontane (C38)	21.269	456870	5.432 ug/ml
22) T n-Tetracontane (C40)	22.221	416549	5.311 ug/ml

(f)=RT Delta > 1/2 Window

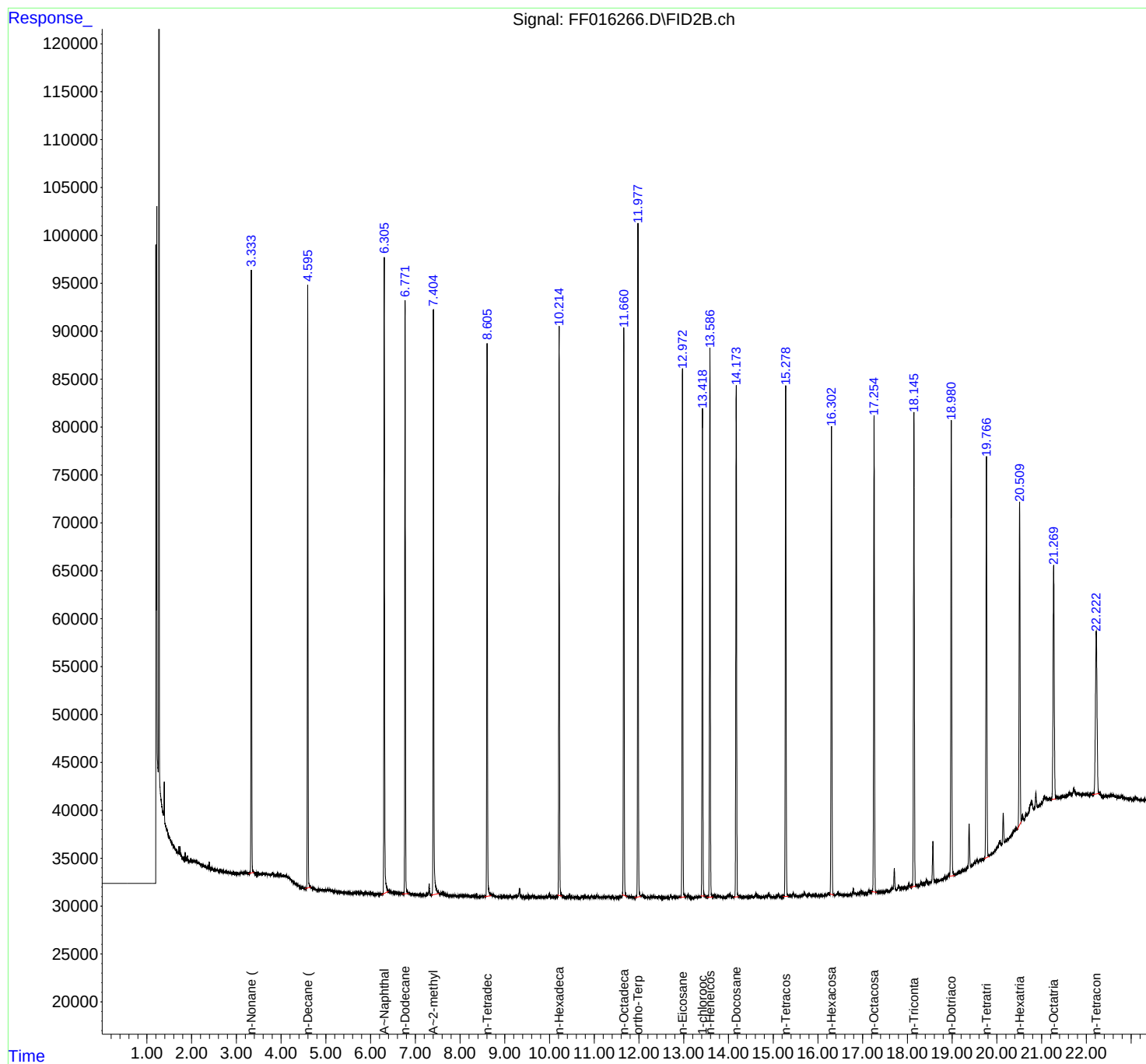
(m)=manual int.

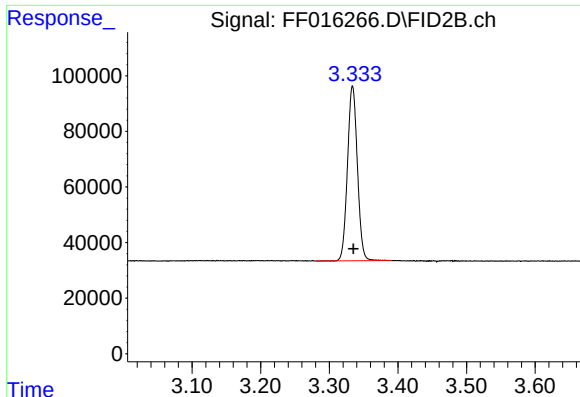
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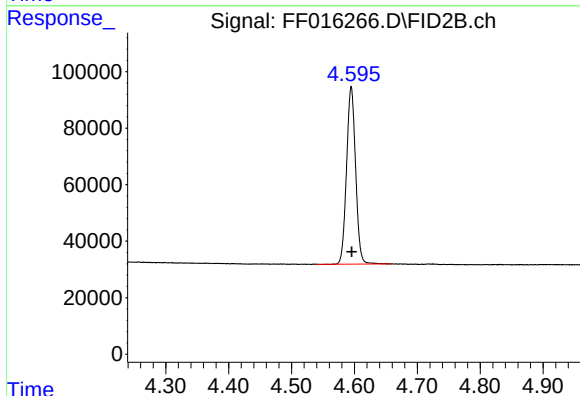




#1 n-Nonane (C9)

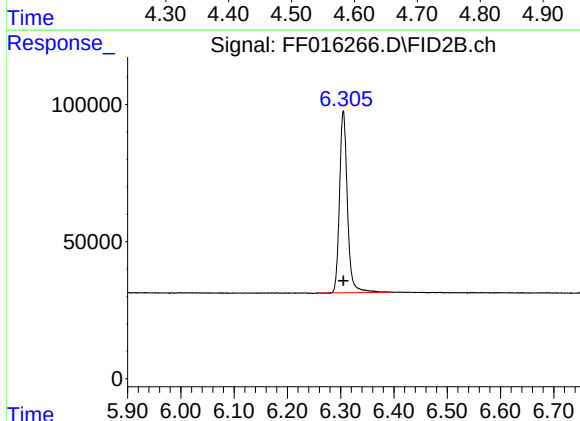
R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 630346
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :



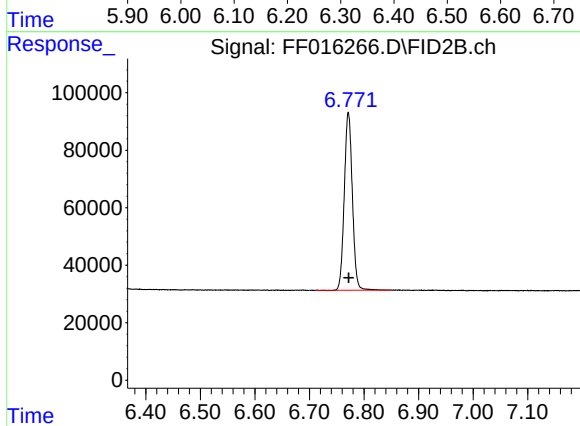
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 627169
Conc: 5.32 ug/ml



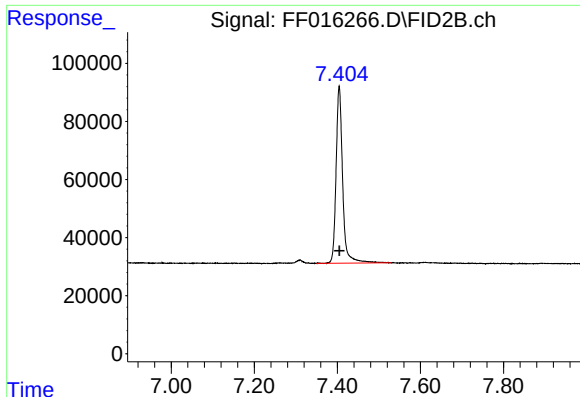
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 686429
Conc: 5.28 ug/ml



#4 n-Dodecane (C12)

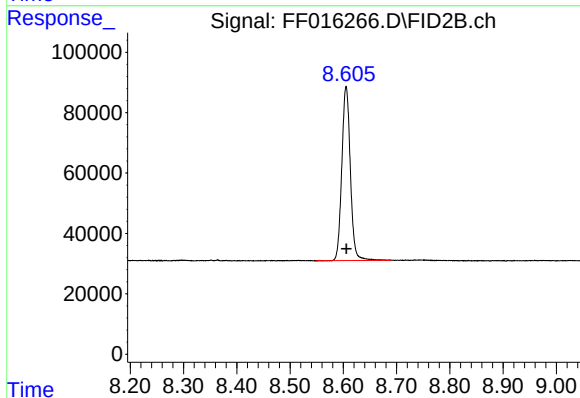
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 635876
Conc: 5.34 ug/ml



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

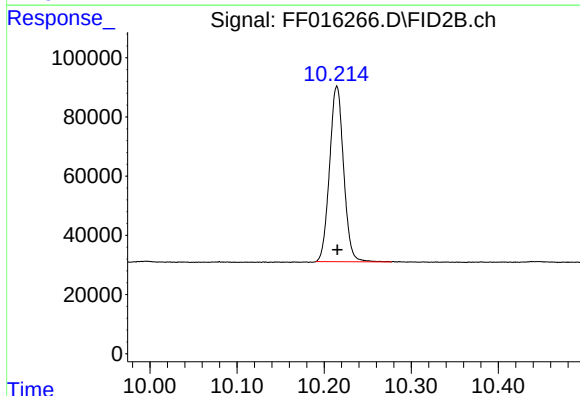
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 668947
Conc: 5.29 ug/ml

Instrument :
FID_F
ClientSampleId :



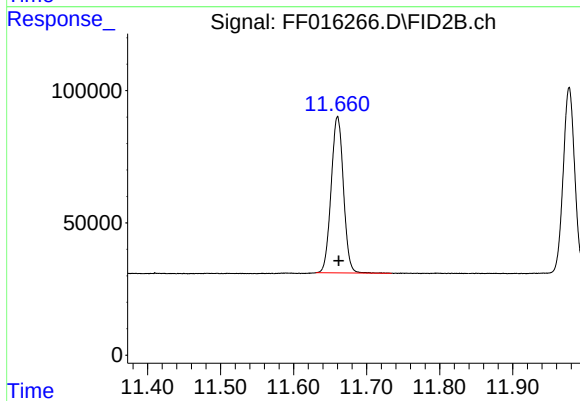
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 642396
Conc: 5.38 ug/ml



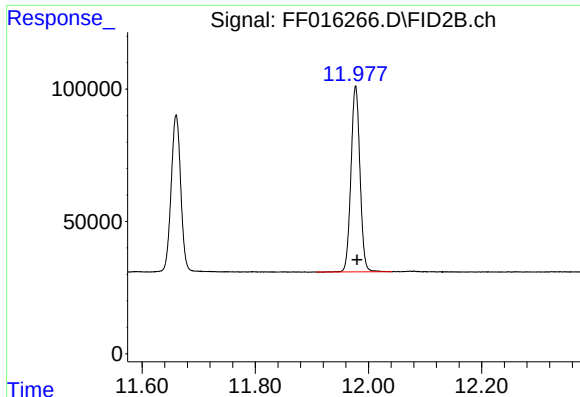
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 663624
Conc: 5.36 ug/ml



#8 n-Octadecane (C18)

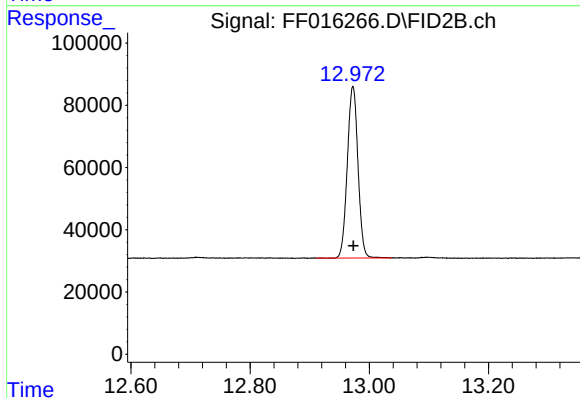
R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 689221
Conc: 5.34 ug/ml



#9 ortho-Terphenyl (SURR)

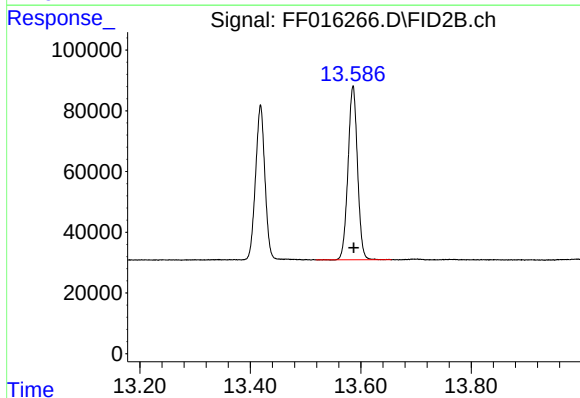
R.T.: 11.977 min
Delta R.T.: -0.002 min
Response: 774930
Conc: 5.40 ug/ml

Instrument :
FID_F
ClientSampleId :



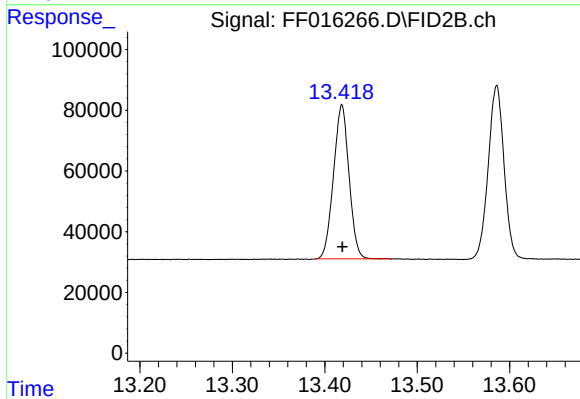
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 684861
Conc: 5.38 ug/ml



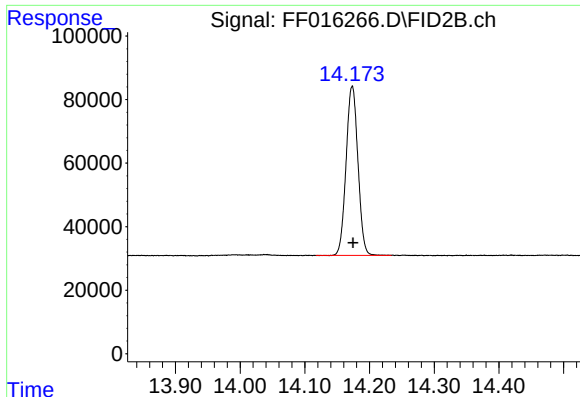
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: -0.002 min
Response: 681307
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

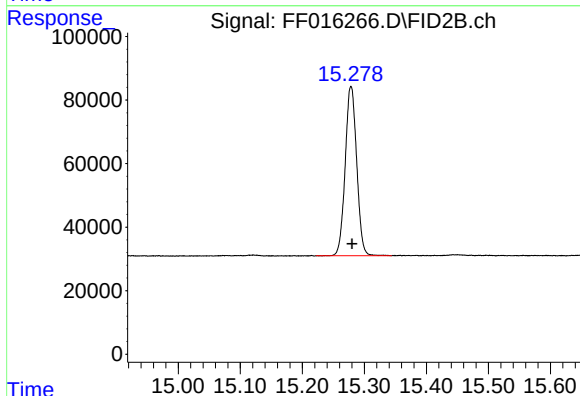
R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 592312
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

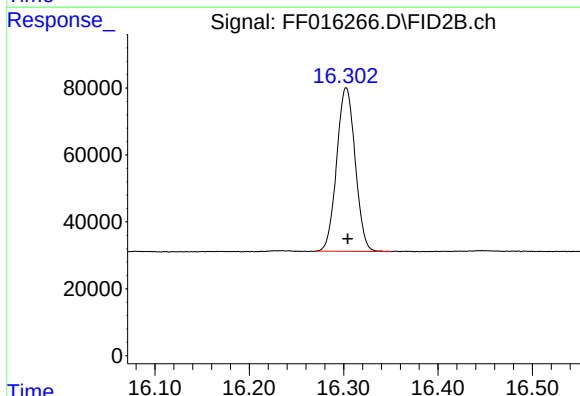
R.T.: 14.173 min
Delta R.T.: -0.001 min
Response: 677901
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :



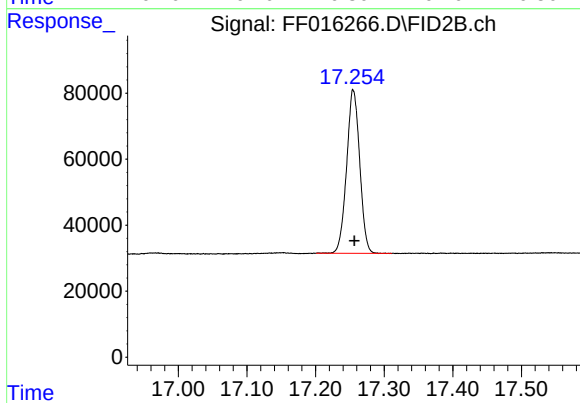
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: -0.002 min
Response: 685708
Conc: 5.37 ug/ml



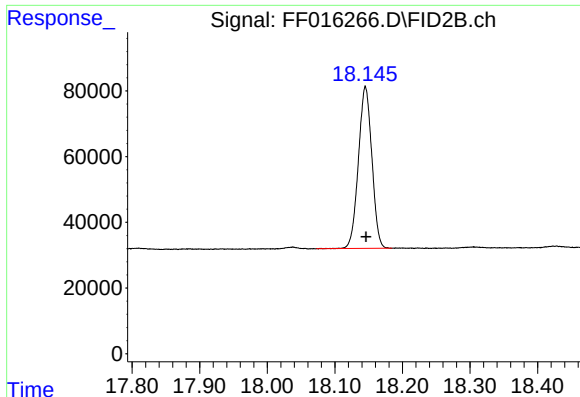
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: -0.001 min
Response: 664595
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

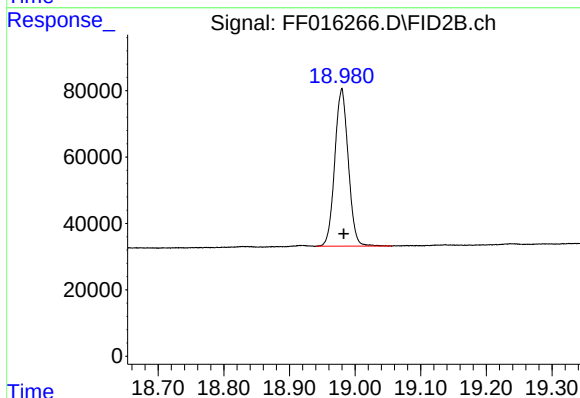
R.T.: 17.255 min
Delta R.T.: -0.001 min
Response: 657220
Conc: 5.35 ug/ml



#17 n-Tricontane (C30)

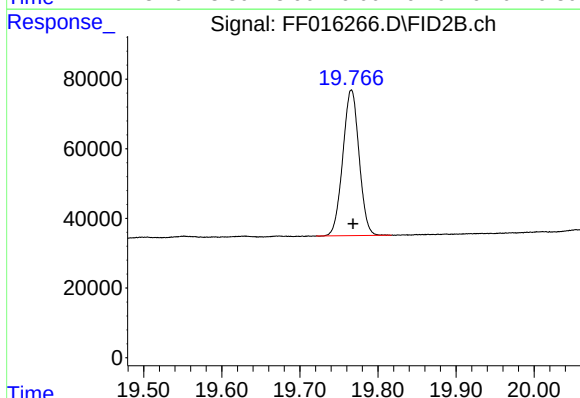
R.T.: 18.145 min
Delta R.T.: -0.001 min
Response: 680791
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :



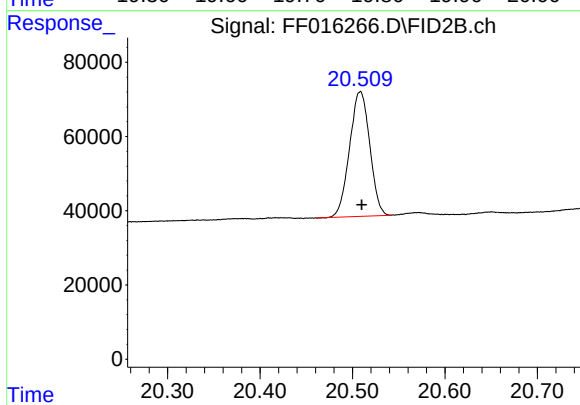
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: -0.003 min
Response: 677307
Conc: 5.58 ug/ml



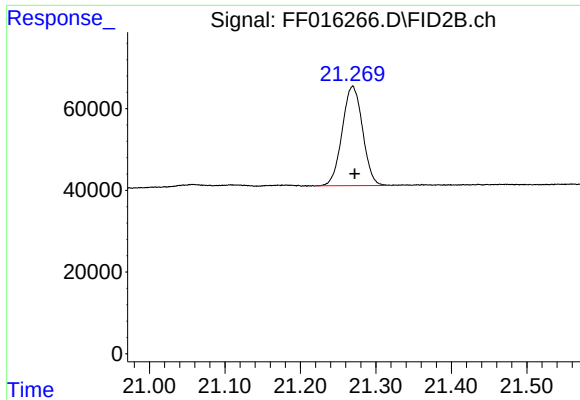
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 605465
Conc: 5.51 ug/ml



#20 n-Hexatriacontane (C36)

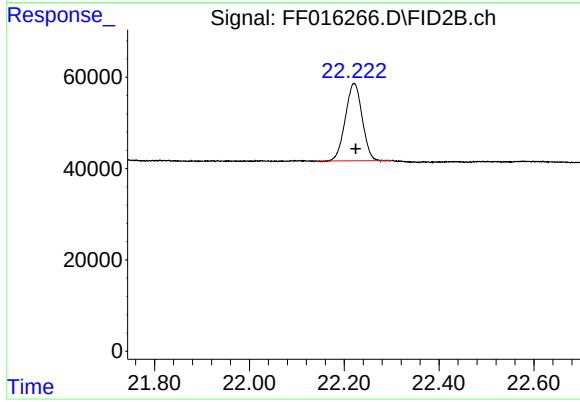
R.T.: 20.508 min
Delta R.T.: -0.002 min
Response: 509644
Conc: 5.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 456870
Conc: 5.43 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.221 min
Delta R.T.: -0.003 min
Response: 416549
Conc: 5.31 ug/ml