

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100325AL\
 Data File : FC069910.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 09:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: sample.E
 Quant Time: Oct 03 07:34:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.643	3841388	20.509 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.077	2976489	18.848 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.386	2561688	19.983 ug/ml
2) T n-Decane (C10)	4.457	2986558	22.476 ug/ml
3) T A~Naphthalene (C11.7)	6.049	3396660	22.881 ug/ml
4) T n-Dodecane (C12)	6.479	3224403	23.114 ug/ml
5) T A~2-methylnaphthalene...	7.107	3413573	23.120 ug/ml
6) T n-Tetradecane (C14)	8.275	3384205	22.817 ug/ml
7) T n-Hexadecane (C16)	9.878	3595066	21.785 ug/ml
8) T n-Octadecane (C18)	11.321	3663574	20.556 ug/ml
10) T n-Eicosane (C20)	12.631	3499513	19.430 ug/ml
11) T n-Heneicosane (C21)	13.244	3381372	18.753 ug/ml
13) T n-Docosane (C22)	13.830	3411950	18.781 ug/ml
14) T n-Tetracosane (C24)	14.934	3532003	19.195 ug/ml
15) T n-Hexacosane (C26)	15.956	3404593	18.752 ug/ml
16) T n-Octacosane (C28)	16.906	3429834	19.429 ug/ml
17) T n-Tricontane (C30)	17.794	3663074	20.928 ug/ml
18) T n-Dotriacontane (C32)	18.627	3661092	22.629 ug/ml
19) T n-Tetratriacontane (C34)	19.411	3160907	22.618 ug/ml
20) T n-Hexatriacontane (C36)	20.150	2543570	22.529 ug/ml
21) T n-Octatriacontane (C38)	20.905	1961502	20.333 ug/ml
22) T n-Tetracontane (C40)	21.854	1506727	17.494 ug/ml

(f)=RT Delta > 1/2 Window

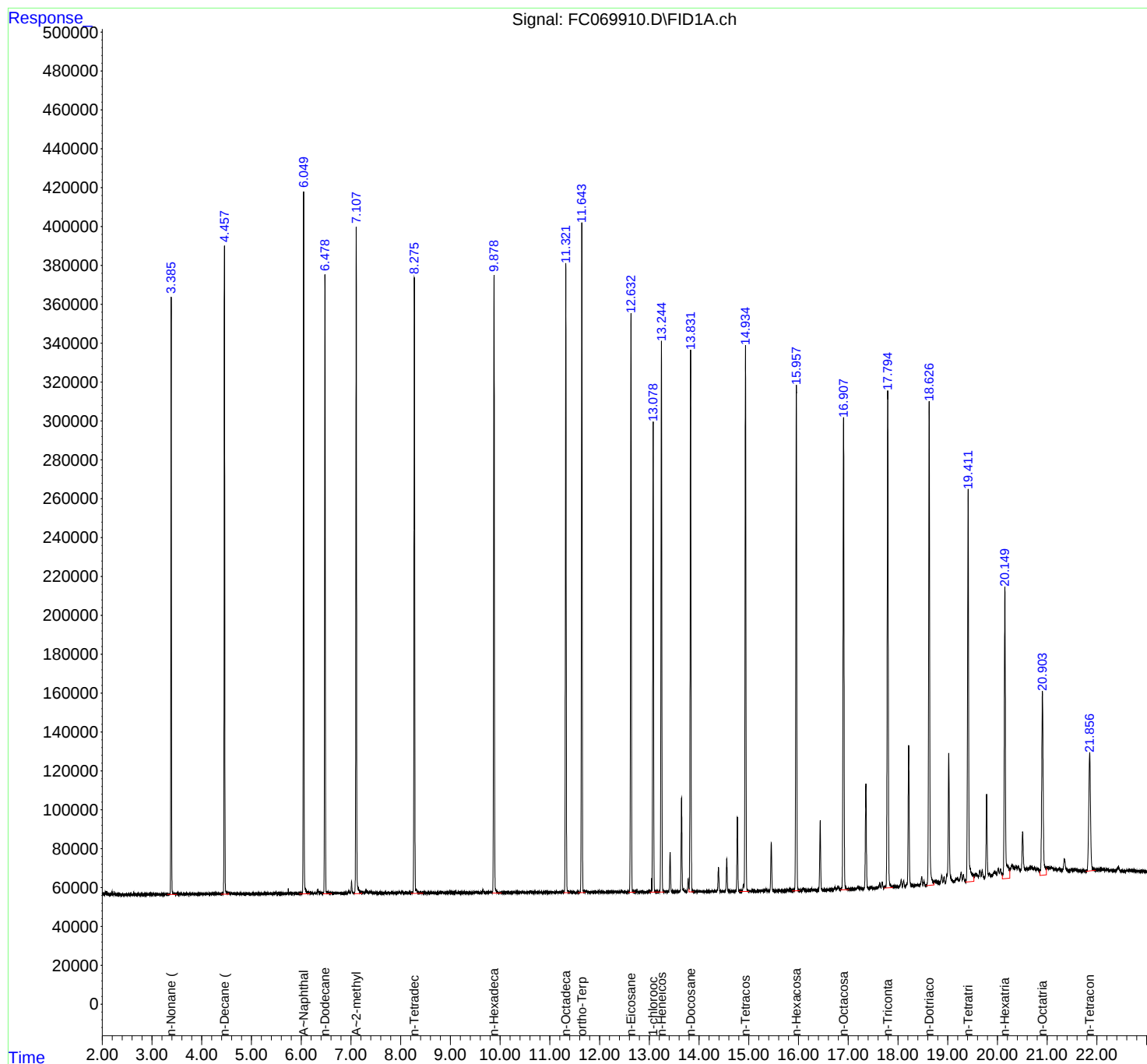
(m)=manual int.

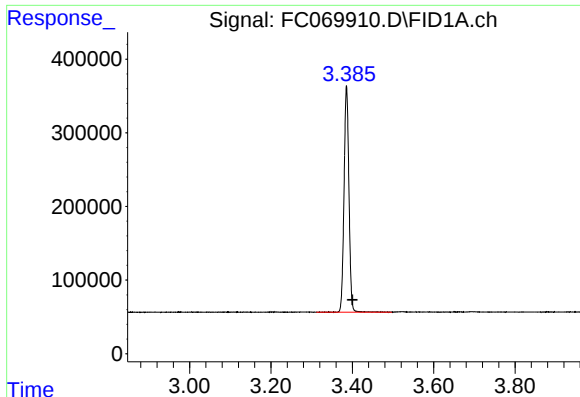
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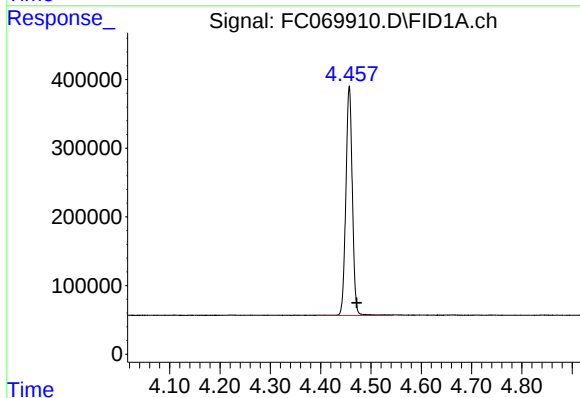




#1 n-Nonane (C9)

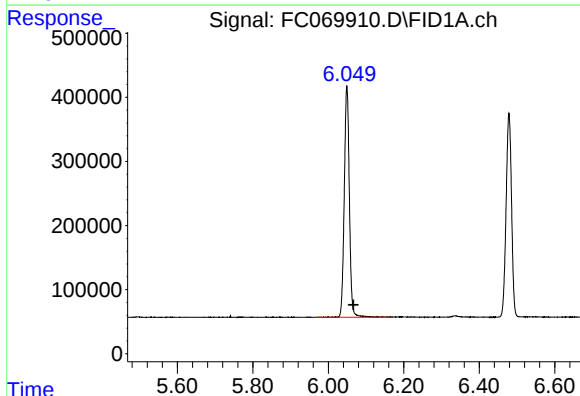
R.T.: 3.386 min
Delta R.T.: -0.014 min
Response: 2561688
Conc: 19.98 ug/ml

Instrument :
FID_F
ClientSampleId :



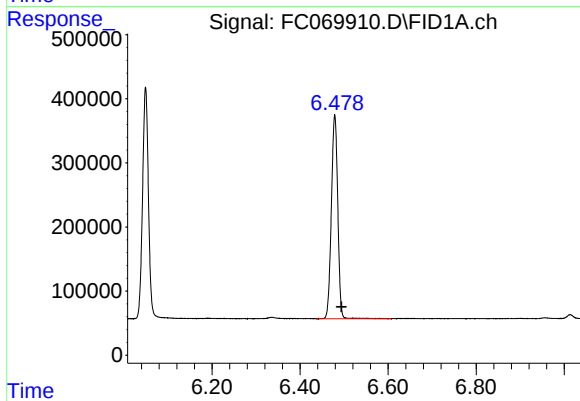
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.015 min
Response: 2986558
Conc: 22.48 ug/ml



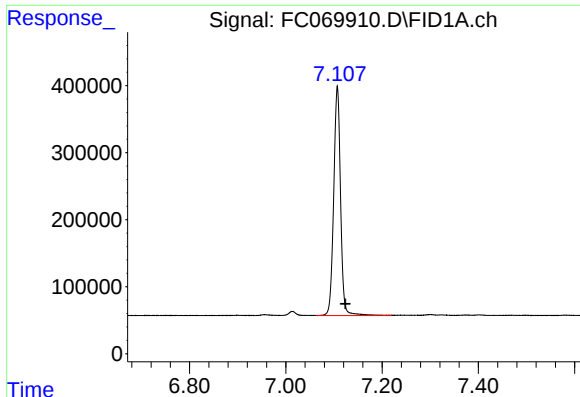
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.017 min
Response: 3396660
Conc: 22.88 ug/ml



#4 n-Dodecane (C12)

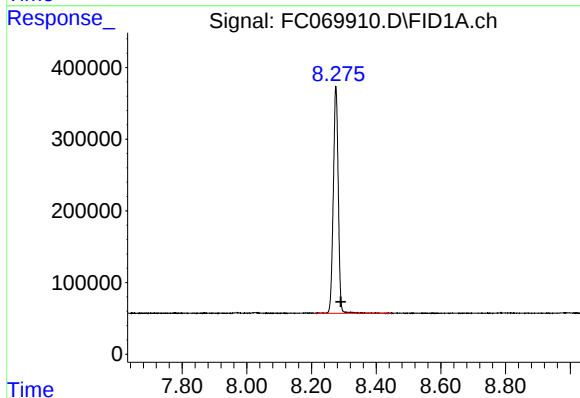
R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 3224403
Conc: 23.11 ug/ml



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

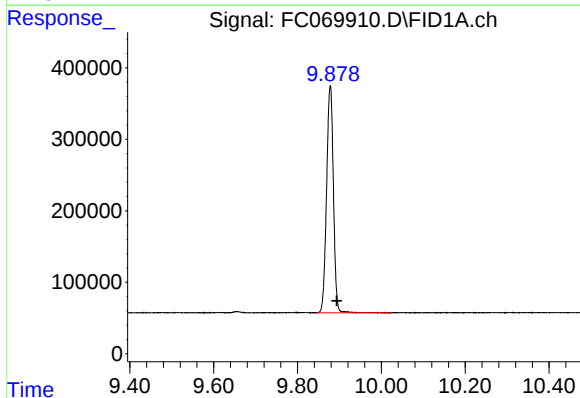
R.T.: 7.107 min
Delta R.T.: -0.017 min
Response: 3413573
Conc: 23.12 ug/ml

Instrument :
FID_F
ClientSampleId :



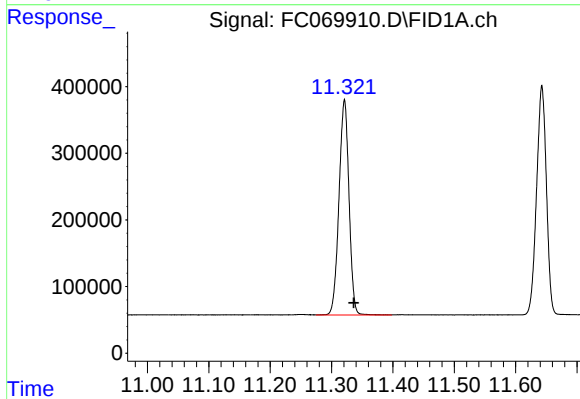
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: -0.015 min
Response: 3384205
Conc: 22.82 ug/ml



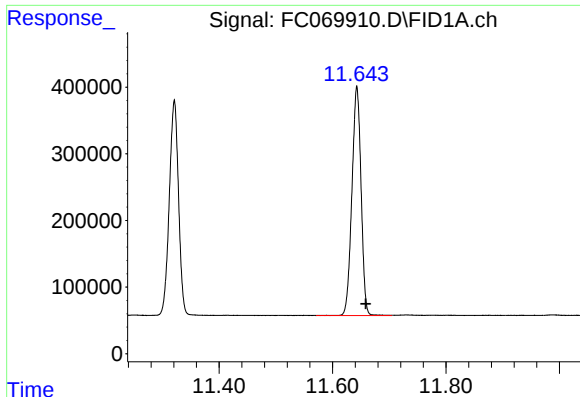
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.016 min
Response: 3595066
Conc: 21.78 ug/ml



#8 n-Octadecane (C18)

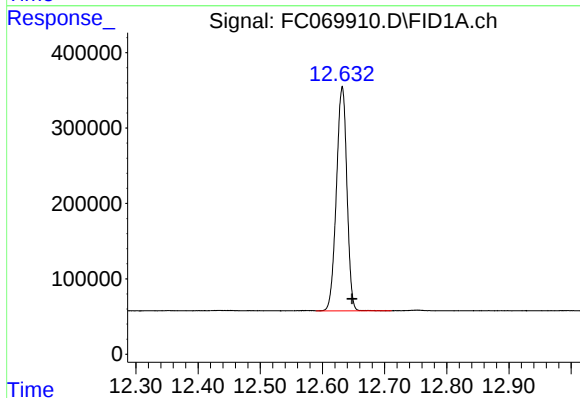
R.T.: 11.321 min
Delta R.T.: -0.016 min
Response: 3663574
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

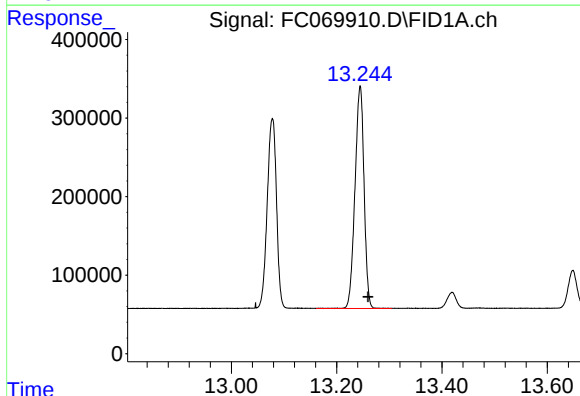
R.T.: 11.643 min
Delta R.T.: -0.016 min
Response: 3841388
Conc: 20.51 ug/ml

Instrument :
FID_F
ClientSampleId :



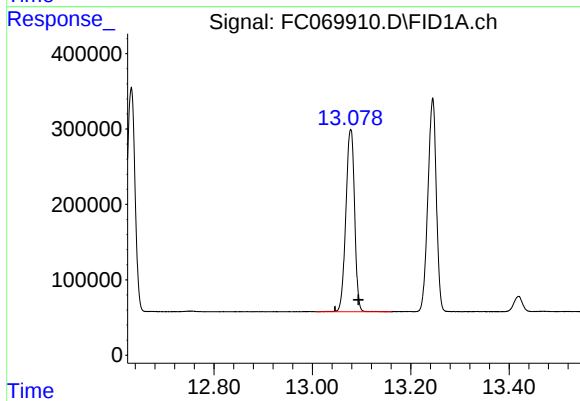
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.016 min
Response: 3499513
Conc: 19.43 ug/ml



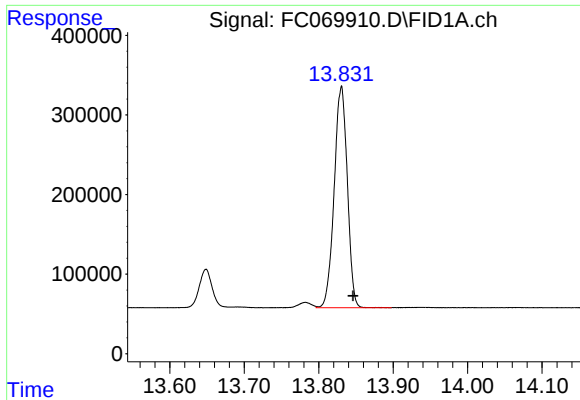
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.015 min
Response: 3381372
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

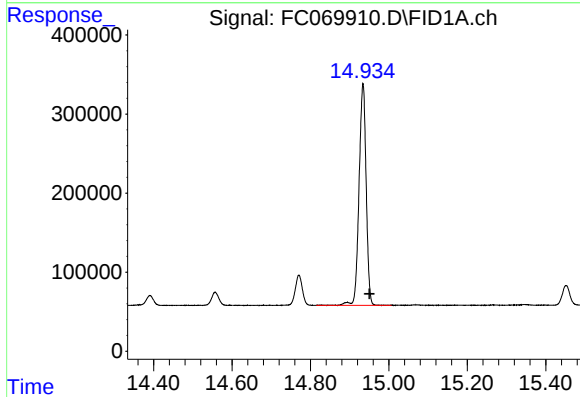
R.T.: 13.077 min
Delta R.T.: -0.016 min
Response: 2976489
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

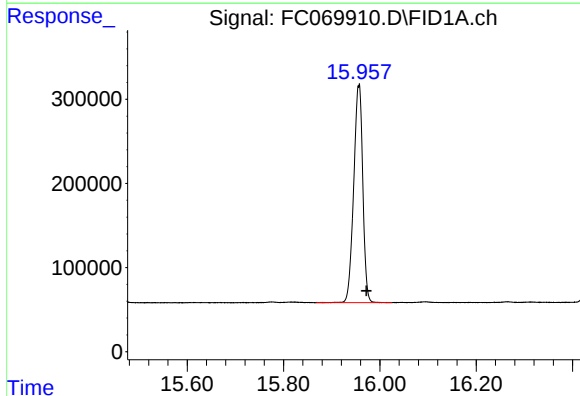
R.T.: 13.830 min
Delta R.T.: -0.016 min
Response: 3411950
Conc: 18.78 ug/ml

Instrument :
FID_F
ClientSampleId :



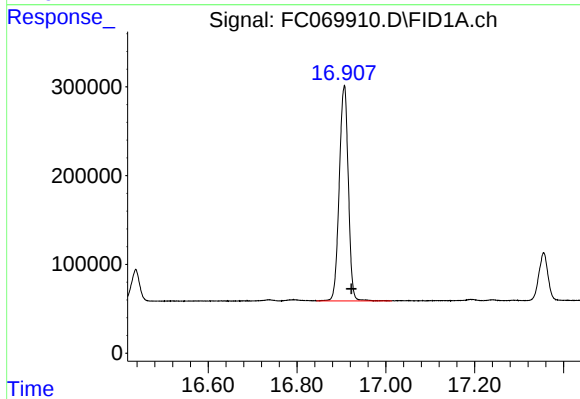
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.017 min
Response: 3532003
Conc: 19.20 ug/ml



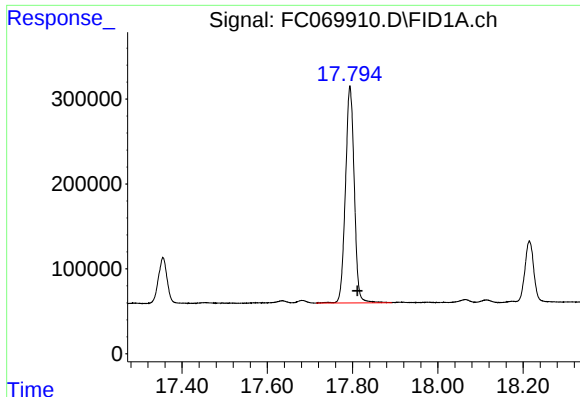
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.017 min
Response: 3404593
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

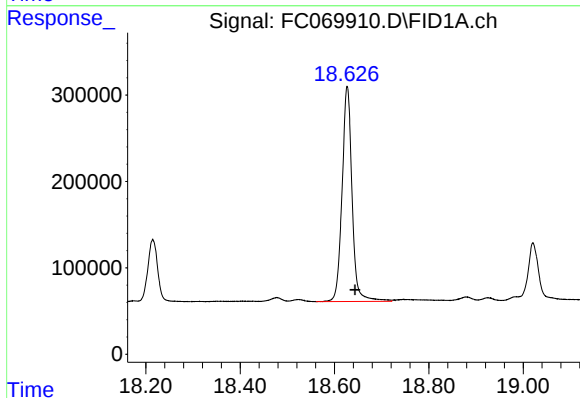
R.T.: 16.906 min
Delta R.T.: -0.017 min
Response: 3429834
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

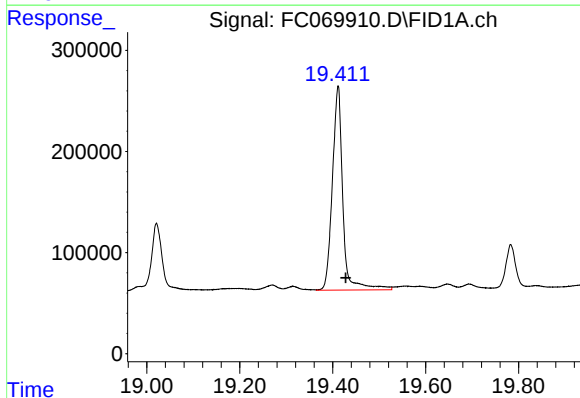
R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 3663074
Conc: 20.93 ug/ml

Instrument :
FID_F
ClientSampleId :



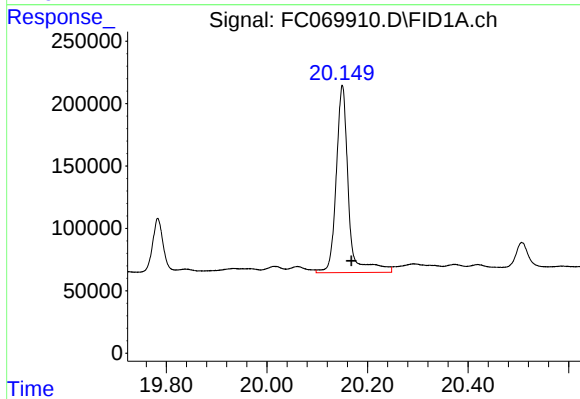
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.017 min
Response: 3661092
Conc: 22.63 ug/ml



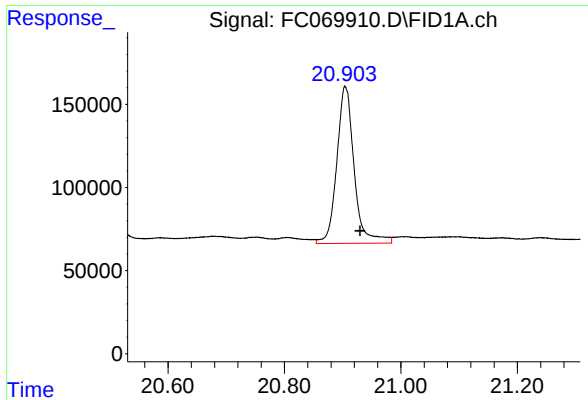
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.017 min
Response: 3160907
Conc: 22.62 ug/ml



#20 n-Hexatriacontane (C36)

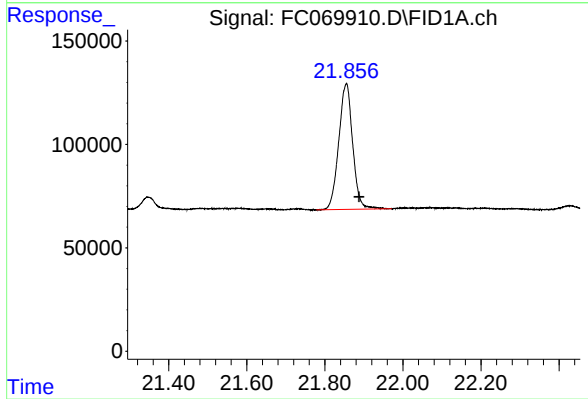
R.T.: 20.150 min
Delta R.T.: -0.019 min
Response: 2543570
Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.905 min
Delta R.T.: -0.025 min
Response: 1961502
Conc: 20.33 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: -0.034 min
Response: 1506727
Conc: 17.49 ug/ml