

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069645.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 21:08
 Operator : YP/AJ
 Sample : PB169207BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169207BS

Integration File: autoint1.e
 Quant Time: Aug 13 01:19:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.665	4914195	32.940 ug/ml
Spiked Amount 50.000		Recovery =	65.88%
12) S 1-chlorooctadecane (S...	13.100	3814315	34.986 ug/ml
Spiked Amount 50.000		Recovery =	69.97%
Target Compounds			
1) T n-Nonane (C9)	3.405	3497611	24.549 ug/ml
2) T n-Decane (C10)	4.474	3846915	26.461 ug/ml
3) T A~Naphthalene (C11.7)	6.065	4720520	30.423 ug/ml
4) T n-Dodecane (C12)	6.495	4315427	29.520 ug/ml
5) T A~2-methylnaphthalene...	7.125	4476785	30.398 ug/ml
6) T n-Tetradecane (C14)	8.296	4424544	31.004 ug/ml
7) T n-Hexadecane (C16)	9.898	4466867	30.986 ug/ml
8) T n-Octadecane (C18)	11.343	4307197	30.458 ug/ml
10) T n-Eicosane (C20)	12.655	4244756	32.224 ug/ml
11) T n-Heneicosane (C21)	13.266	4032805	31.619 ug/ml
13) T n-Docosane (C22)	13.854	3914820	31.338 ug/ml
14) T n-Tetracosane (C24)	14.951	7479290	61.981 ug/ml
15) T n-Hexacosane (C26)	15.983	3574075	30.931 ug/ml
16) T n-Octacosane (C28)	16.932	3428566	30.588 ug/ml
17) T n-Tricontane (C30)	17.823	3399791	29.693 ug/ml
18) T n-Dotriacontane (C32)	18.657	3379524	30.424 ug/ml
19) T n-Tetratriacontane (C34)	19.442	3474796	34.126 ug/ml
20) T n-Hexatriacontane (C36)	20.182	3283820	36.829 ug/ml
21) T n-Octatriacontane (C38)	20.947	3292080	40.925 ug/ml
22) T n-Tetracontane (C40)	21.913	3189359	42.592 ug/ml

(f)=RT Delta > 1/2 Window

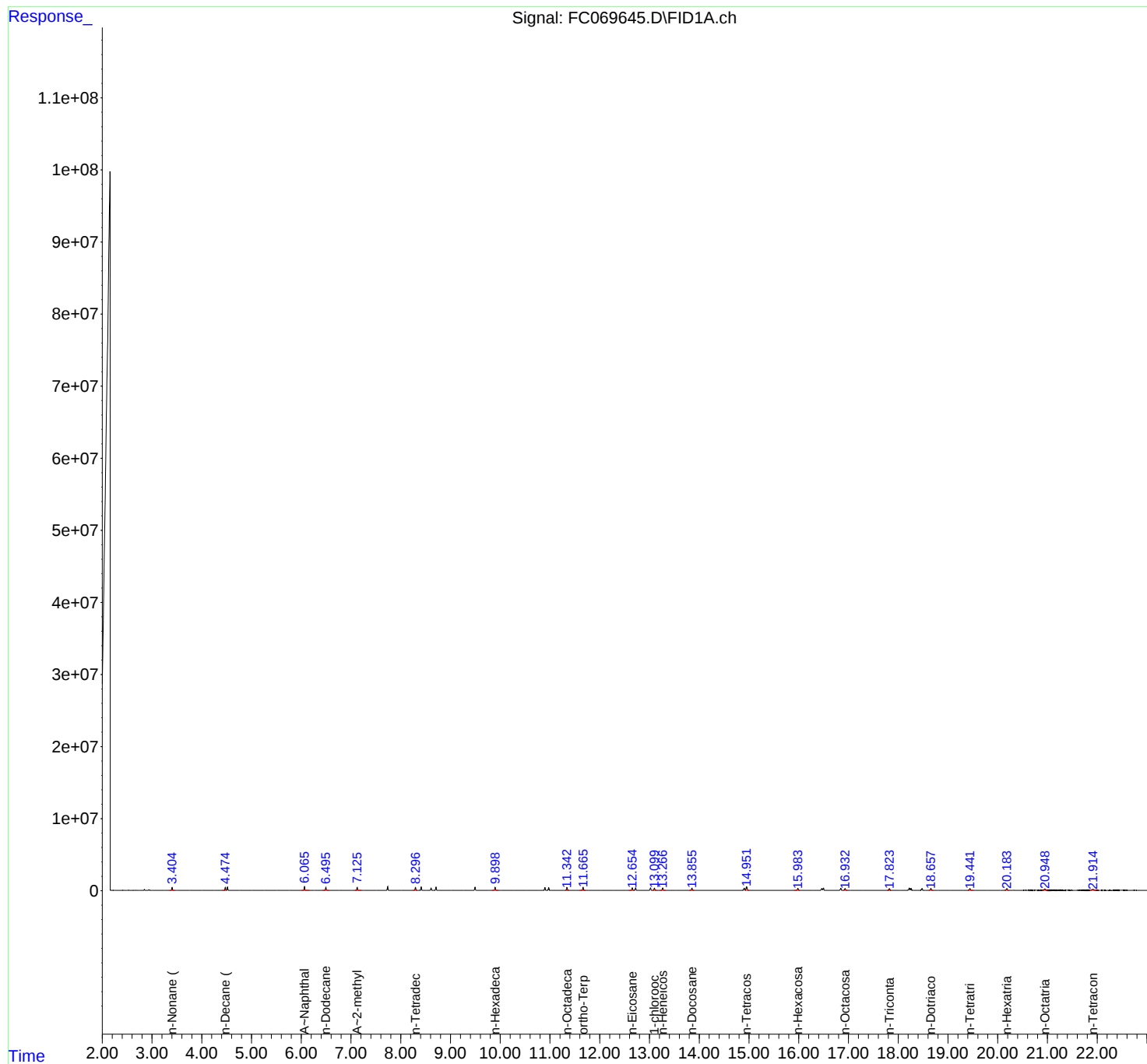
(m)=manual int.

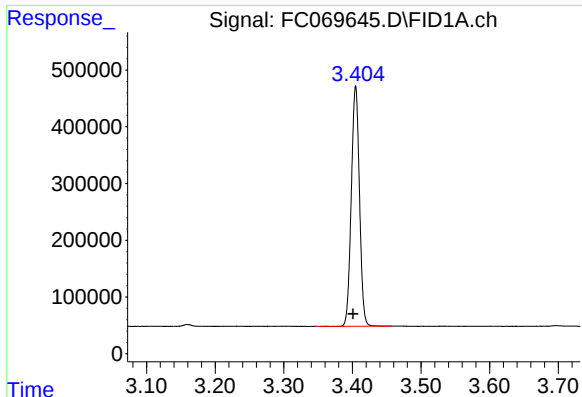
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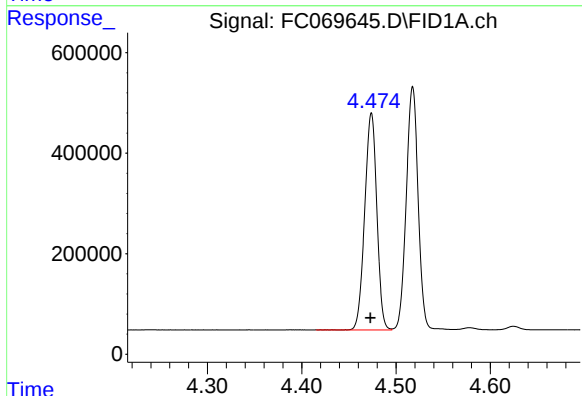




#1 n-Nonane (C9)

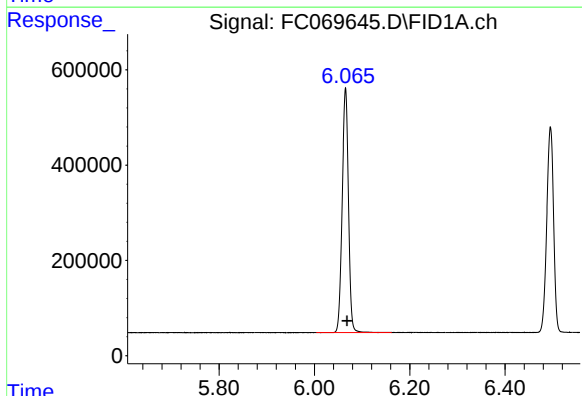
R.T.: 3.405 min
Delta R.T.: 0.004 min
Response: 3497611
Conc: 24.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



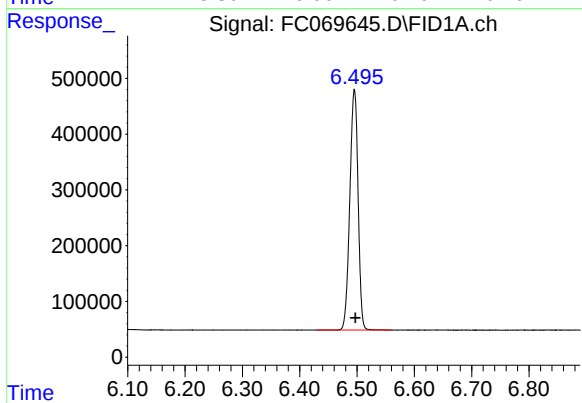
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 3846915
Conc: 26.46 ug/ml



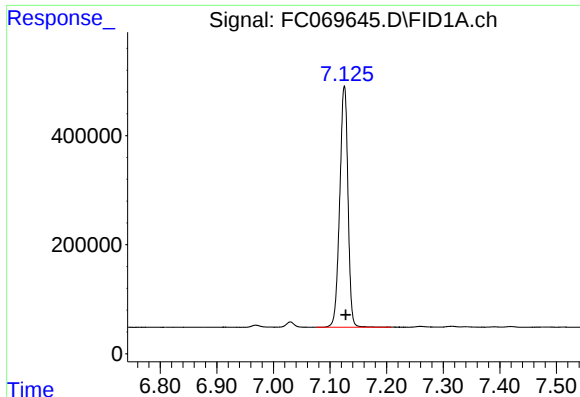
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 4720520
Conc: 30.42 ug/ml



#4 n-Dodecane (C12)

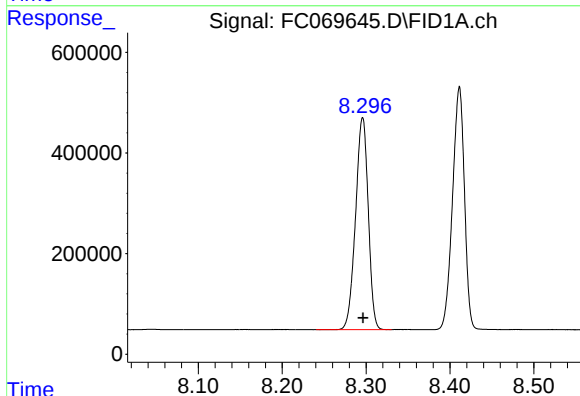
R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 4315427
Conc: 29.52 ug/ml



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

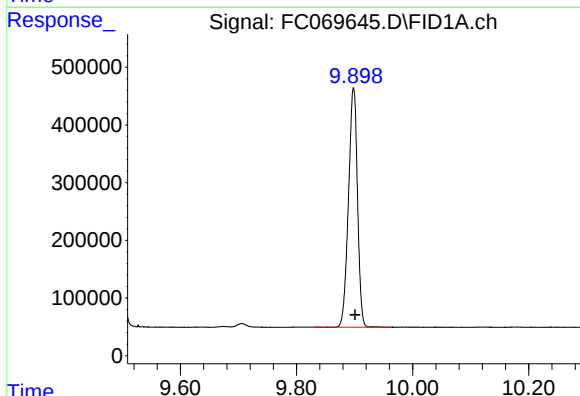
R.T.: 7.125 min
Delta R.T.: -0.003 min
Response: 4476785
Conc: 30.40 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



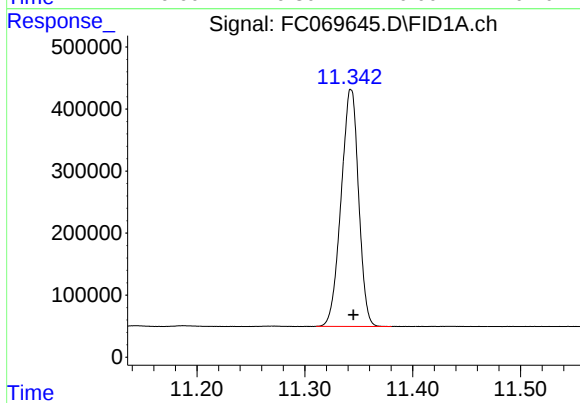
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 4424544
Conc: 31.00 ug/ml



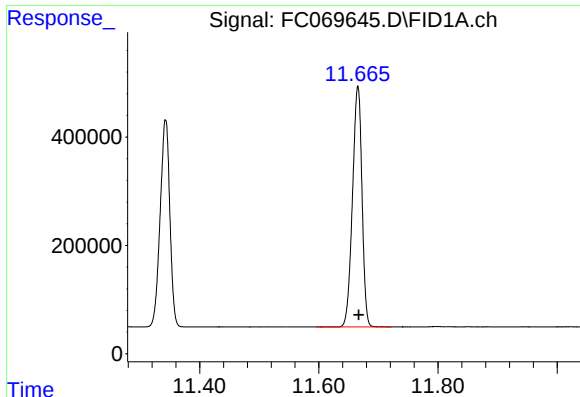
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 4466867
Conc: 30.99 ug/ml



#8 n-Octadecane (C18)

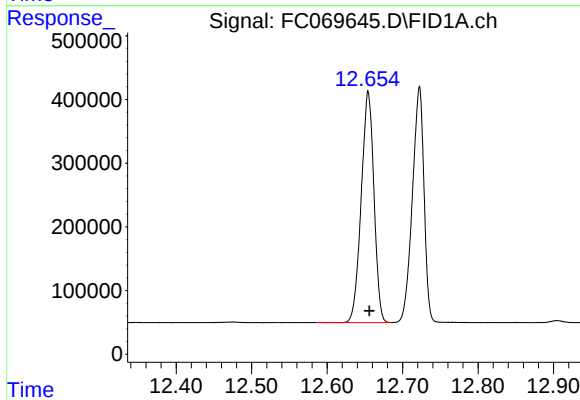
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 4307197
Conc: 30.46 ug/ml



#9 ortho-Terphenyl (SURR)

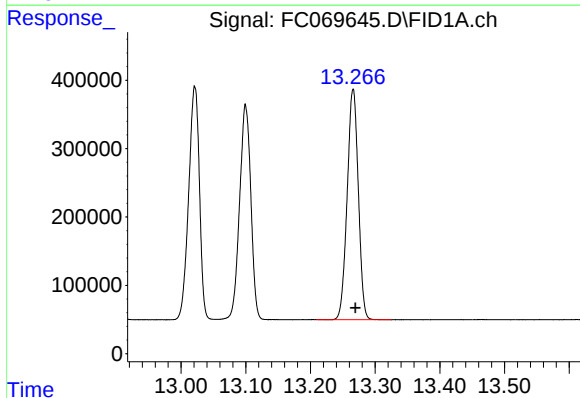
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 4914195
Conc: 32.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



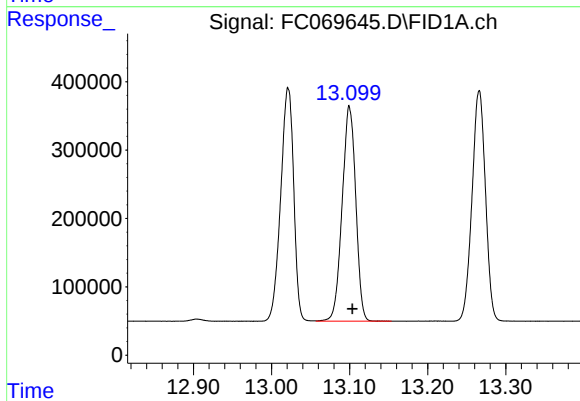
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.002 min
Response: 4244756
Conc: 32.22 ug/ml



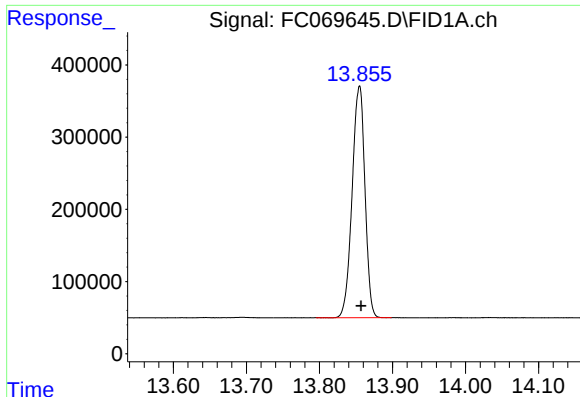
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.004 min
Response: 4032805
Conc: 31.62 ug/ml



#12 1-chlorooctadecane (SURR)

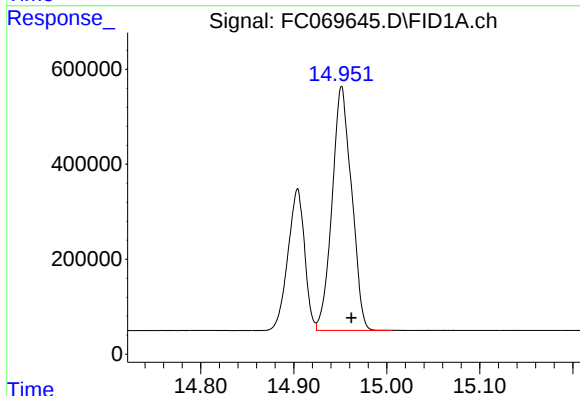
R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 3814315
Conc: 34.99 ug/ml



#13 n-Docosane (C22)

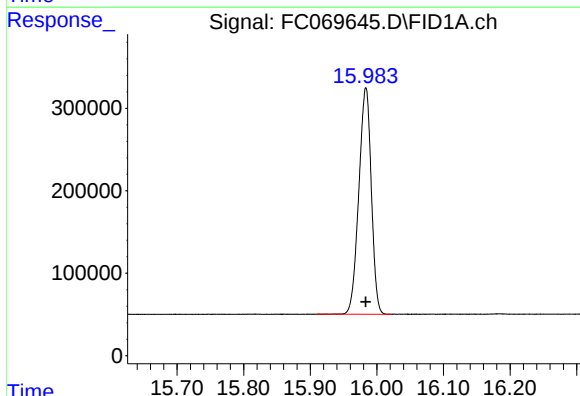
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 3914820
Conc: 31.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



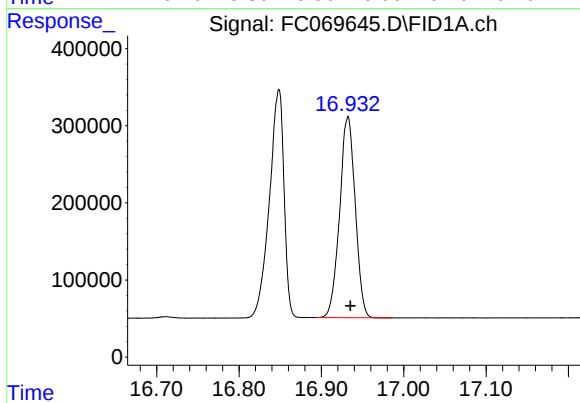
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.011 min
Response: 7479290
Conc: 61.98 ug/ml



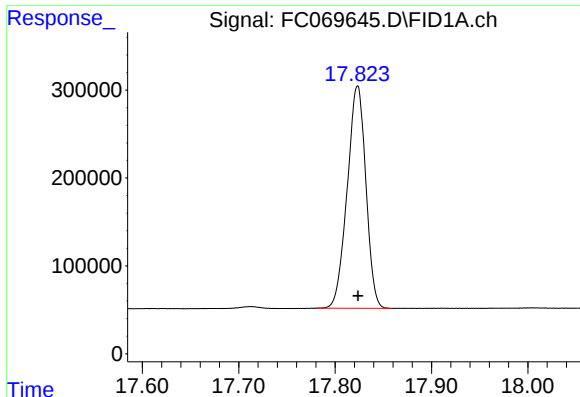
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 3574075
Conc: 30.93 ug/ml



#16 n-Octacosane (C28)

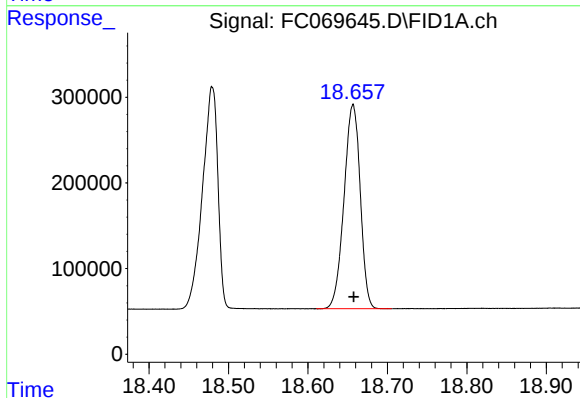
R.T.: 16.932 min
Delta R.T.: -0.003 min
Response: 3428566
Conc: 30.59 ug/ml



#17 n-Tricontane (C30)

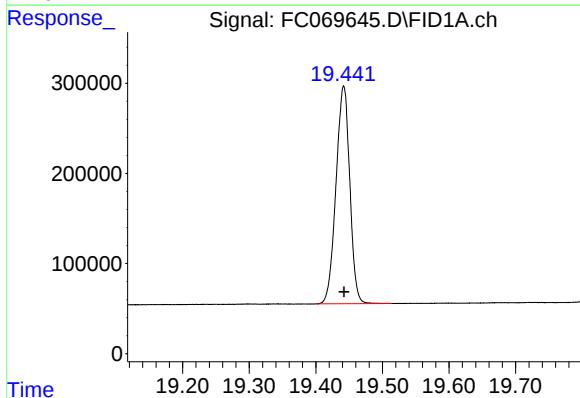
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 3399791
Conc: 29.69 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



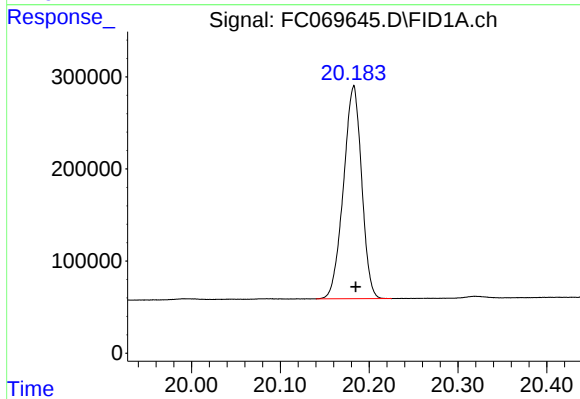
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.001 min
Response: 3379524
Conc: 30.42 ug/ml



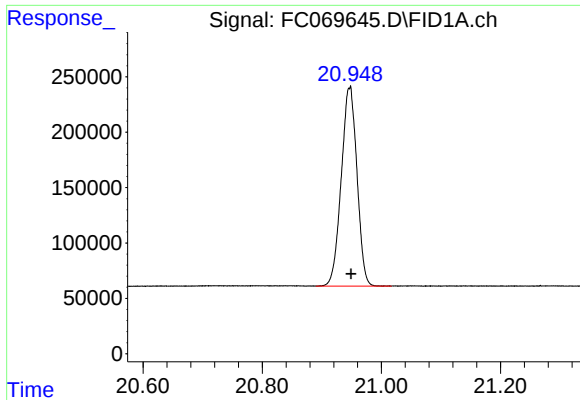
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 3474796
Conc: 34.13 ug/ml



#20 n-Hexatriacontane (C36)

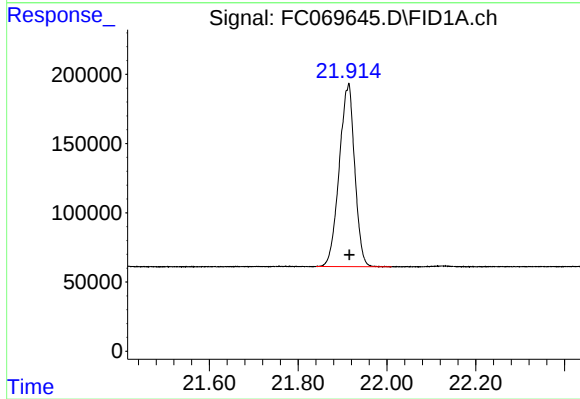
R.T.: 20.182 min
Delta R.T.: -0.002 min
Response: 3283820
Conc: 36.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.003 min
Response: 3292080
Conc: 40.92 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BS



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.002 min
Response: 3189359
Conc: 42.59 ug/ml