

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017106.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 21:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 06 03:11:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 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)	12.027	2730925	17.704 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
12) S 1-chlorooctadecane (S...	13.473	2062898	17.785 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
Target Compounds			
1) T n-Nonane (C9)	3.355	2185845	17.812 ug/ml
2) T n-Decane (C10)	4.615	2308420	18.526 ug/ml
3) T A~Naphthalene (C11.7)	6.333	2483297	19.783 ug/ml
4) T n-Dodecane (C12)	6.795	2363417	18.621 ug/ml
5) T A~2-methylnaphthalene...	7.436	2354352	20.612 ug/ml
6) T n-Tetradecane (C14)	8.635	2332770	18.675 ug/ml
7) T n-Hexadecane (C16)	10.252	2435342	18.950 ug/ml
8) T n-Octadecane (C18)	11.705	2506152	18.457 ug/ml
10) T n-Eicosane (C20)	13.023	2426586	17.733 ug/ml
11) T n-Heneicosane (C21)	13.640	2394564	17.654 ug/ml
13) T n-Docosane (C22)	14.231	2400585	17.483 ug/ml
14) T n-Tetracosane (C24)	15.342	2418311	17.093 ug/ml
15) T n-Hexacosane (C26)	16.370	2346924	16.901 ug/ml
16) T n-Octacosane (C28)	17.326	2341215	16.717 ug/ml
17) T n-Tricontane (C30)	18.219	2487357	16.752 ug/ml
18) T n-Dotriacontane (C32)	19.056	2497475	16.676 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2306942	17.574 ug/ml
20) T n-Hexatriacontane (C36)	20.589	2103951	19.984 ug/ml
21) T n-Octatriacontane (C38)	21.363	1943118	21.218 ug/ml
22) T n-Tetracontane (C40)	22.342	1552330	19.040 ug/ml

(f)=RT Delta > 1/2 Window

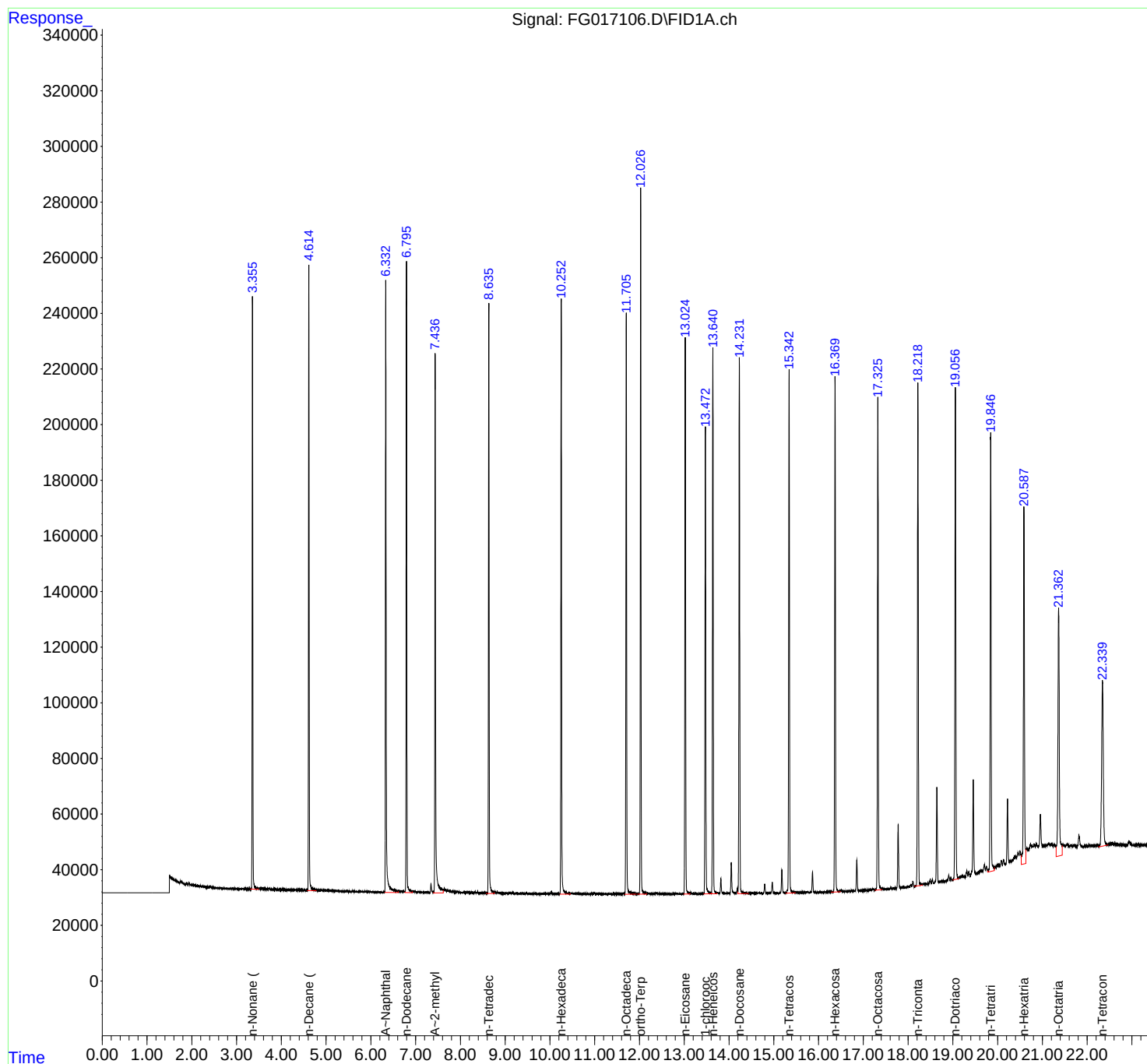
(m)=manual int.

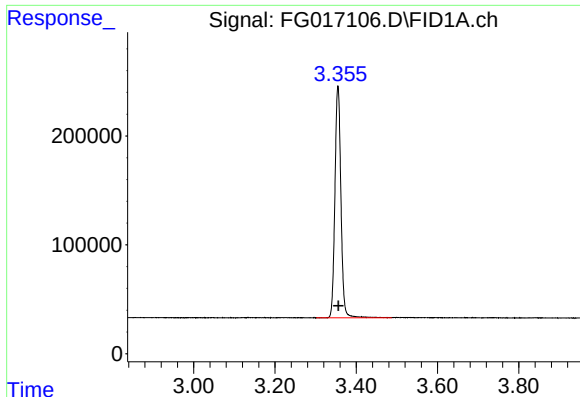
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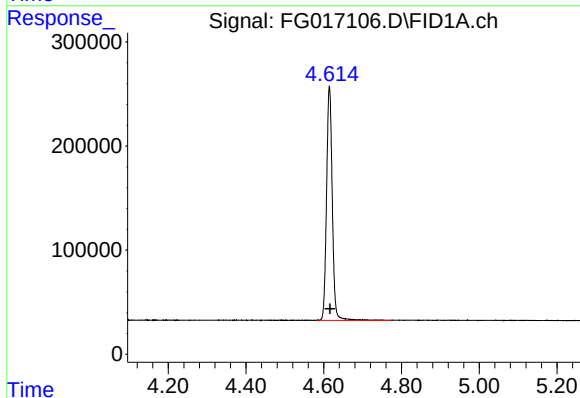




#1 n-Nonane (C9)

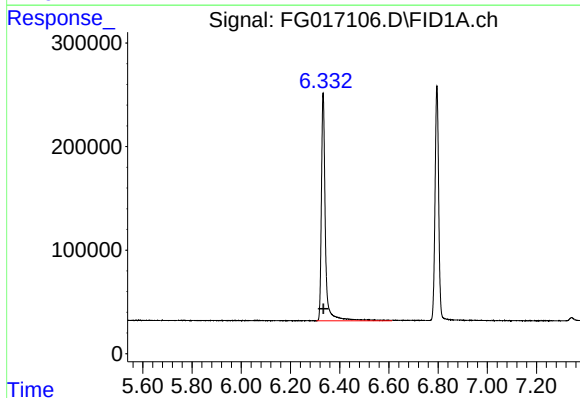
R.T.: 3.355 min
Delta R.T.: -0.001 min
Response: 2185845
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :



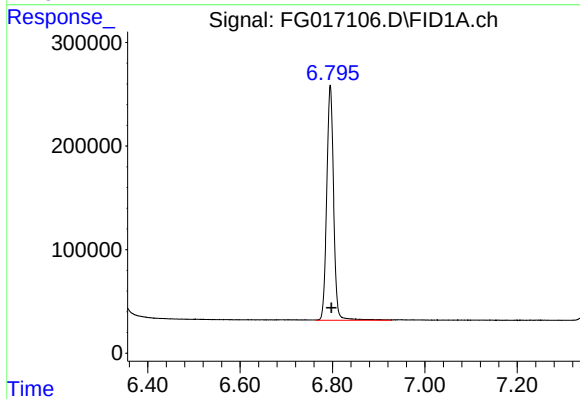
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 2308420
Conc: 18.53 ug/ml



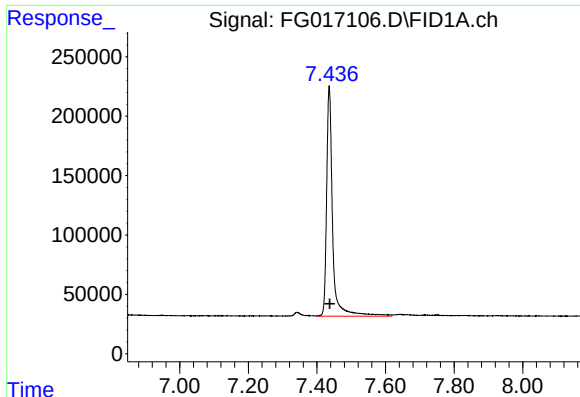
#3 A~Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 2483297
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

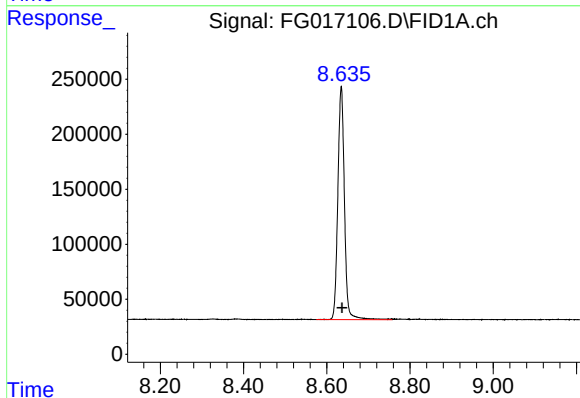
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 2363417
Conc: 18.62 ug/ml



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

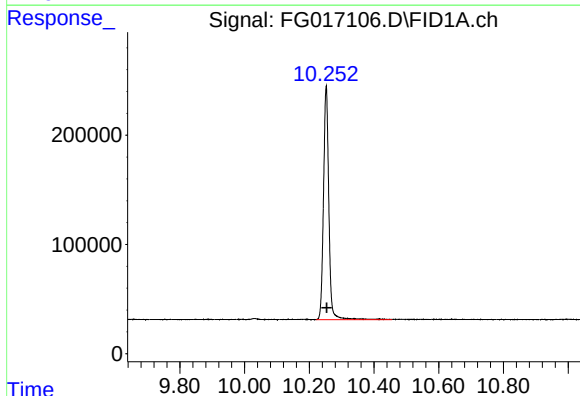
R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 2354352
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :



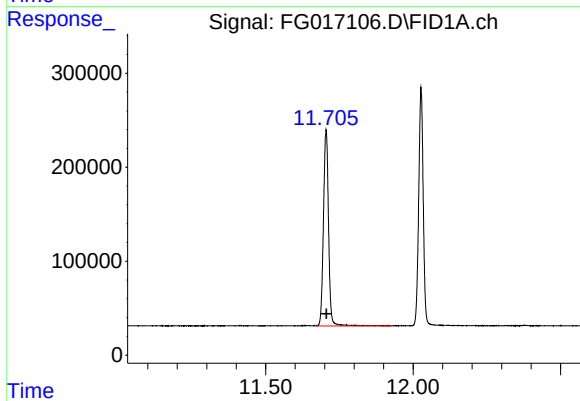
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2332770
Conc: 18.68 ug/ml



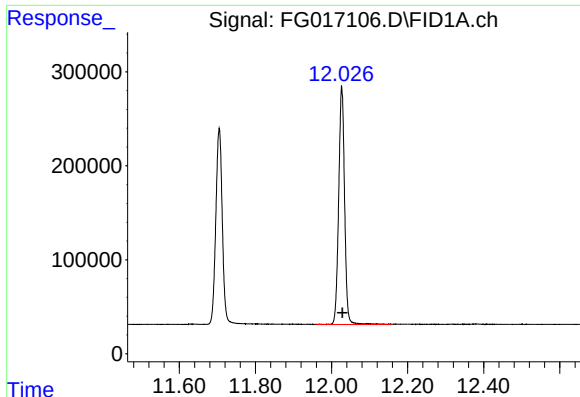
#7 n-Hexadecane (C16)

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 2435342
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

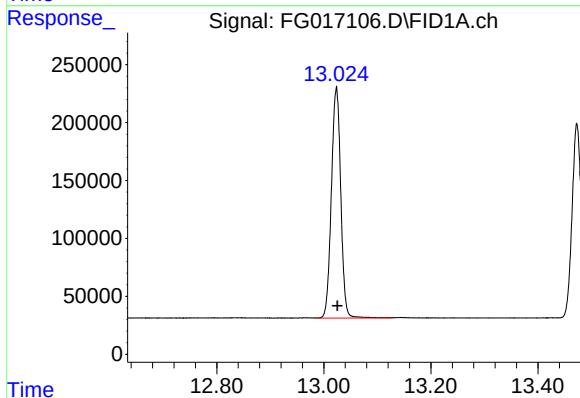
R.T.: 11.705 min
Delta R.T.: -0.002 min
Response: 2506152
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

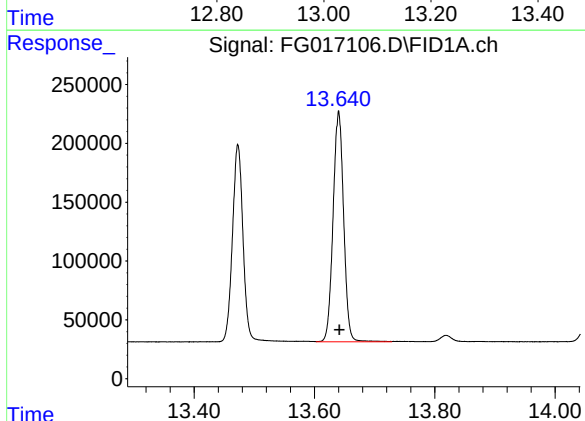
R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 2730925
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :



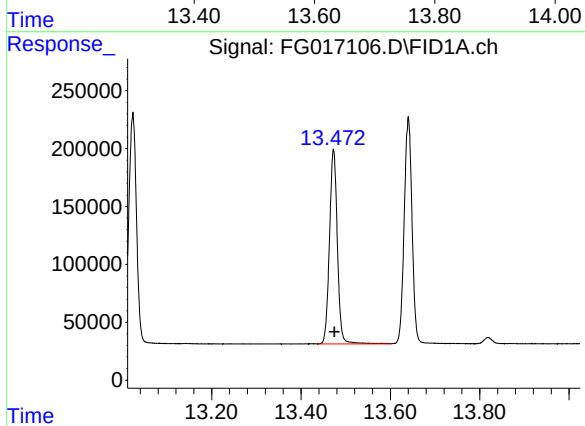
#10 n-Eicosane (C20)

R.T.: 13.023 min
Delta R.T.: -0.002 min
Response: 2426586
Conc: 17.73 ug/ml



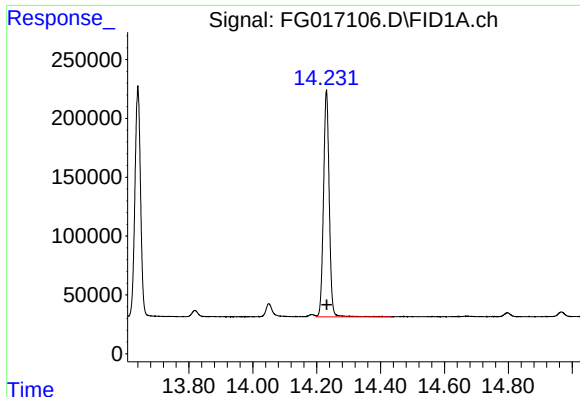
#11 n-Heneicosane (C21)

R.T.: 13.640 min
Delta R.T.: -0.001 min
Response: 2394564
Conc: 17.65 ug/ml



#12 1-chlorooctadecane (SURR)

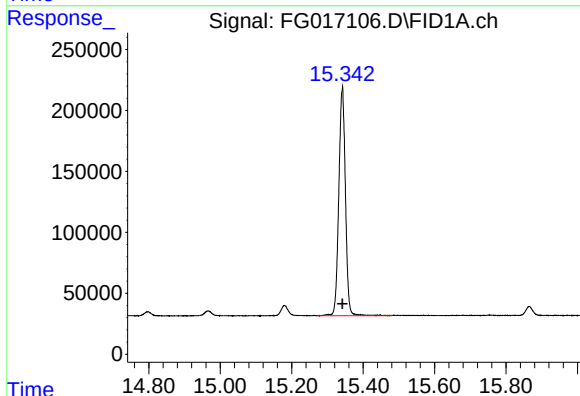
R.T.: 13.473 min
Delta R.T.: -0.002 min
Response: 2062898
Conc: 17.79 ug/ml



#13 n-Docosane (C22)

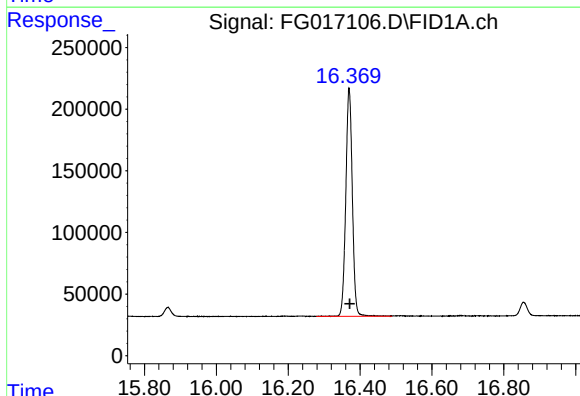
R.T.: 14.231 min
Delta R.T.: -0.001 min
Response: 2400585
Conc: 17.48 ug/ml

Instrument :
FID_E
ClientSampleId :



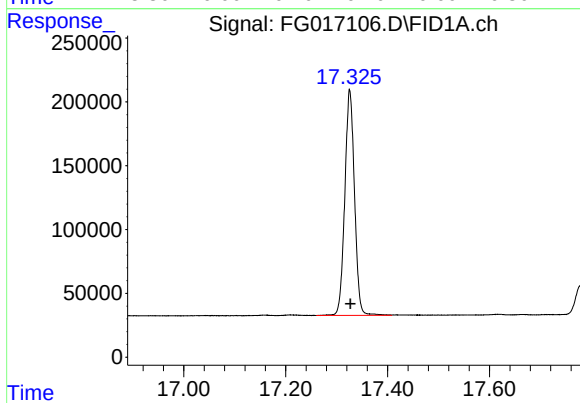
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2418311
Conc: 17.09 ug/ml



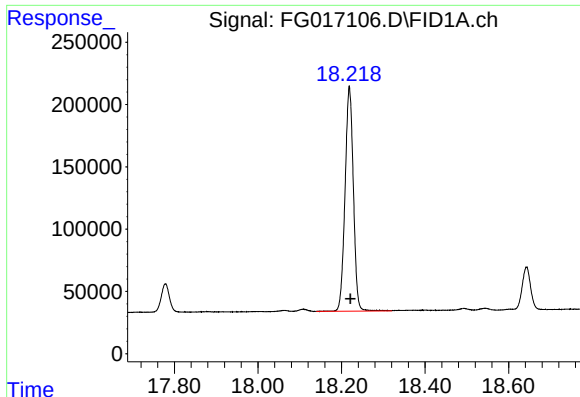
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 2346924
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

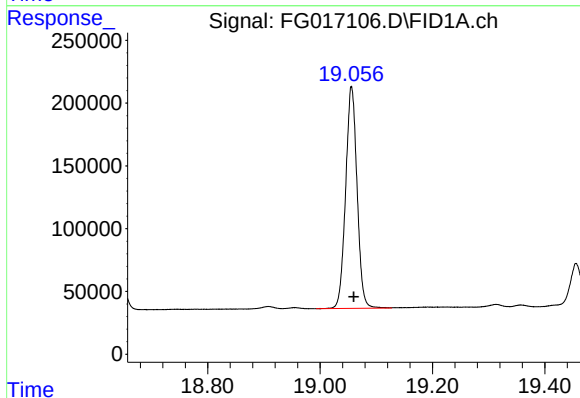
R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 2341215
Conc: 16.72 ug/ml



#17 n-Tricontane (C30)

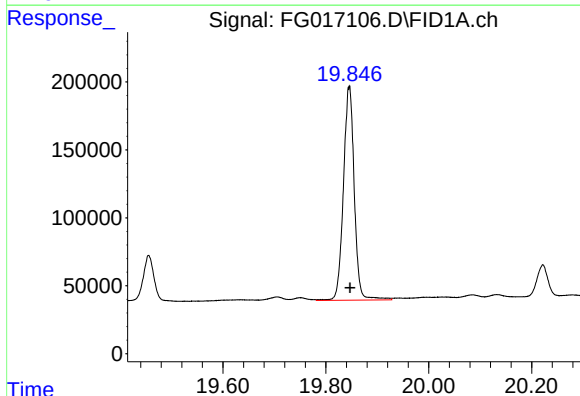
R.T.: 18.219 min
Delta R.T.: -0.003 min
Response: 2487357
Conc: 16.75 ug/ml

Instrument :
FID_E
ClientSampleId :



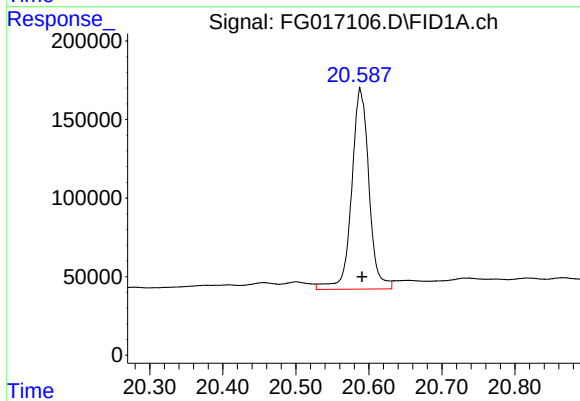
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 2497475
Conc: 16.68 ug/ml



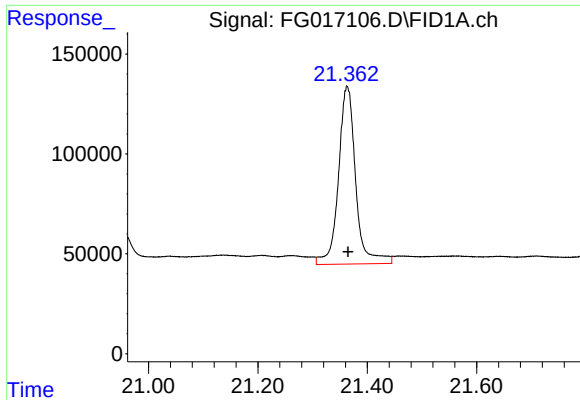
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.002 min
Response: 2306942
Conc: 17.57 ug/ml



#20 n-Hexatriacontane (C36)

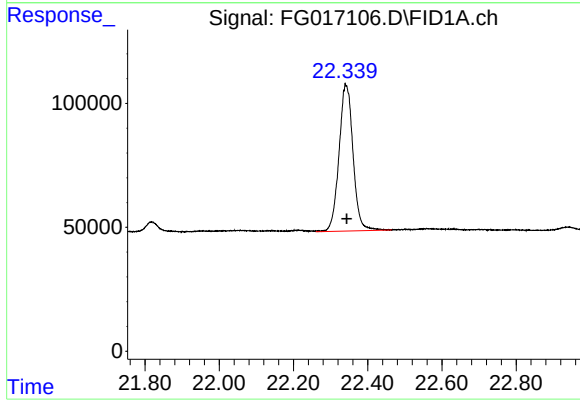
R.T.: 20.589 min
Delta R.T.: -0.002 min
Response: 2103951
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 1943118
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.003 min
Response: 1552330
Conc: 19.04 ug/ml