

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017095.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 15:50
 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 03:05:03 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)	12.028	2720166	17.634 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	13.473	2055648	17.723 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.355	2181290	17.775 ug/ml
2) T n-Decane (C10)	4.615	2309788	18.537 ug/ml
3) T A~Naphthalene (C11.7)	6.334	2488518	19.824 ug/ml
4) T n-Dodecane (C12)	6.796	2389955	18.830 ug/ml
5) T A~2-methylnaphthalene...	7.436	2358969	20.652 ug/ml
6) T n-Tetradecane (C14)	8.635	2360545	18.898 ug/ml
7) T n-Hexadecane (C16)	10.252	2429473	18.904 ug/ml
8) T n-Octadecane (C18)	11.706	2484108	18.295 ug/ml
10) T n-Eicosane (C20)	13.025	2408781	17.603 ug/ml
11) T n-Heneicosane (C21)	13.641	2383831	17.575 ug/ml
13) T n-Docosane (C22)	14.231	2401917	17.493 ug/ml
14) T n-Tetracosane (C24)	15.342	2393909	16.921 ug/ml
15) T n-Hexacosane (C26)	16.370	2333795	16.807 ug/ml
16) T n-Octacosane (C28)	17.326	2328664	16.627 ug/ml
17) T n-Tricontane (C30)	18.219	2473580	16.659 ug/ml
18) T n-Dotriacontane (C32)	19.058	2485986	16.599 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2318646	17.663 ug/ml
20) T n-Hexatriacontane (C36)	20.590	2229505	21.176 ug/ml
21) T n-Octatriacontane (C38)	21.363	2040909	22.286 ug/ml
22) T n-Tetracontane (C40)	22.341	1595764	19.573 ug/ml

(f)=RT Delta > 1/2 Window

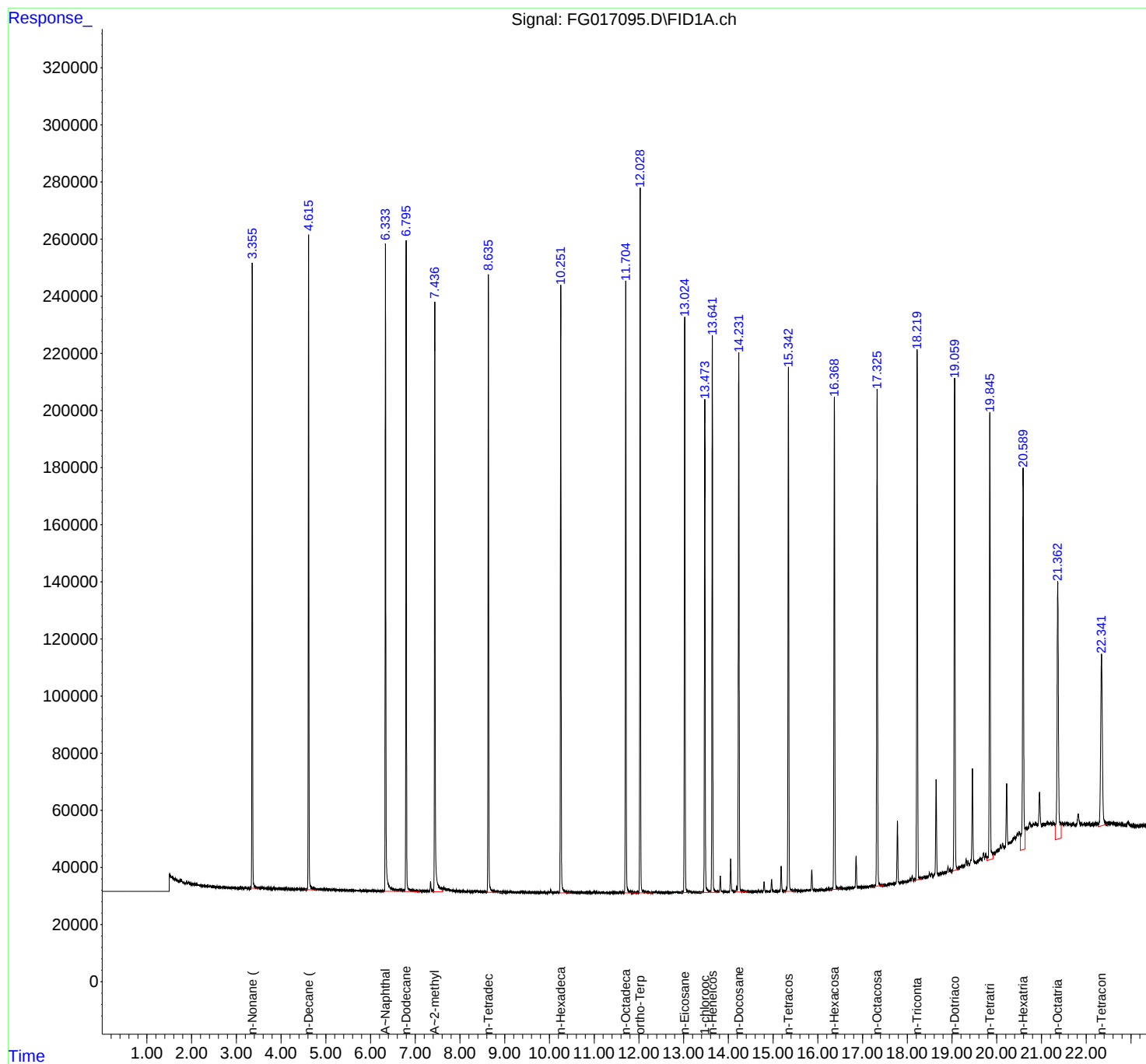
(m)=manual int.

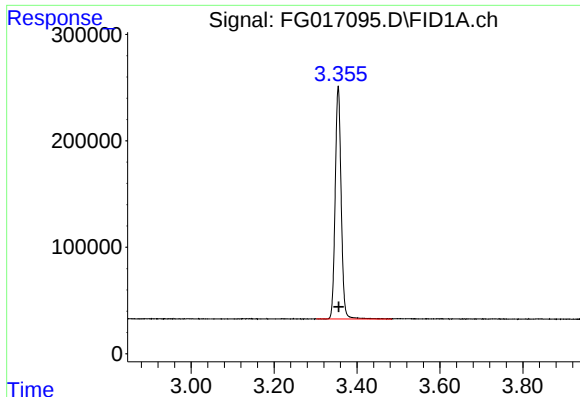
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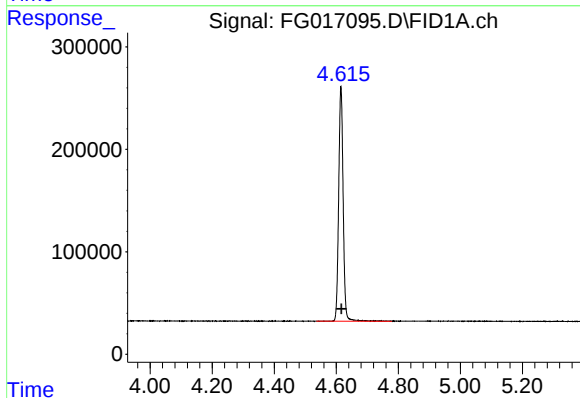




#1 n-Nonane (C9)

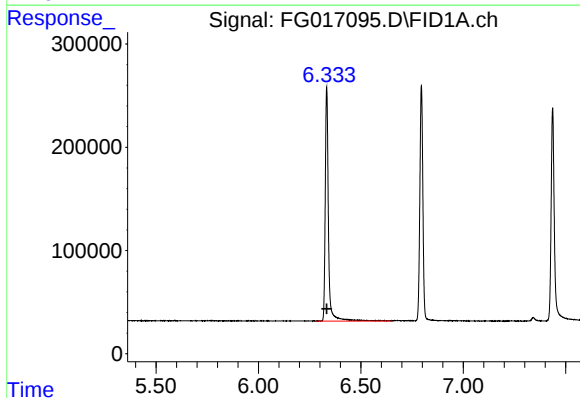
R.T.: 3.355 min
Delta R.T.: -0.001 min
Response: 2181290
Conc: 17.77 ug/ml

Instrument :
FID_E
ClientSampleId :



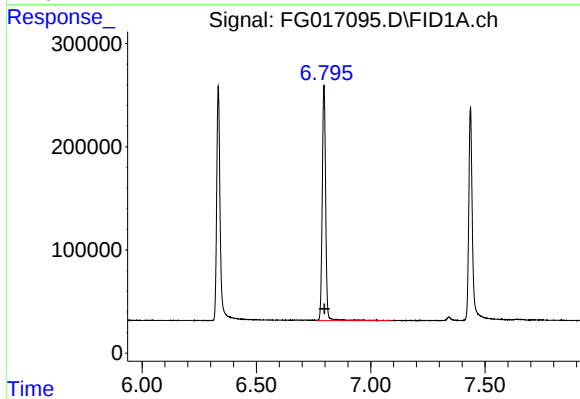
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 2309788
Conc: 18.54 ug/ml



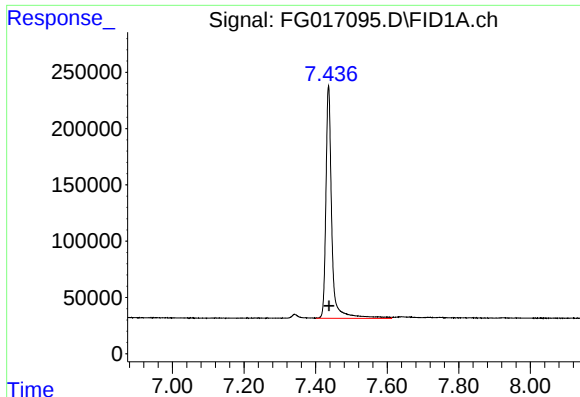
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 2488518
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

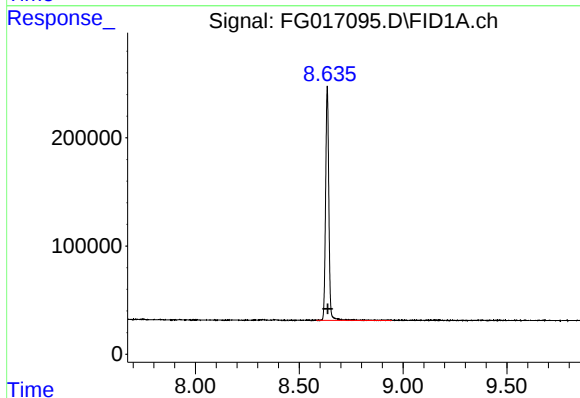
R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 2389955
Conc: 18.83 ug/ml



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

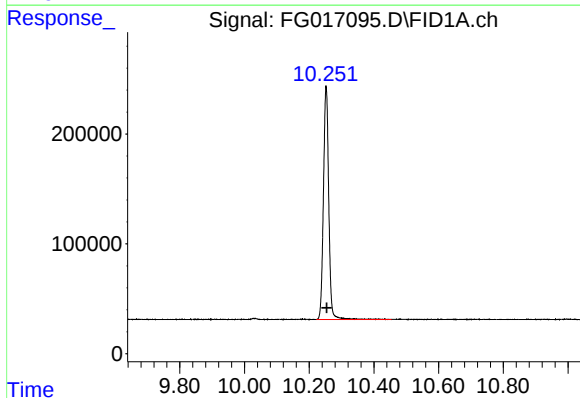
R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 2358969
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :



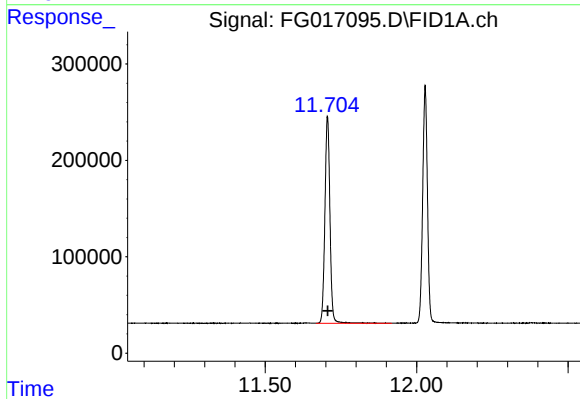
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2360545
Conc: 18.90 ug/ml



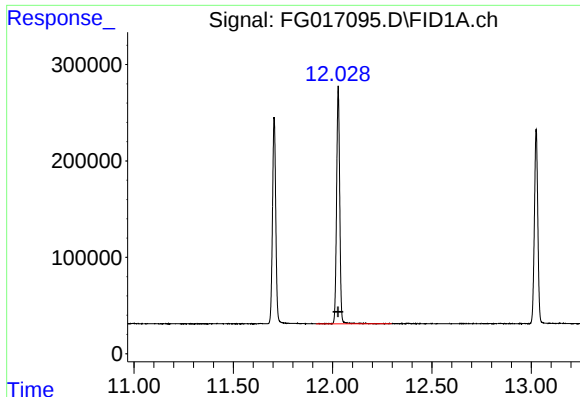
#7 n-Hexadecane (C16)

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 2429473
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

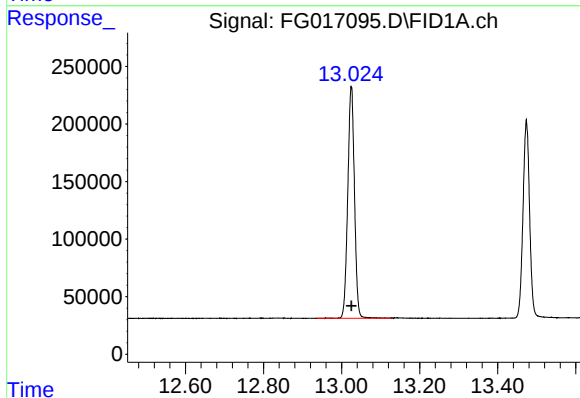
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 2484108
Conc: 18.29 ug/ml



#9 ortho-Terphenyl (SURR)

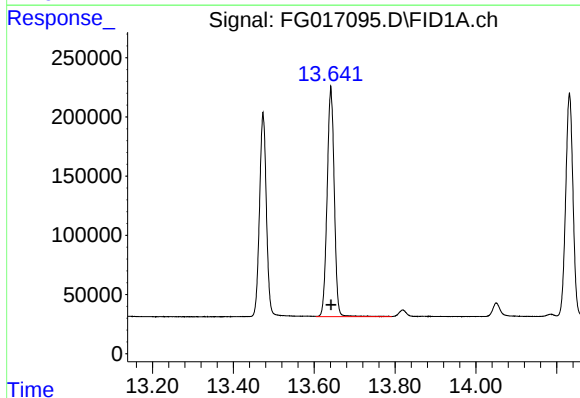
R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 2720166
Conc: 17.63 ug/ml

Instrument :
FID_E
ClientSampleId :



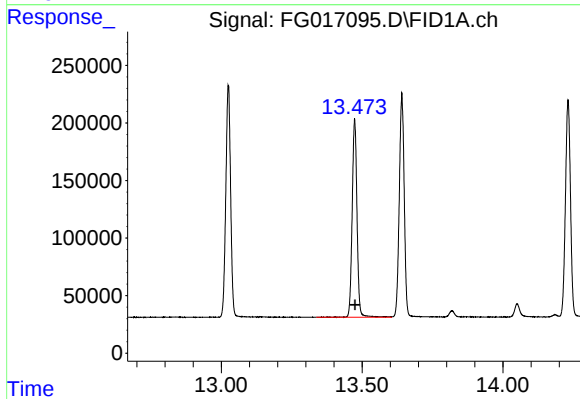
#10 n-Eicosane (C20)

R.T.: 13.025 min
Delta R.T.: 0.000 min
Response: 2408781
Conc: 17.60 ug/ml



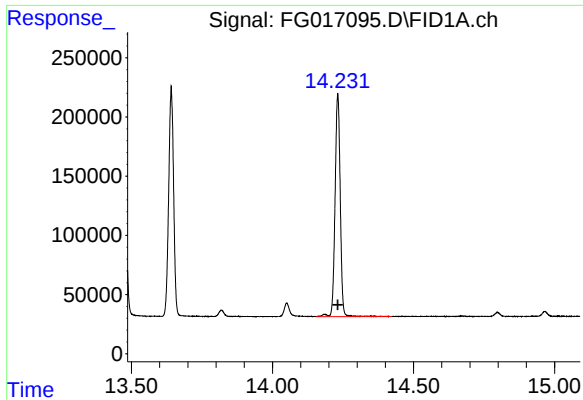
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 2383831
Conc: 17.57 ug/ml



#12 1-chlorooctadecane (SURR)

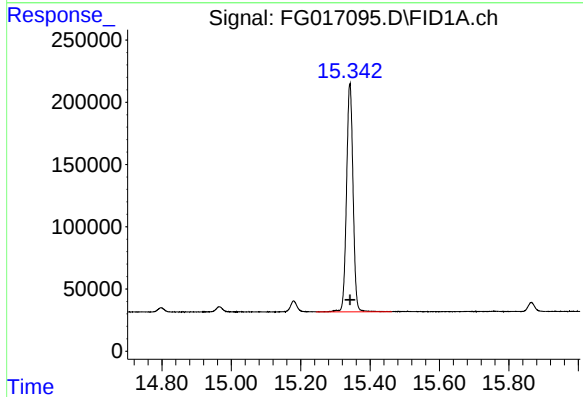
R.T.: 13.473 min
Delta R.T.: -0.001 min
Response: 2055648
Conc: 17.72 ug/ml



#13 n-Docosane (C22)

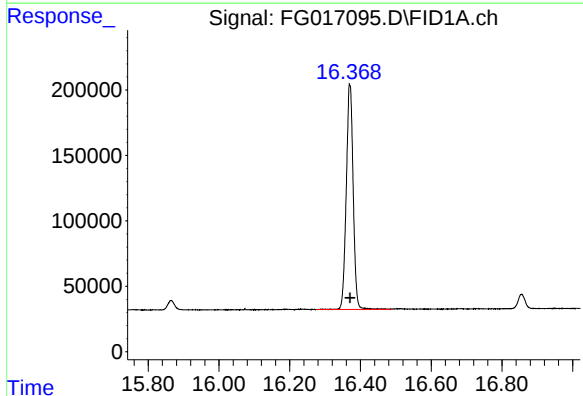
R.T.: 14.231 min
Delta R.T.: 0.000 min
Response: 2401917
Conc: 17.49 ug/ml

Instrument :
FID_E
ClientSampleId :



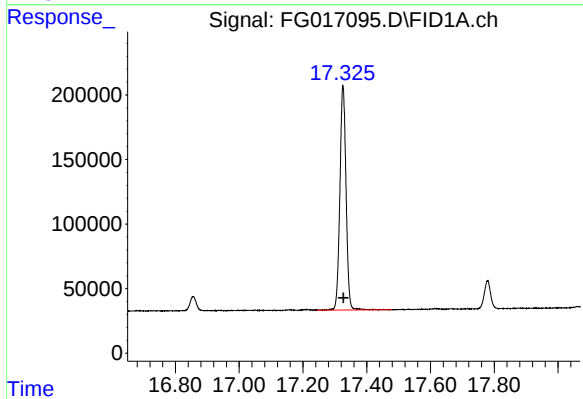
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2393909
Conc: 16.92 ug/ml



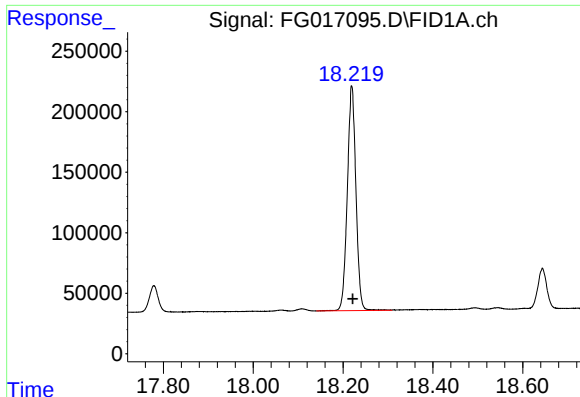
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 2333795
Conc: 16.81 ug/ml



#16 n-Octacosane (C28)

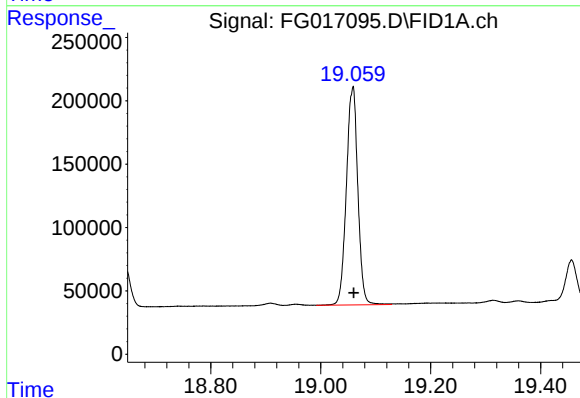
R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 2328664
Conc: 16.63 ug/ml



#17 n-Tricontane (C30)

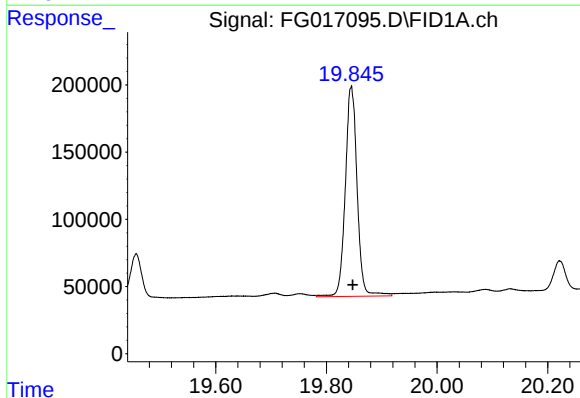
R.T.: 18.219 min
Delta R.T.: -0.002 min
Response: 2473580
Conc: 16.66 ug/ml

Instrument :
FID_E
ClientSampleId :



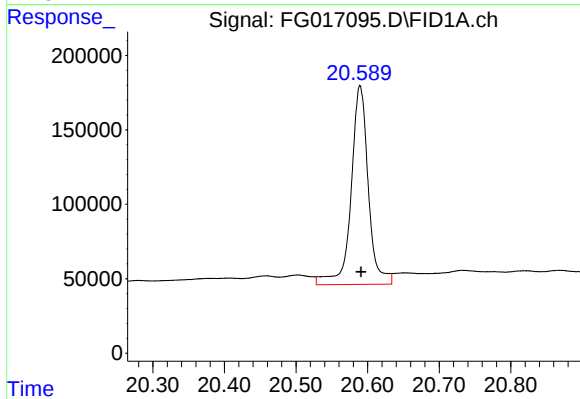
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.002 min
Response: 2485986
Conc: 16.60 ug/ml



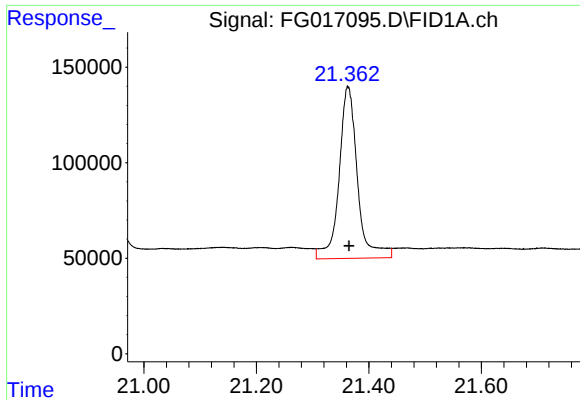
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.002 min
Response: 2318646
Conc: 17.66 ug/ml



#20 n-Hexatriacontane (C36)

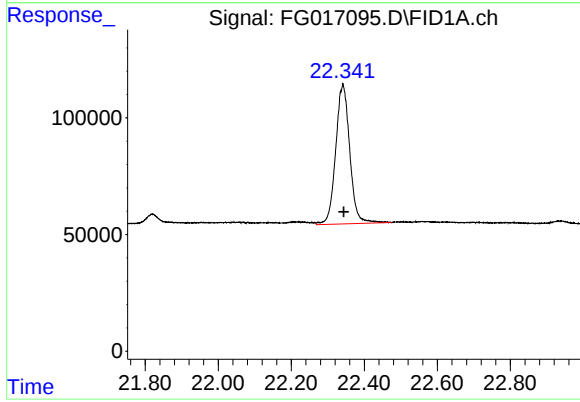
R.T.: 20.590 min
Delta R.T.: -0.001 min
Response: 2229505
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 2040909
Conc: 22.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.341 min
Delta R.T.: -0.003 min
Response: 1595764
Conc: 19.57 ug/ml