

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017184.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 21:28
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 17 04:40:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:37:43 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)	12.029	765152	5.170 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
12) S 1-chlorooctadecane (S...	13.475	564926	4.976 ug/ml
Spiked Amount 50.000		Recovery =	9.95%
Target Compounds			
1) T n-Nonane (C9)	3.355	566886	5.072 ug/ml
2) T n-Decane (C10)	4.615	568396	5.030 ug/ml
3) T A~Naphthalene (C11.7)	6.337	552870	4.626 ug/ml
4) T n-Dodecane (C12)	6.796	573964	5.017 ug/ml
5) T A~2-methylnaphthalene...	7.440	514515	4.387 ug/ml
6) T n-Tetradecane (C14)	8.635	568103	5.023 ug/ml
7) T n-Hexadecane (C16)	10.253	575226	4.989 ug/ml
8) T n-Octadecane (C18)	11.706	595961	5.016 ug/ml
10) T n-Eicosane (C20)	13.025	621345	5.135 ug/ml
11) T n-Heneicosane (C21)	13.643	626960	5.149 ug/ml
13) T n-Docosane (C22)	14.232	628399	5.133 ug/ml
14) T n-Tetracosane (C24)	15.344	634979	5.134 ug/ml
15) T n-Hexacosane (C26)	16.372	638933	5.125 ug/ml
16) T n-Octacosane (C28)	17.329	662755	5.268 ug/ml
17) T n-Tricontane (C30)	18.222	692778	5.429 ug/ml
18) T n-Dotriacontane (C32)	19.060	673674	5.489 ug/ml
19) T n-Tetratriacontane (C34)	19.850	558185	4.937 ug/ml
20) T n-Hexatriacontane (C36)	20.594	570291	5.424 ug/ml
21) T n-Octatriacontane (C38)	21.367	498949	5.080 ug/ml
22) T n-Tetracontane (C40)	22.351	454855	4.840 ug/ml

(f)=RT Delta > 1/2 Window

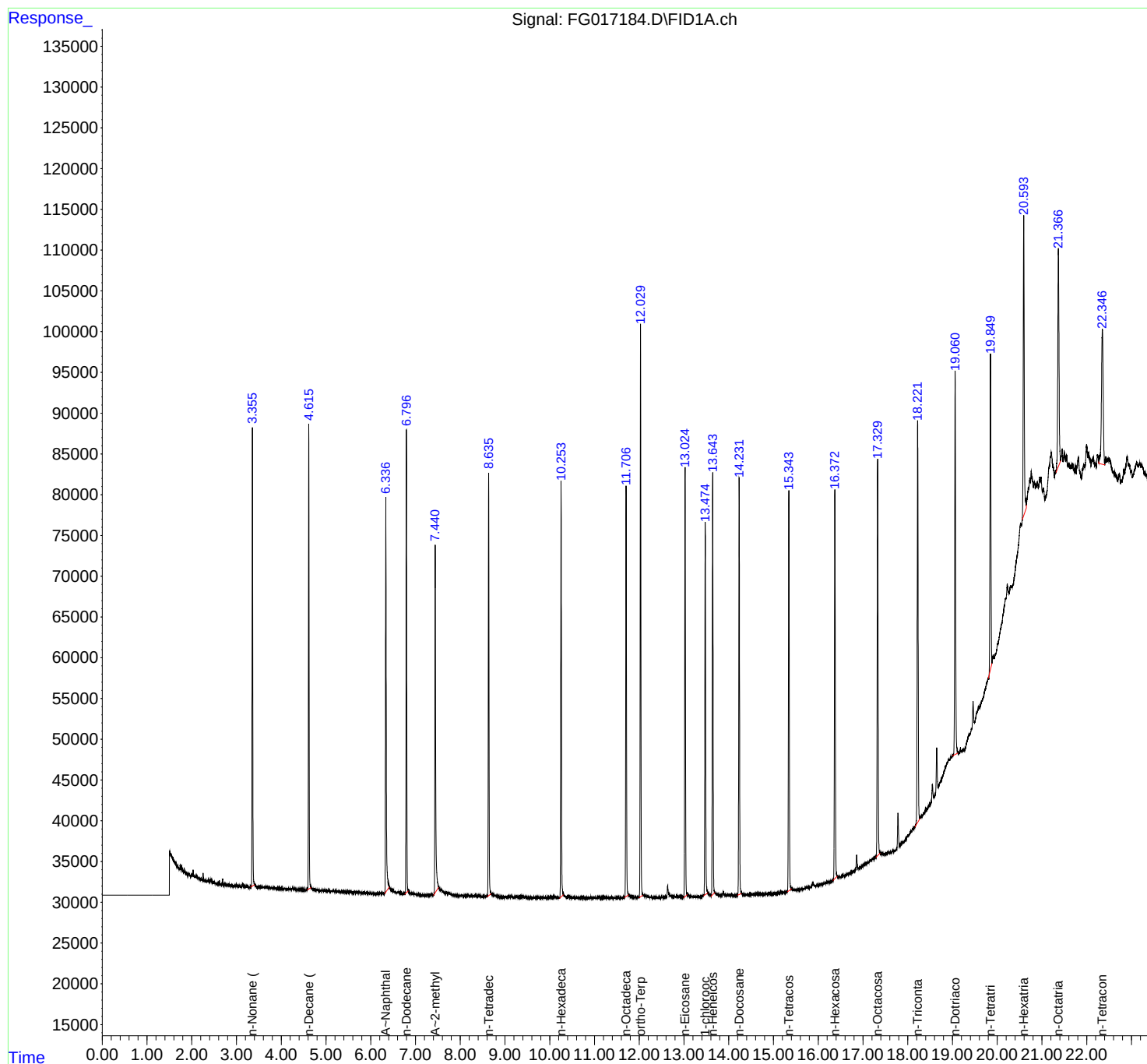
(m)=manual int.

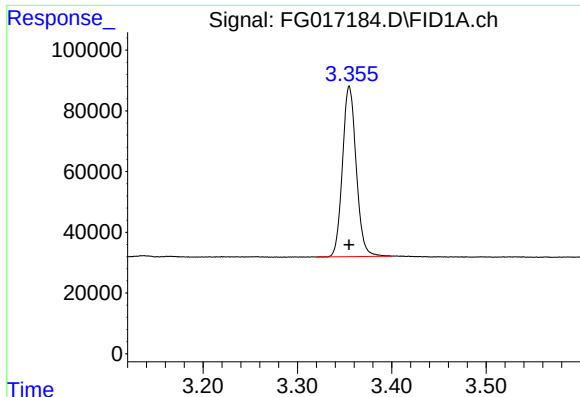
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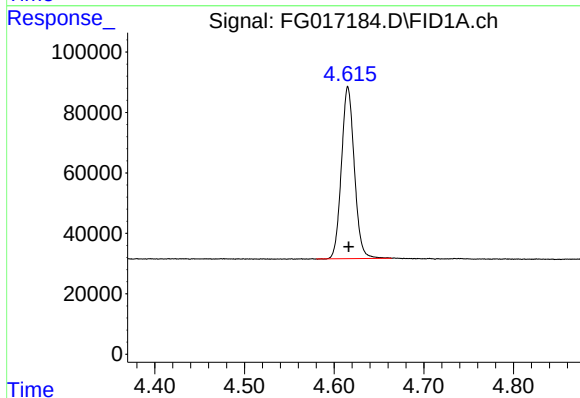




#1 n-Nonane (C9)

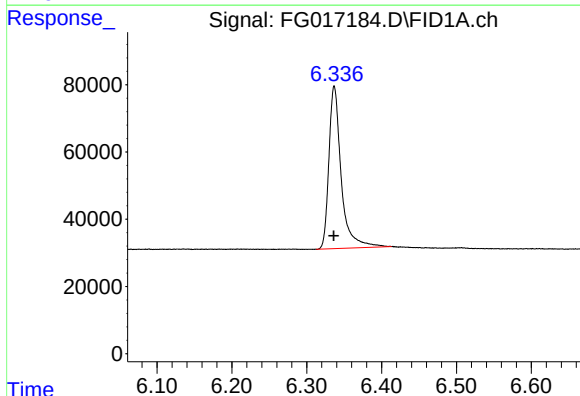
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 566886
Conc: 5.07 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



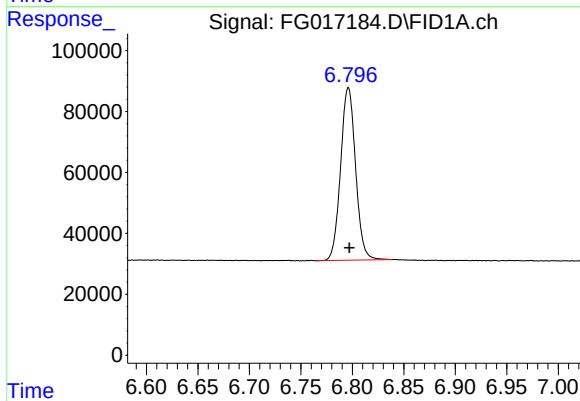
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 568396
Conc: 5.03 ug/ml



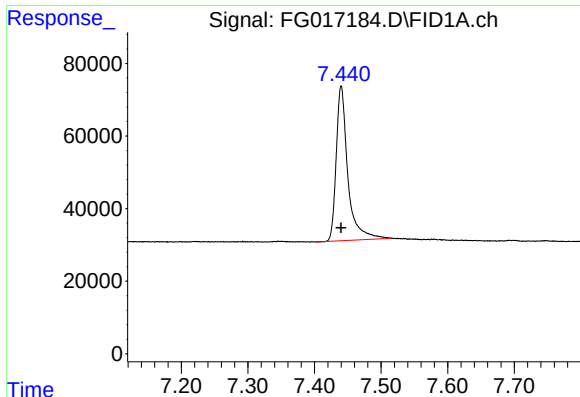
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 552870
Conc: 4.63 ug/ml



#4 n-Dodecane (C12)

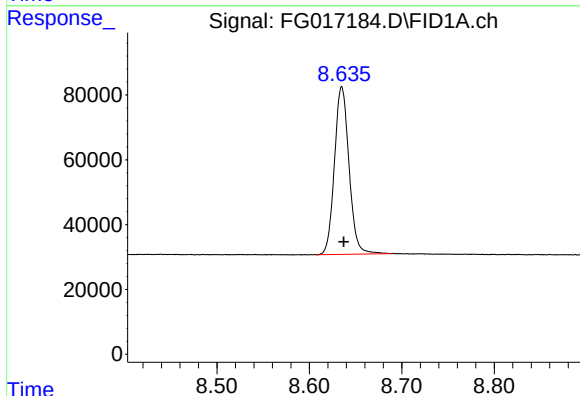
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 573964
Conc: 5.02 ug/ml



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

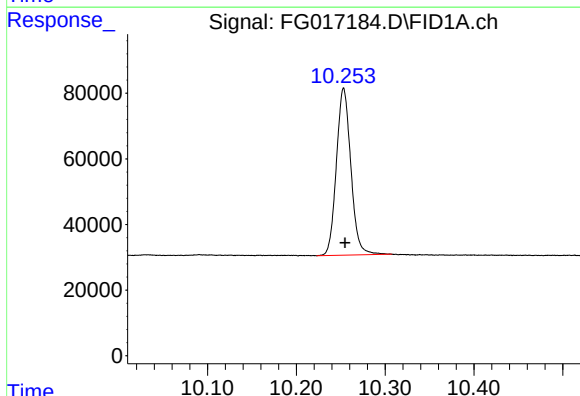
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 514515
Conc: 4.39 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



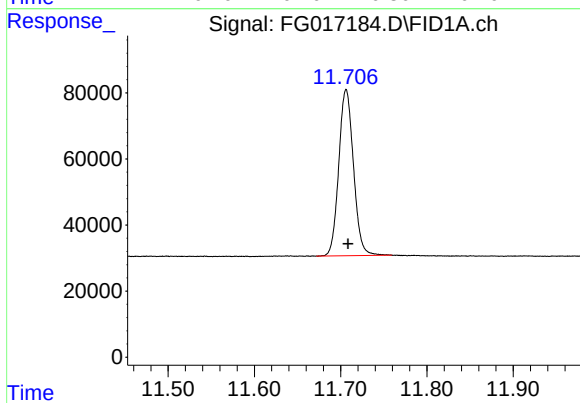
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 568103
Conc: 5.02 ug/ml



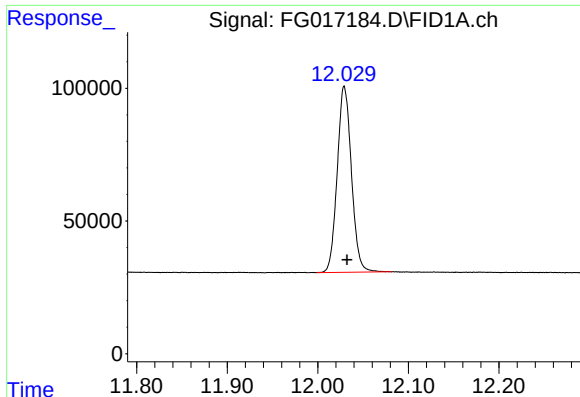
#7 n-Hexadecane (C16)

R.T.: 10.253 min
Delta R.T.: -0.002 min
Response: 575226
Conc: 4.99 ug/ml



#8 n-Octadecane (C18)

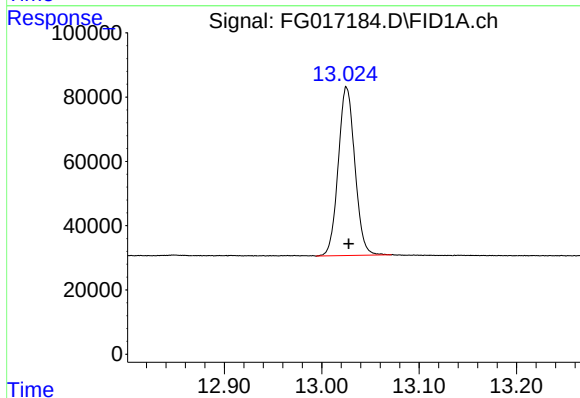
R.T.: 11.706 min
Delta R.T.: -0.002 min
Response: 595961
Conc: 5.02 ug/ml



#9 ortho-Terphenyl (SURR)

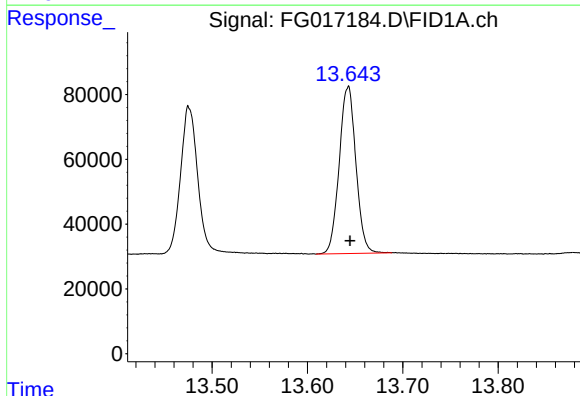
R.T.: 12.029 min
Delta R.T.: -0.003 min
Response: 765152
Conc: 5.17 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



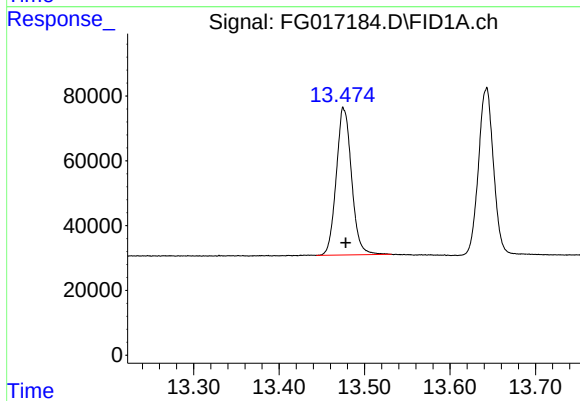
#10 n-Eicosane (C20)

R.T.: 13.025 min
Delta R.T.: -0.002 min
Response: 621345
Conc: 5.13 ug/ml



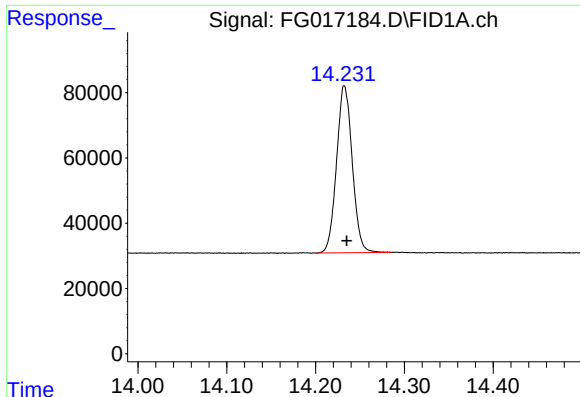
#11 n-Heneicosane (C21)

R.T.: 13.643 min
Delta R.T.: -0.002 min
Response: 626960
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

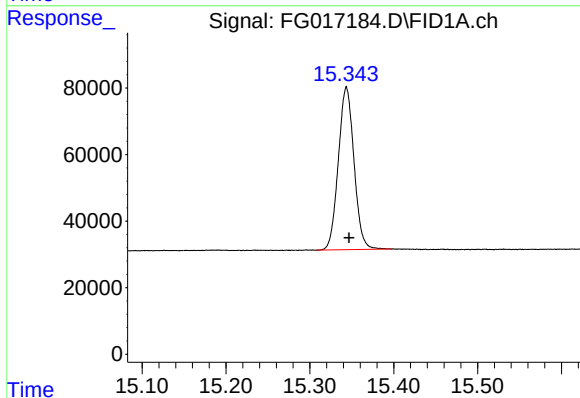
R.T.: 13.475 min
Delta R.T.: -0.003 min
Response: 564926
Conc: 4.98 ug/ml



#13 n-Docosane (C22)

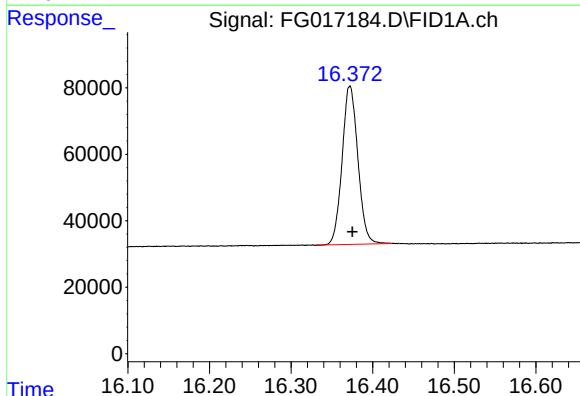
R.T.: 14.232 min
Delta R.T.: -0.003 min
Response: 628399
Conc: 5.13 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



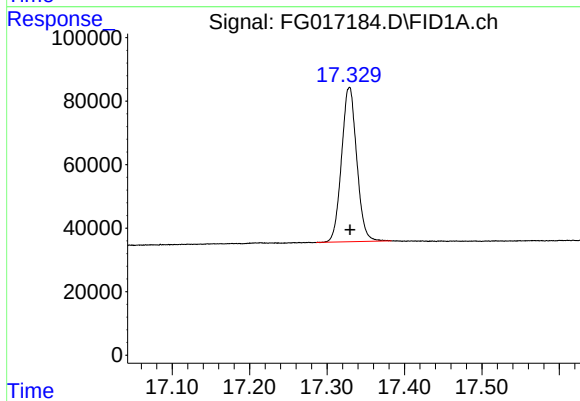
#14 n-Tetracosane (C24)

R.T.: 15.344 min
Delta R.T.: -0.003 min
Response: 634979
Conc: 5.13 ug/ml



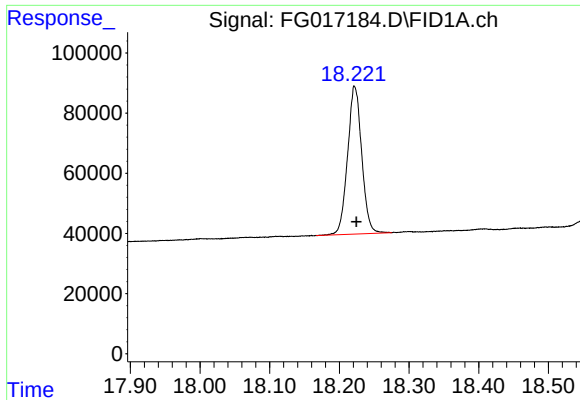
#15 n-Hexacosane (C26)

R.T.: 16.372 min
Delta R.T.: -0.003 min
Response: 638933
Conc: 5.12 ug/ml



#16 n-Octacosane (C28)

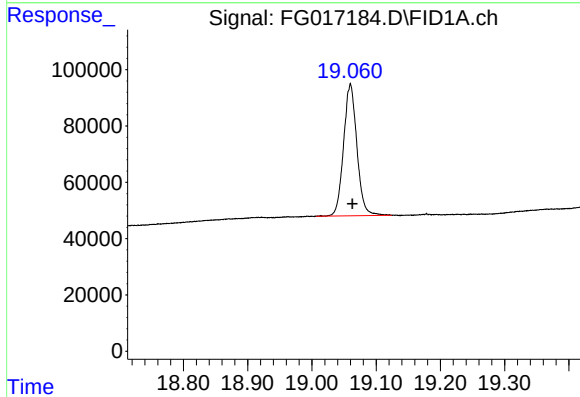
R.T.: 17.329 min
Delta R.T.: -0.001 min
Response: 662755
Conc: 5.27 ug/ml



#17 n-Tricontane (C30)

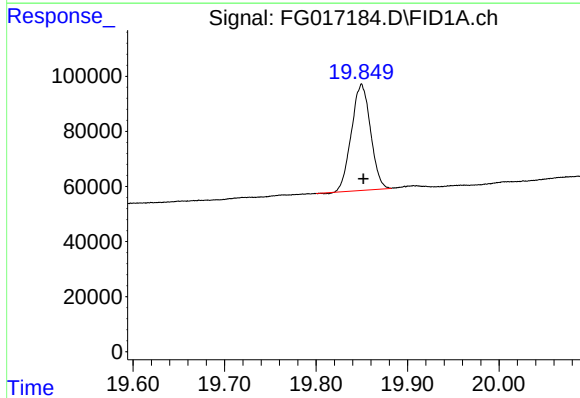
R.T.: 18.222 min
Delta R.T.: -0.003 min
Response: 692778
Conc: 5.43 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



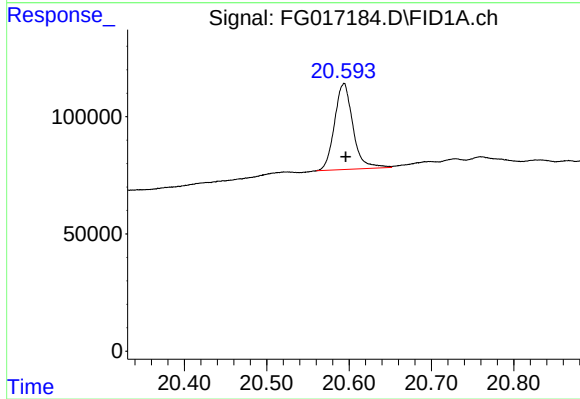
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: -0.003 min
Response: 673674
Conc: 5.49 ug/ml



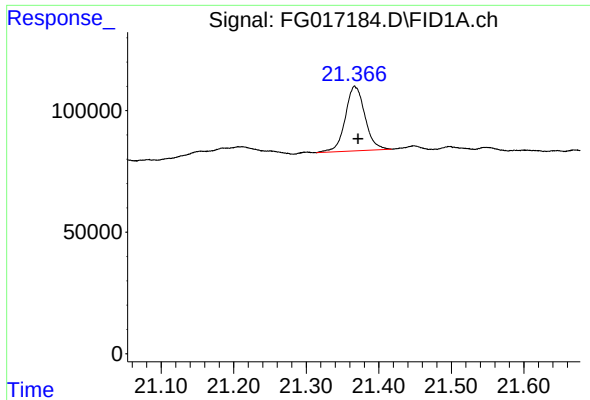
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.002 min
Response: 558185
Conc: 4.94 ug/ml



#20 n-Hexatriacontane (C36)

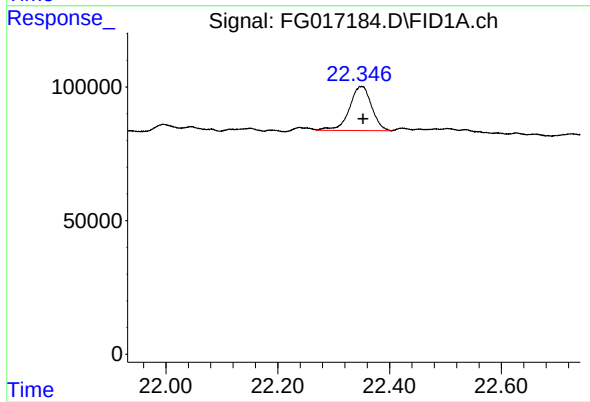
R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 570291
Conc: 5.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.005 min
Response: 498949
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.351 min
Delta R.T.: -0.002 min
Response: 454855
Conc: 4.84 ug/ml