

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015499.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 16:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 17 16:16:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:26:49 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)	11.920	3400027	20.509 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.364	2756441	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T n-Nonane (C9)	3.267	2692475	20.904 ug/ml
2) T n-Decane (C10)	4.526	2750262	20.867 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3017461	21.078 ug/ml
4) T n-Dodecane (C12)	6.706	2808564	20.784 ug/ml
5) T A~2-methylnaphthalene...	7.338	2938967	21.093 ug/ml
6) T n-Tetradecane (C14)	8.541	2840922	20.684 ug/ml
7) T n-Hexadecane (C16)	10.156	3036172	20.791 ug/ml
8) T n-Octadecane (C18)	11.604	3167448	20.840 ug/ml
10) T n-Eicosane (C20)	12.919	3139543	20.803 ug/ml
11) T n-Heneicosane (C21)	13.534	3128067	20.828 ug/ml
13) T n-Docosane (C22)	14.121	3148468	20.736 ug/ml
14) T n-Tetracosane (C24)	15.227	3187933	20.434 ug/ml
15) T n-Hexacosane (C26)	16.251	3159126	20.253 ug/ml
16) T n-Octacosane (C28)	17.204	3073179	19.706 ug/ml
17) T n-Tricontane (C30)	18.092	3030445	18.858 ug/ml
18) T n-Dotriacontane (C32)	18.926	2824546	18.367 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2416104	18.080 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2048442	18.565 ug/ml
21) T n-Octatriacontane (C38)	21.193	1906609	19.600 ug/ml
22) T n-Tetracontane (C40)	22.122	1828683	20.228 ug/ml

(f)=RT Delta > 1/2 Window

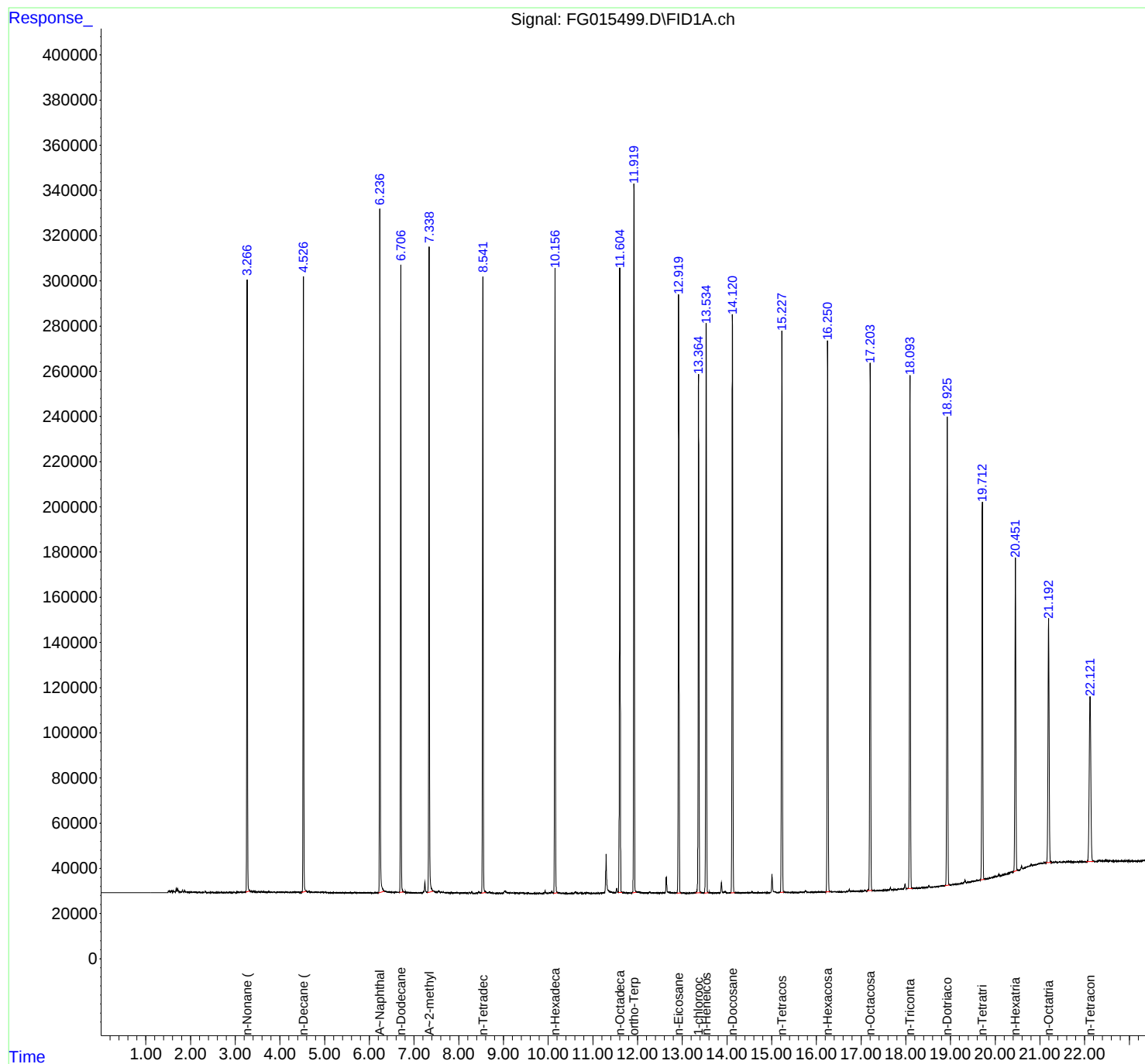
(m)=manual int.

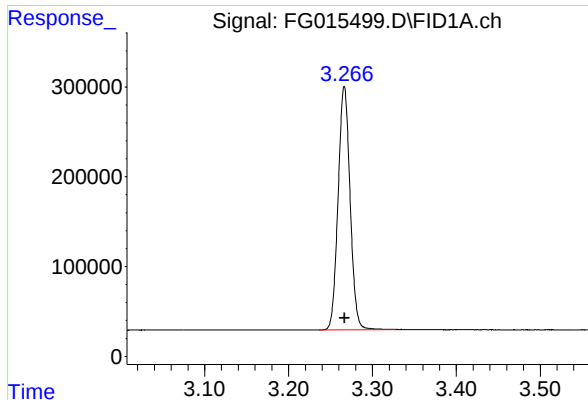
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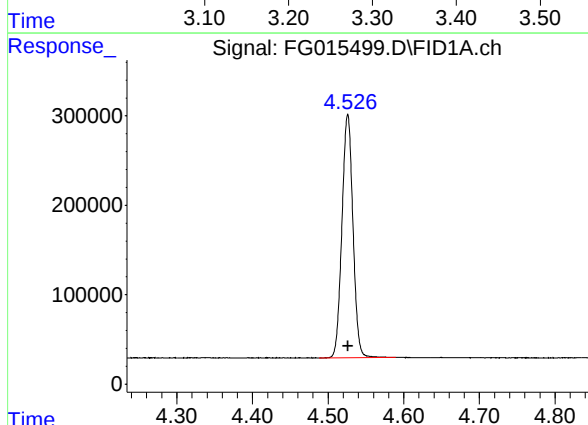




#1 n-Nonane (C9)

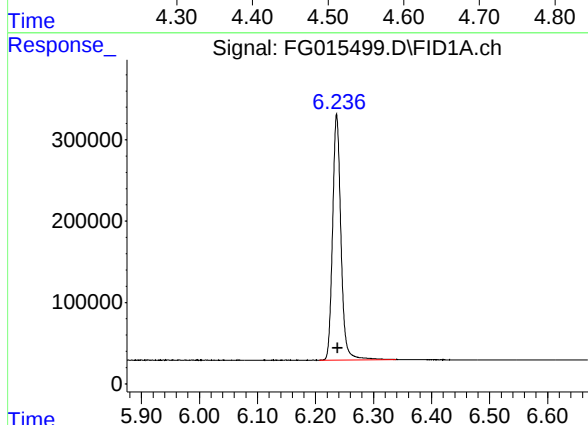
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 2692475
Conc: 20.90 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



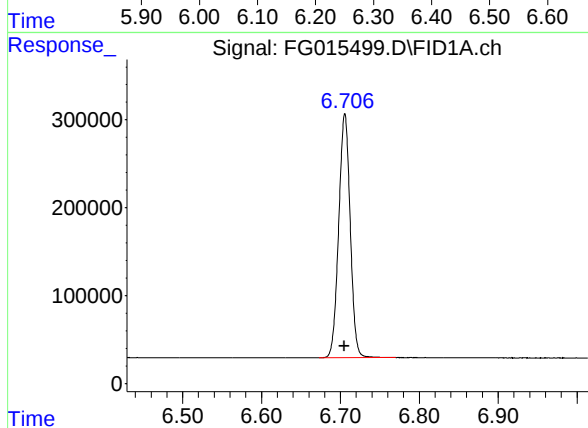
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 2750262
Conc: 20.87 ug/ml



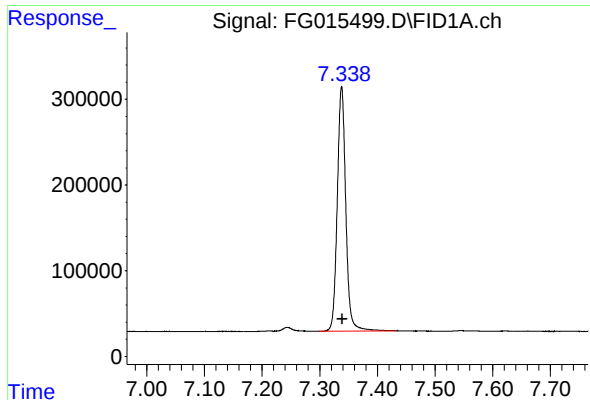
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 3017461
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

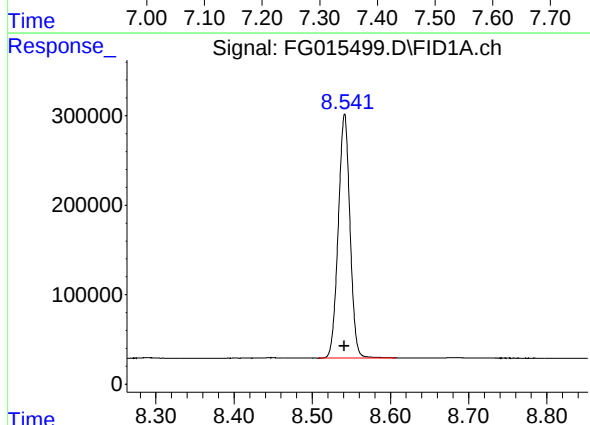
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2808564
Conc: 20.78 ug/ml



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

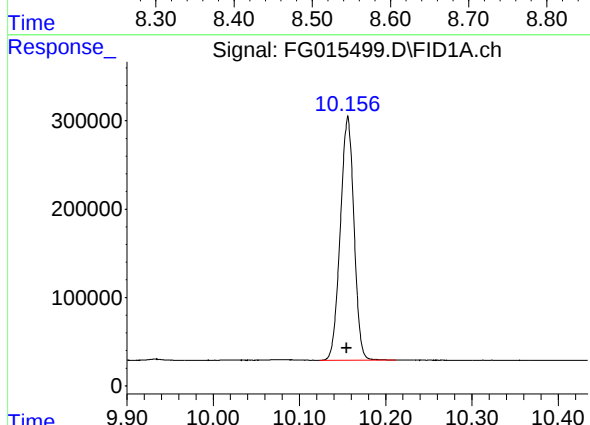
R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 2938967
Conc: 21.09 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



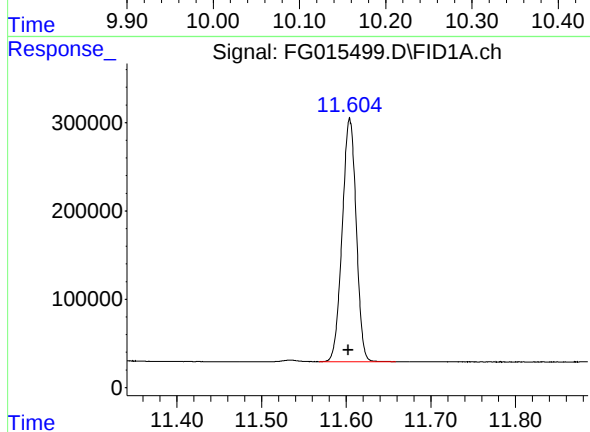
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.000 min
Response: 2840922
Conc: 20.68 ug/ml



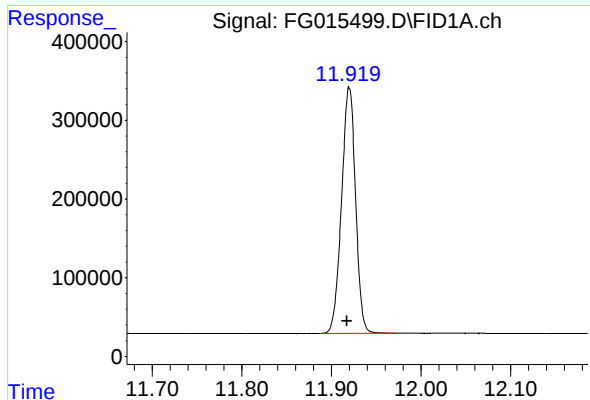
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 3036172
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

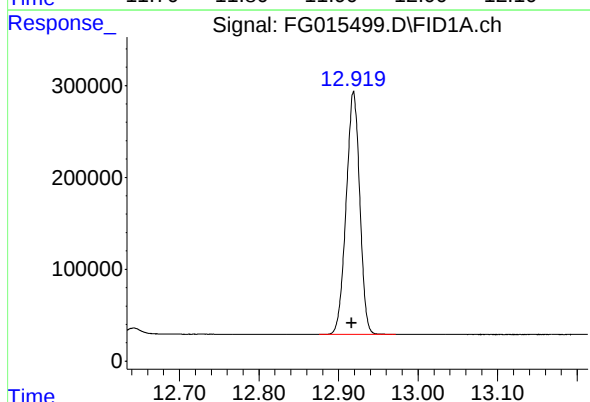
R.T.: 11.604 min
Delta R.T.: 0.002 min
Response: 3167448
Conc: 20.84 ug/ml



#9 ortho-Terphenyl (SURR)

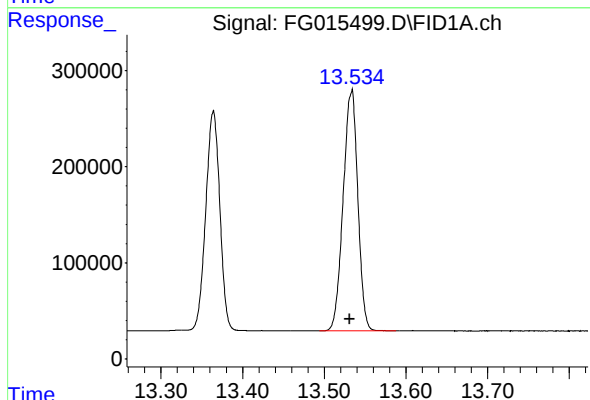
R.T.: 11.920 min
Delta R.T.: 0.003 min
Response: 3400027
Conc: 20.51 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



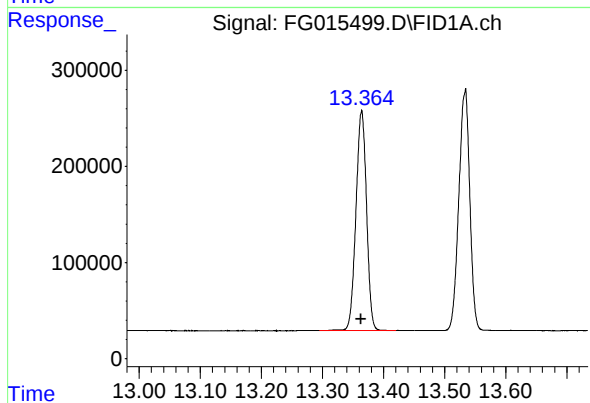
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.002 min
Response: 3139543
Conc: 20.80 ug/ml



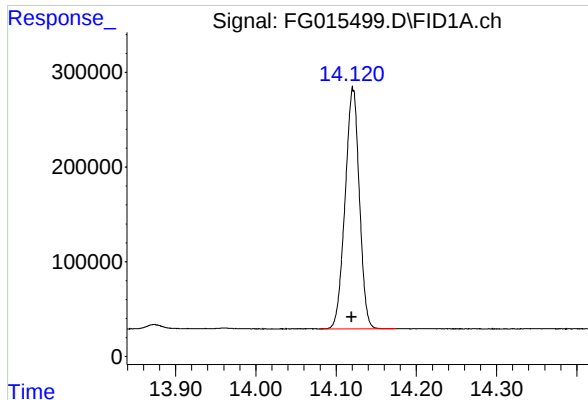
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.003 min
Response: 3128067
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

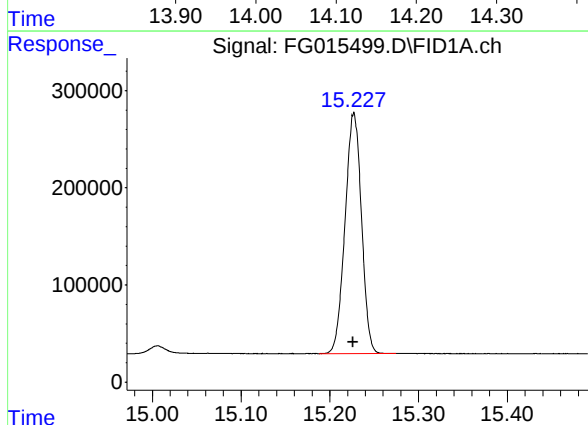
R.T.: 13.364 min
Delta R.T.: 0.001 min
Response: 2756441
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

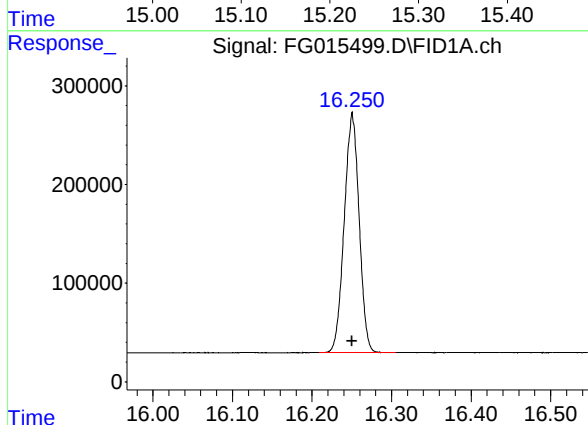
R.T.: 14.121 min
Delta R.T.: 0.002 min
Response: 3148468
Conc: 20.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



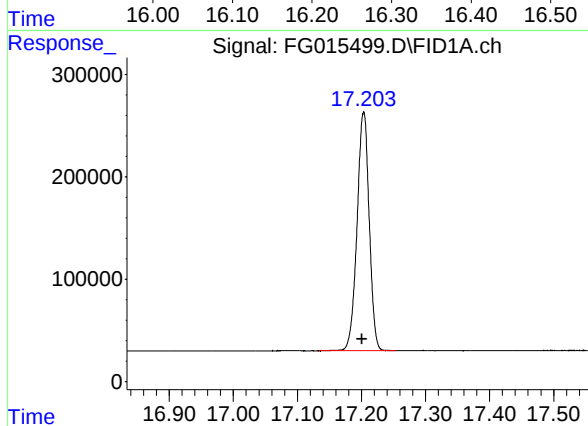
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.000 min
Response: 3187933
Conc: 20.43 ug/ml



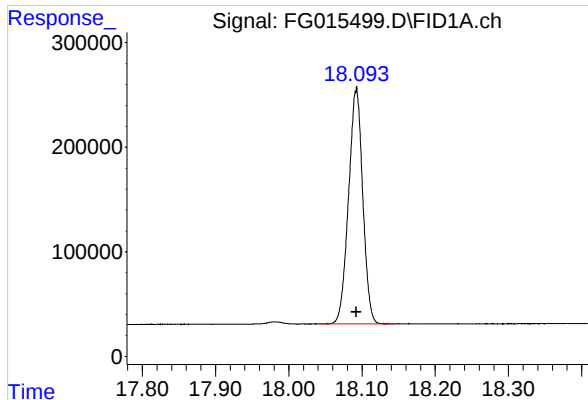
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 3159126
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

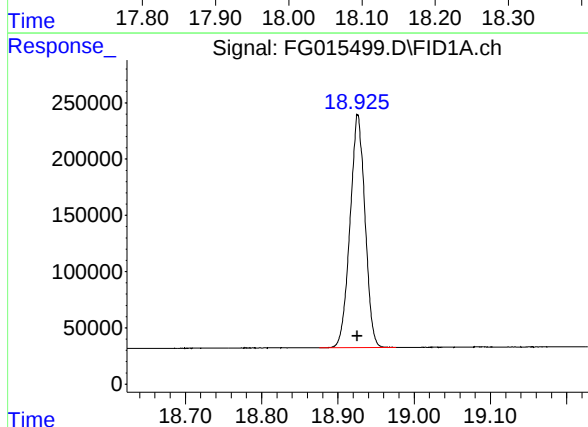
R.T.: 17.204 min
Delta R.T.: 0.003 min
Response: 3073179
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

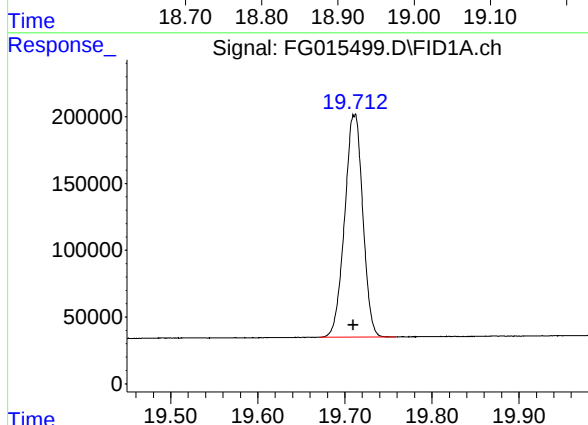
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 3030445
Conc: 18.86 ug/ml

Instrument :
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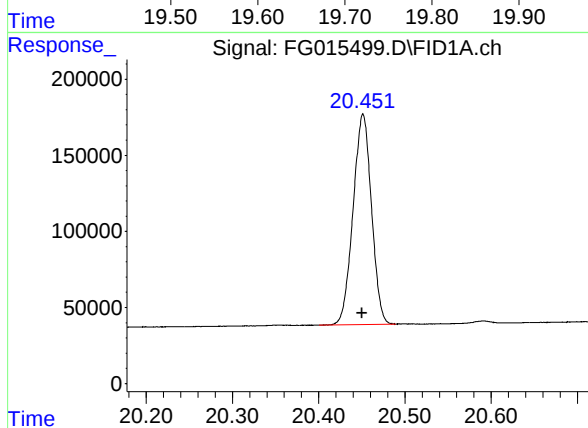
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.000 min
Response: 2824546
Conc: 18.37 ug/ml



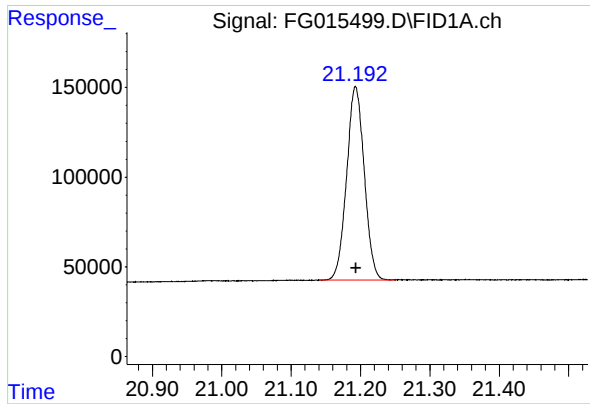
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.002 min
Response: 2416104
Conc: 18.08 ug/ml



#20 n-Hexatriacontane (C36)

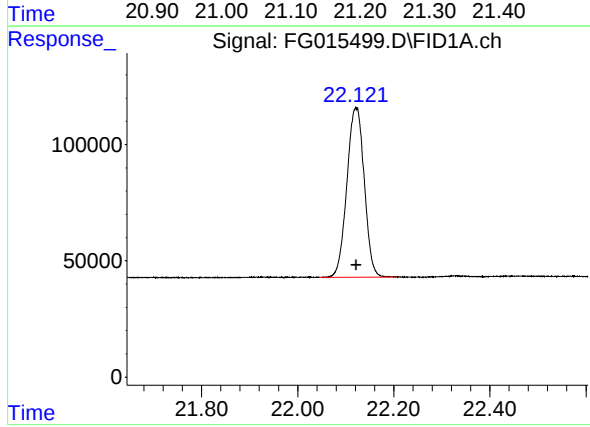
R.T.: 20.451 min
Delta R.T.: 0.001 min
Response: 2048442
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.000 min
Response: 1906609
Conc: 19.60 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.000 min
Response: 1828683
Conc: 20.23 ug/ml