

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015685.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 12:16
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Apr 17 12:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:26:46 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)	11.901	726678	5.012 ug/ml
Spiked Amount 50.000		Recovery =	10.02%
12) S 1-chlorooctadecane (S...	13.347	513369	4.855 ug/ml
Spiked Amount 50.000		Recovery =	9.71%
Target Compounds			
1) T n-Nonane (C9)	3.251	559987	5.011 ug/ml
2) T n-Decane (C10)	4.510	556726	4.965 ug/ml
3) T A~Naphthalene (C11.7)	6.226	526545	4.538 ug/ml
4) T n-Dodecane (C12)	6.689	562393	4.919 ug/ml
5) T A~2-methylnaphthalene...	7.329	470534	4.227 ug/ml
6) T n-Tetradecane (C14)	8.525	550704	4.833 ug/ml
7) T n-Hexadecane (C16)	10.139	569544	4.871 ug/ml
8) T n-Octadecane (C18)	11.586	590472	4.936 ug/ml
10) T n-Eicosane (C20)	12.900	594358	4.995 ug/ml
11) T n-Heneicosane (C21)	13.514	591782	5.003 ug/ml
13) T n-Docosane (C22)	14.102	578526	4.961 ug/ml
14) T n-Tetracosane (C24)	15.209	571063	4.955 ug/ml
15) T n-Hexacosane (C26)	16.233	548030	4.908 ug/ml
16) T n-Octacosane (C28)	17.185	544376	5.002 ug/ml
17) T n-Tricontane (C30)	18.074	561801	5.158 ug/ml
18) T n-Dotriacontane (C32)	18.908	566968	5.270 ug/ml
19) T n-Tetratriacontane (C34)	19.694	541448	5.314 ug/ml
20) T n-Hexatriacontane (C36)	20.434	522794	5.344 ug/ml
21) T n-Octatriacontane (C38)	21.176	498766	5.464 ug/ml
22) T n-Tetracontane (C40)	22.097	481343	5.700 ug/ml

(f)=RT Delta > 1/2 Window

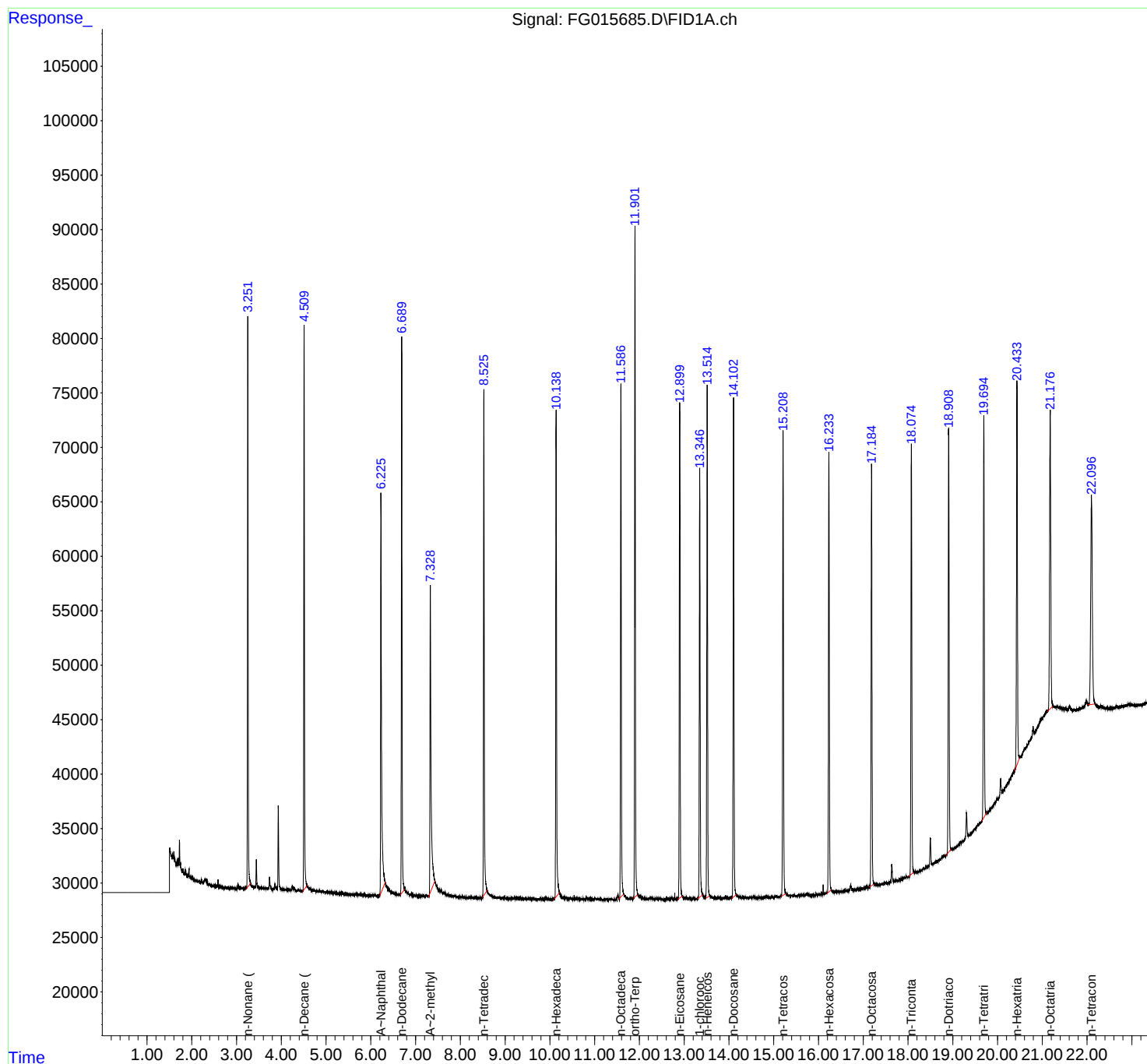
(m)=manual int.

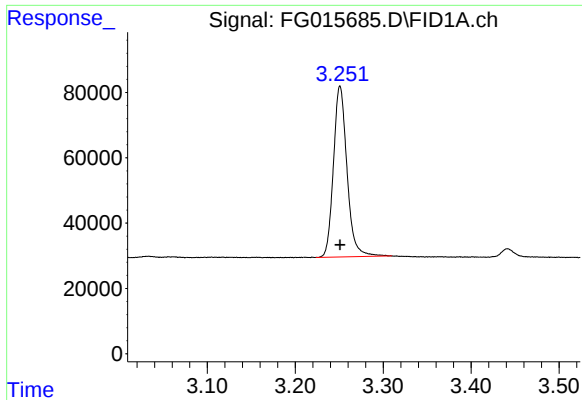
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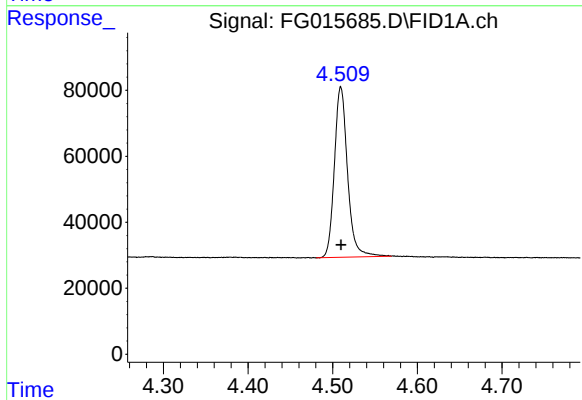




#1 n-Nonane (C9)

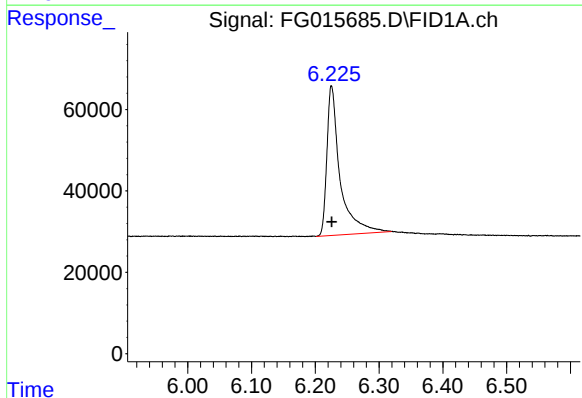
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 559987
Conc: 5.01 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



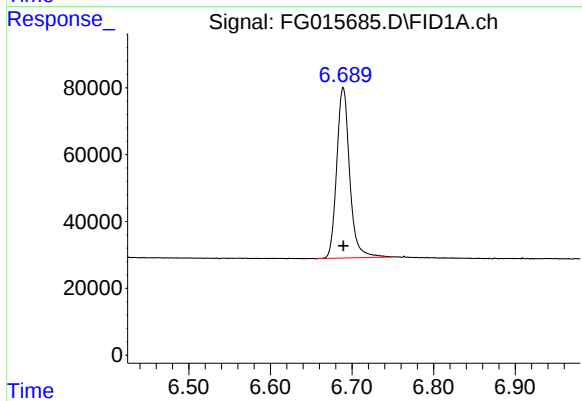
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 556726
Conc: 4.96 ug/ml



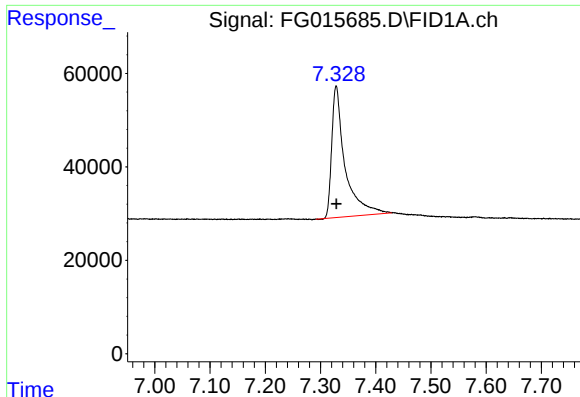
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 526545
Conc: 4.54 ug/ml



#4 n-Dodecane (C12)

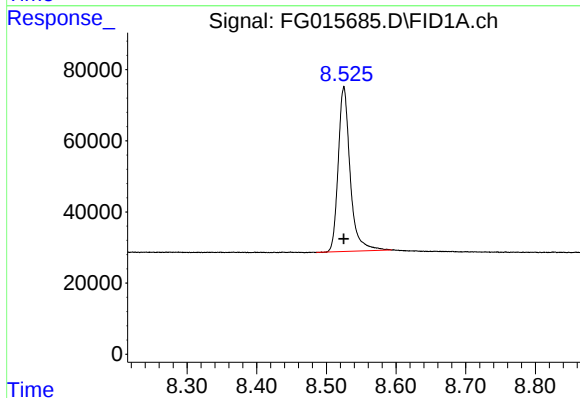
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 562393
Conc: 4.92 ug/ml



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

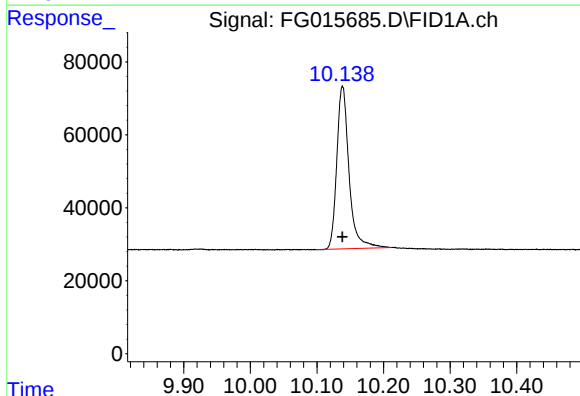
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 470534
Conc: 4.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



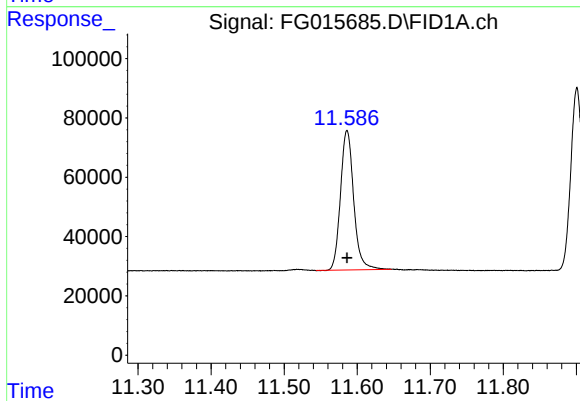
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 550704
Conc: 4.83 ug/ml



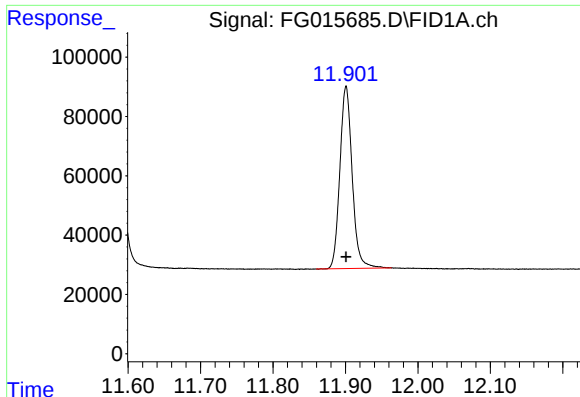
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 569544
Conc: 4.87 ug/ml



#8 n-Octadecane (C18)

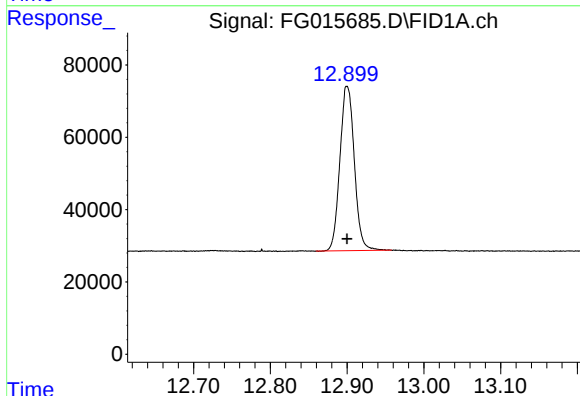
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 590472
Conc: 4.94 ug/ml



#9 ortho-Terphenyl (SURR)

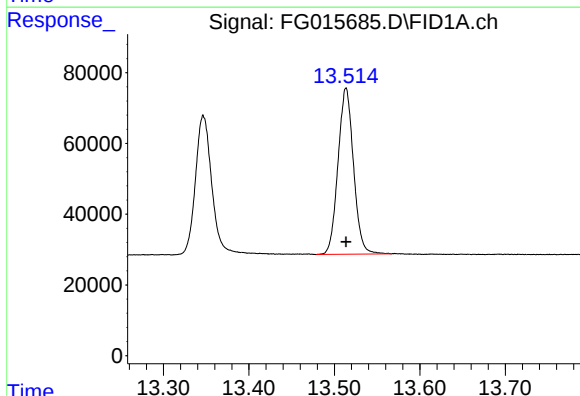
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 726678
Conc: 5.01 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



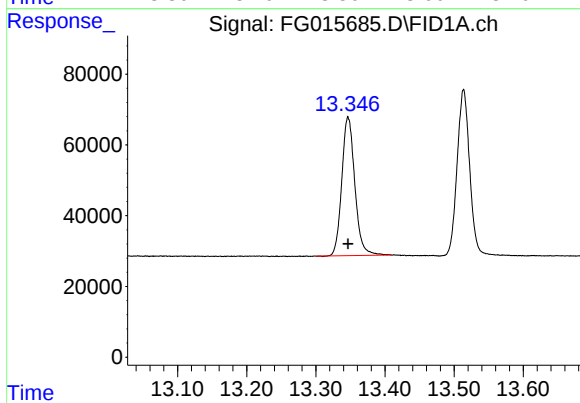
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 594358
Conc: 4.99 ug/ml



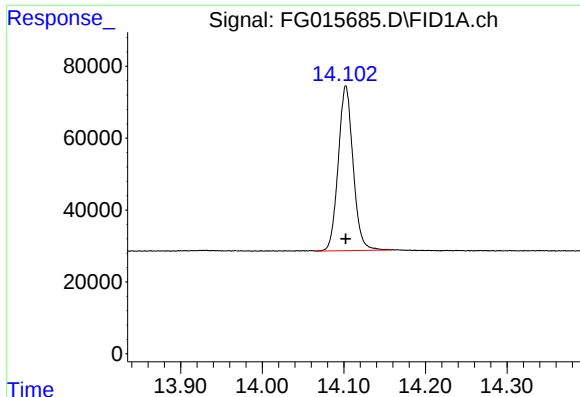
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 591782
Conc: 5.00 ug/ml



#12 1-chlorooctadecane (SURR)

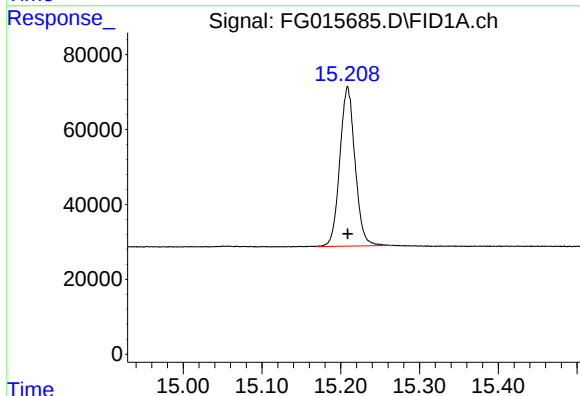
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 513369
Conc: 4.85 ug/ml



#13 n-Docosane (C22)

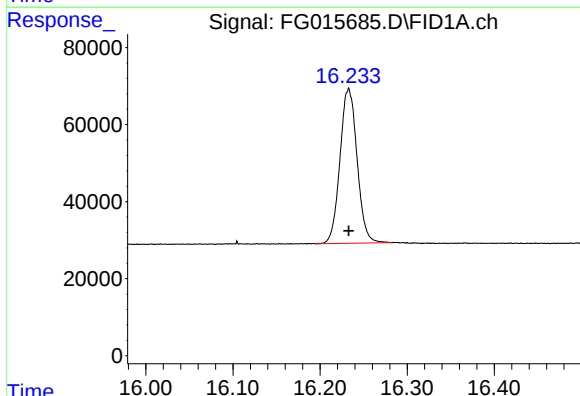
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 578526
Conc: 4.96 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



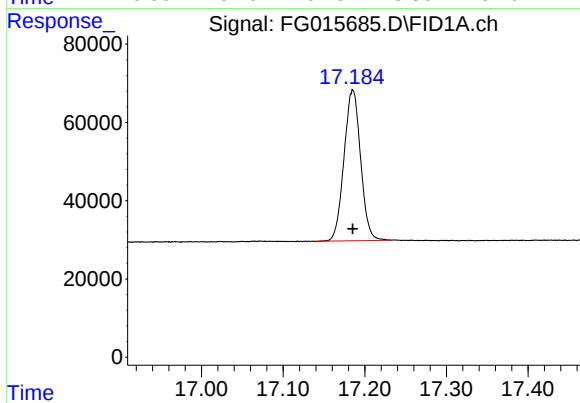
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 571063
Conc: 4.96 ug/ml



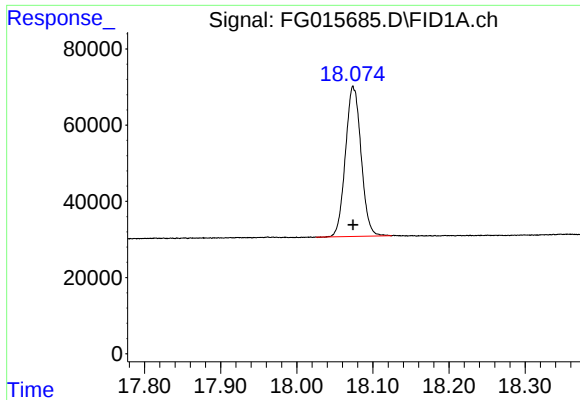
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 548030
Conc: 4.91 ug/ml



#16 n-Octacosane (C28)

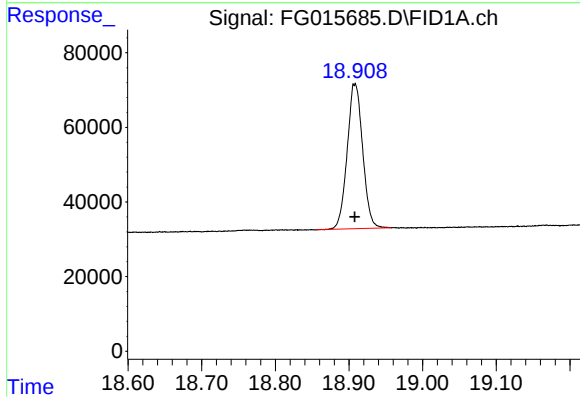
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 544376
Conc: 5.00 ug/ml



#17 n-Tricontane (C30)

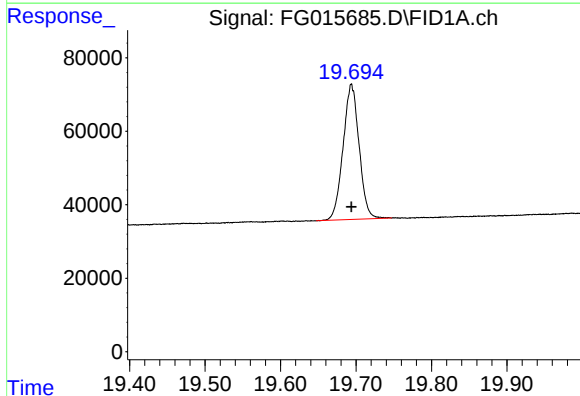
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 561801
Conc: 5.16 ug/ml

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ClientSampleId :
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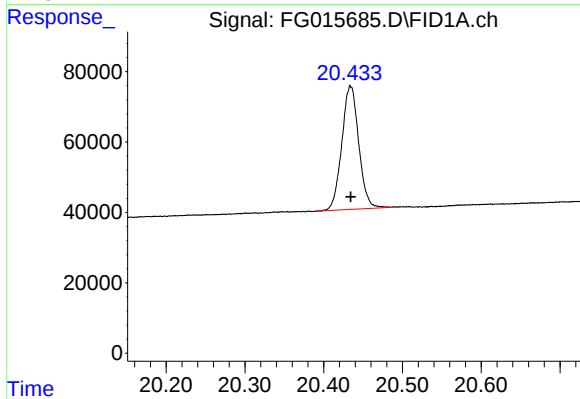
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 566968
Conc: 5.27 ug/ml



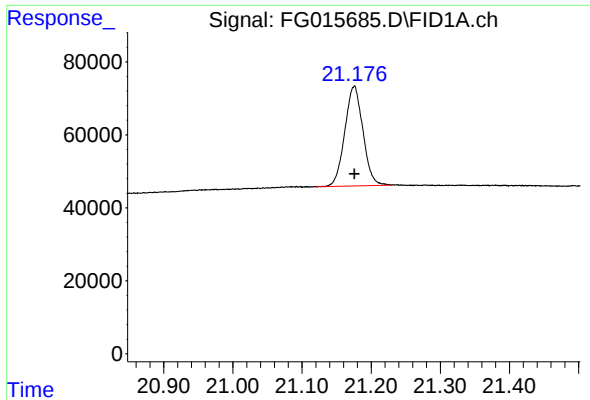
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 541448
Conc: 5.31 ug/ml



#20 n-Hexatriacontane (C36)

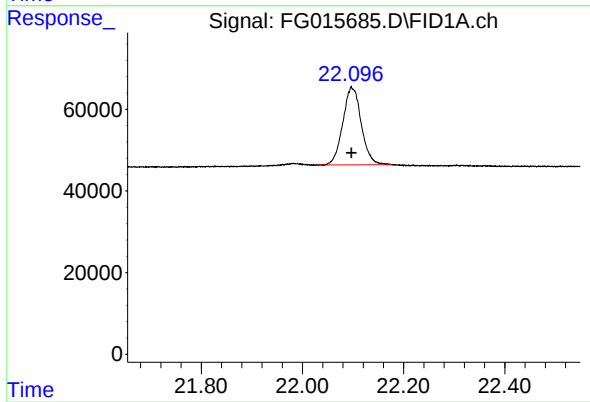
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 522794
Conc: 5.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 498766
Conc: 5.46 ug/ml

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FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: 0.000 min
Response: 481343
Conc: 5.70 ug/ml