

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016751.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 22:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 03 03:05:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:03:56 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)	12.047	2907319	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.493	2276583	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.373	2331175	20.000 ug/ml
2) T n-Decane (C10)	4.633	2376156	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.351	2510153	20.000 ug/ml
4) T n-Dodecane (C12)	6.814	2403415	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.454	2359808	20.000 ug/ml
6) T n-Tetradecane (C14)	8.654	2384092	20.000 ug/ml
7) T n-Hexadecane (C16)	10.272	2511145	20.000 ug/ml
8) T n-Octadecane (C18)	11.725	2629595	20.000 ug/ml
10) T n-Eicosane (C20)	13.044	2604536	20.000 ug/ml
11) T n-Heneicosane (C21)	13.660	2586783	20.000 ug/ml
13) T n-Docosane (C22)	14.250	2598473	20.000 ug/ml
14) T n-Tetracosane (C24)	15.361	2630497	20.000 ug/ml
15) T n-Hexacosane (C26)	16.389	2609735	20.000 ug/ml
16) T n-Octacosane (C28)	17.344	2539889	20.000 ug/ml
17) T n-Tricontane (C30)	18.237	2522097	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.074	2368908	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2123364	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.606	1815186	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.382	1632768	20.000 ug/ml
22) T n-Tetracontane (C40)	22.367	1500809	20.000 ug/ml

(f)=RT Delta > 1/2 Window

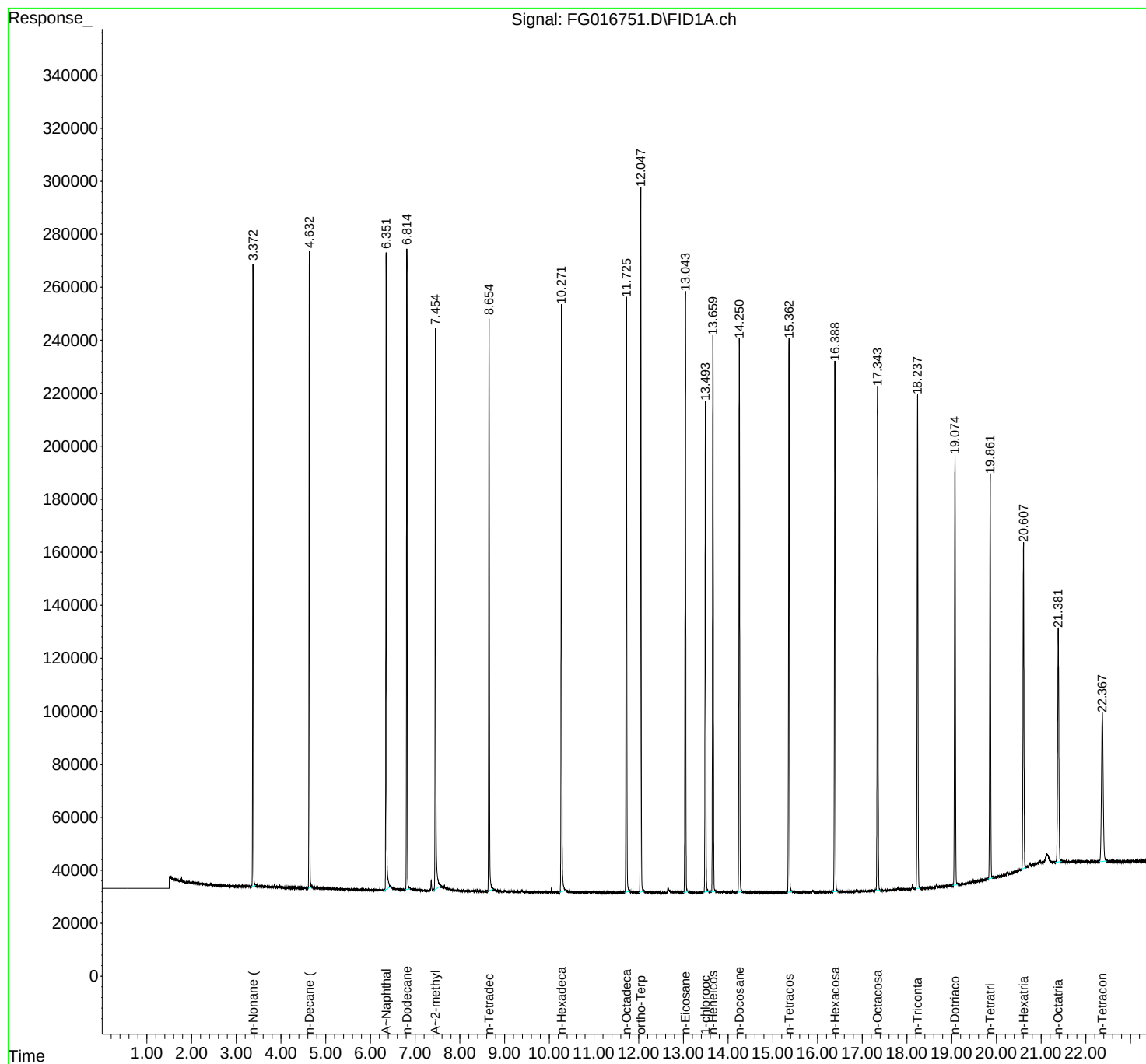
(m)=manual int.

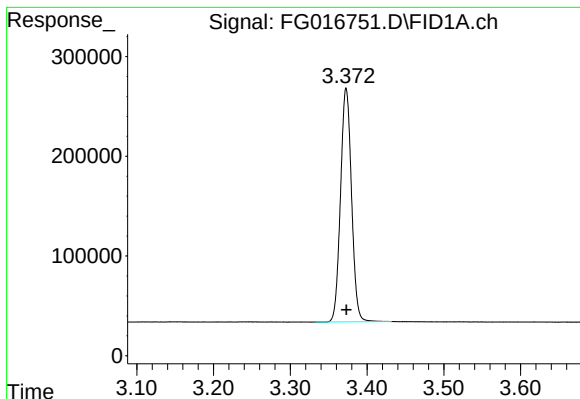
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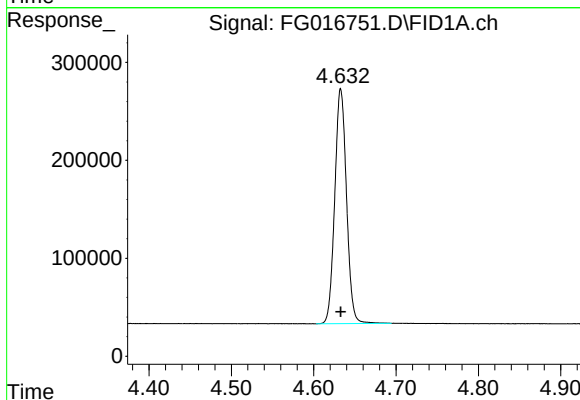




#1 n-Nonane (C9)

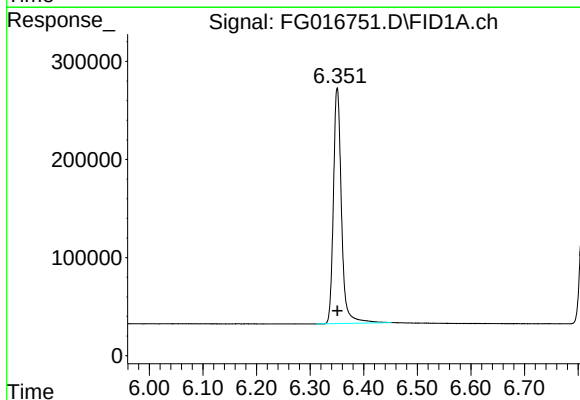
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 2331175
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



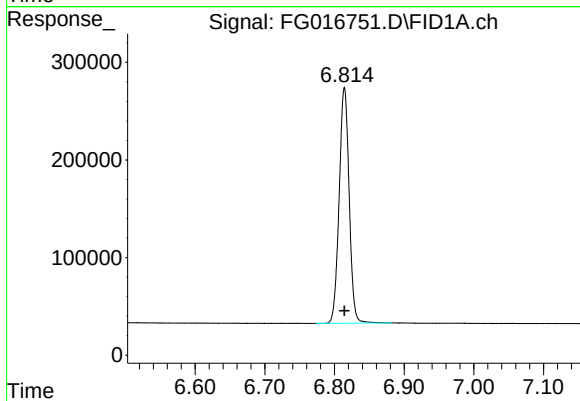
#2 n-Decane (C10)

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 2376156
Conc: 20.00 ug/ml



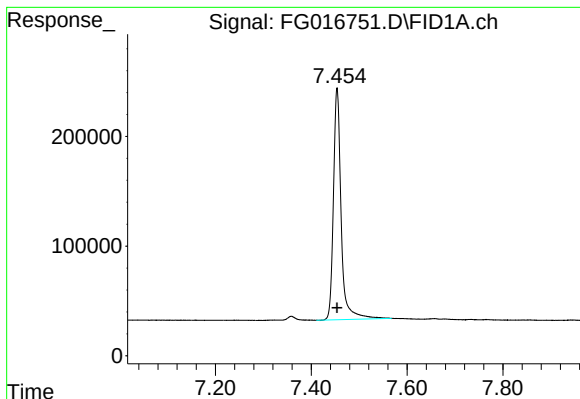
#3 A~Naphthalene (C11.7)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 2510153
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

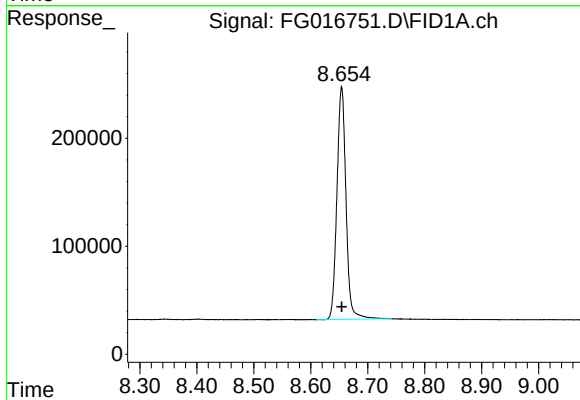
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 2403415
Conc: 20.00 ug/ml



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

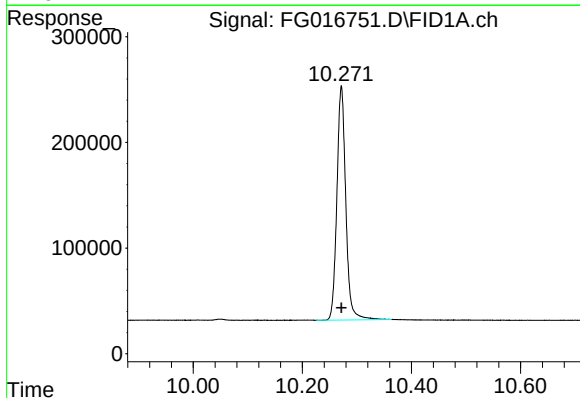
R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 2359808
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



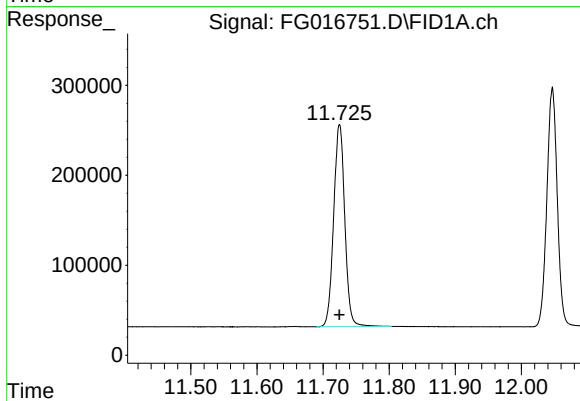
#6 n-Tetradecane (C14)

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 2384092
Conc: 20.00 ug/ml



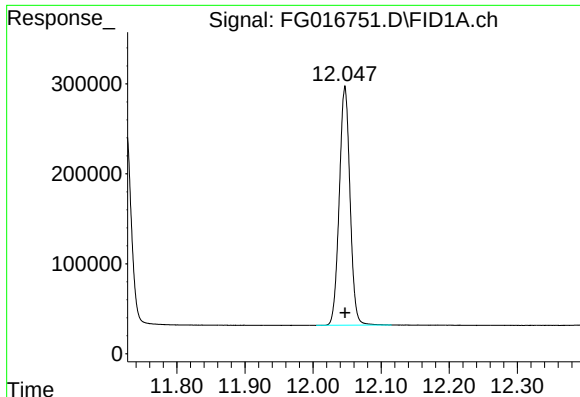
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 2511145
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

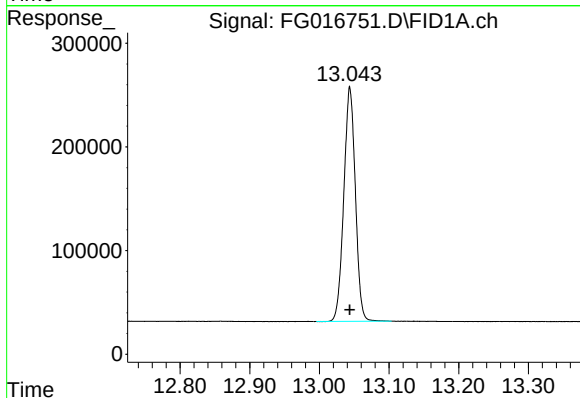
R.T.: 11.725 min
Delta R.T.: 0.000 min
Response: 2629595
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

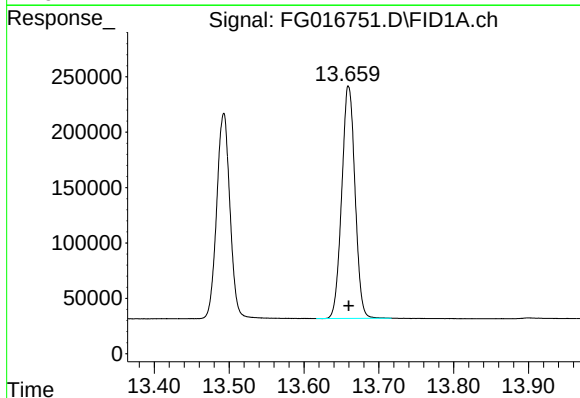
R.T.: 12.047 min
Delta R.T.: 0.000 min
Response: 2907319
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



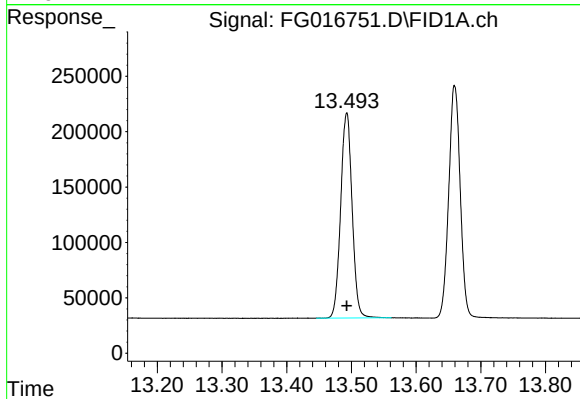
#10 n-Eicosane (C20)

R.T.: 13.044 min
Delta R.T.: 0.000 min
Response: 2604536
Conc: 20.00 ug/ml



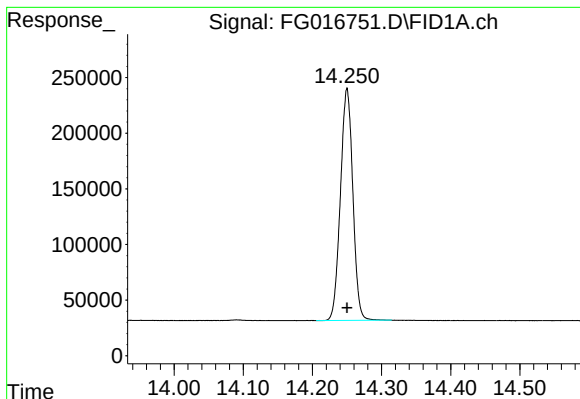
#11 n-Heneicosane (C21)

R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 2586783
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

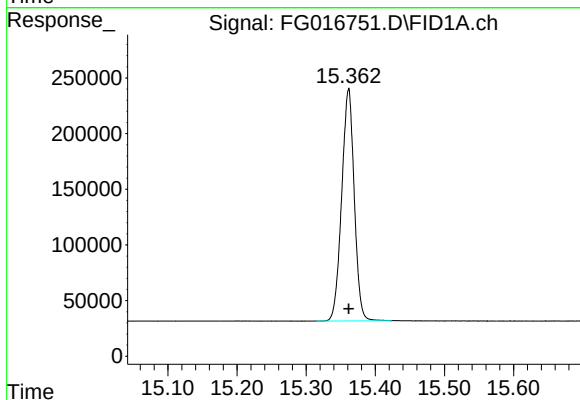
R.T.: 13.493 min
Delta R.T.: 0.000 min
Response: 2276583
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

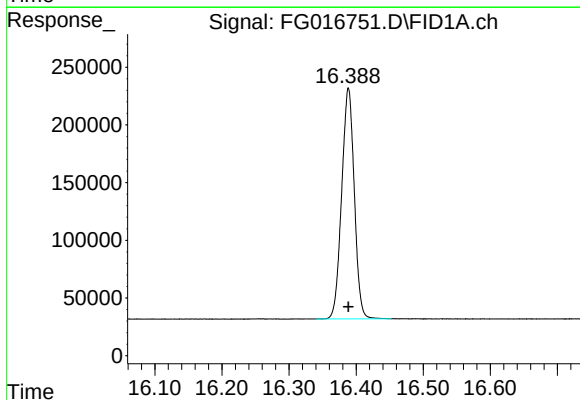
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 2598473
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



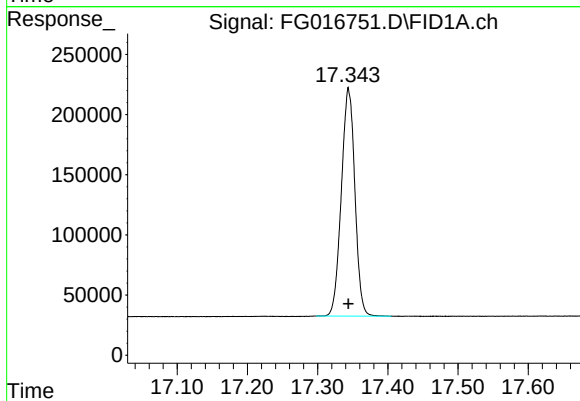
#14 n-Tetracosane (C24)

R.T.: 15.361 min
Delta R.T.: 0.000 min
Response: 2630497
Conc: 20.00 ug/ml



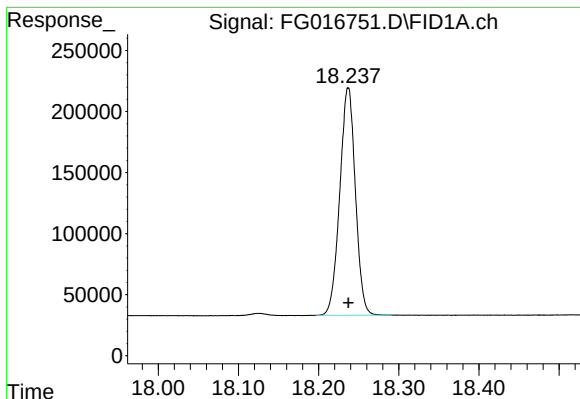
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: 0.000 min
Response: 2609735
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

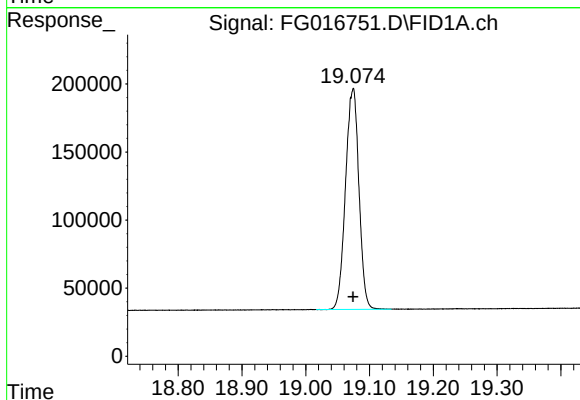
R.T.: 17.344 min
Delta R.T.: 0.000 min
Response: 2539889
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

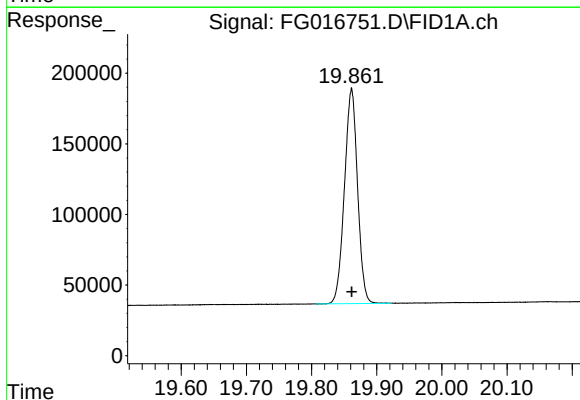
R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2522097
Conc: 20.00 ug/ml

Instrument :
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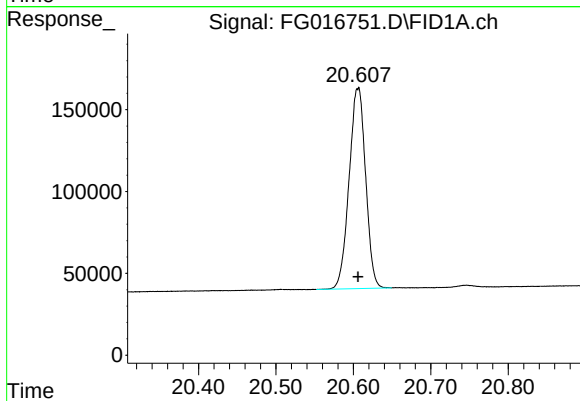
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2368908
Conc: 20.00 ug/ml



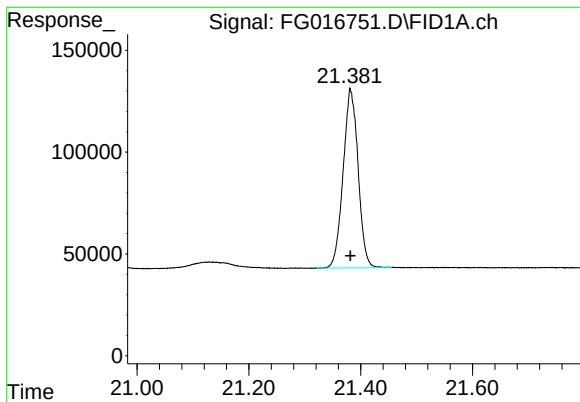
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.000 min
Response: 2123364
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

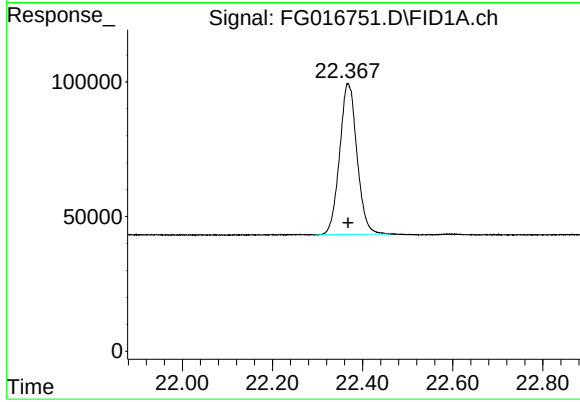
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 1815186
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.000 min
Response: 1632768
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: 0.000 min
Response: 1500809
Conc: 20.00 ug/ml