

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016849.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 15:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 29 15:59:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 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)	12.040	2941633	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.485	2246048	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.366	2372266	20.000 ug/ml
2) T n-Decane (C10)	4.626	2424932	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.344	2492344	20.000 ug/ml
4) T n-Dodecane (C12)	6.806	2457097	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.447	2312070	20.000 ug/ml
6) T n-Tetradecane (C14)	8.646	2412151	20.000 ug/ml
7) T n-Hexadecane (C16)	10.263	2508377	20.000 ug/ml
8) T n-Octadecane (C18)	11.717	2624333	20.000 ug/ml
10) T n-Eicosane (C20)	13.036	2598091	20.000 ug/ml
11) T n-Heneicosane (C21)	13.652	2582256	20.000 ug/ml
13) T n-Docosane (C22)	14.242	2582634	20.000 ug/ml
14) T n-Tetracosane (C24)	15.354	2595371	20.000 ug/ml
15) T n-Hexacosane (C26)	16.382	2571602	20.000 ug/ml
16) T n-Octacosane (C28)	17.339	2528828	20.000 ug/ml
17) T n-Tricontane (C30)	18.233	2587123	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.069	2492426	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2248838	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1908352	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.379	1678792	20.000 ug/ml
22) T n-Tetracontane (C40)	22.363	1516572	20.000 ug/ml

(f)=RT Delta > 1/2 Window

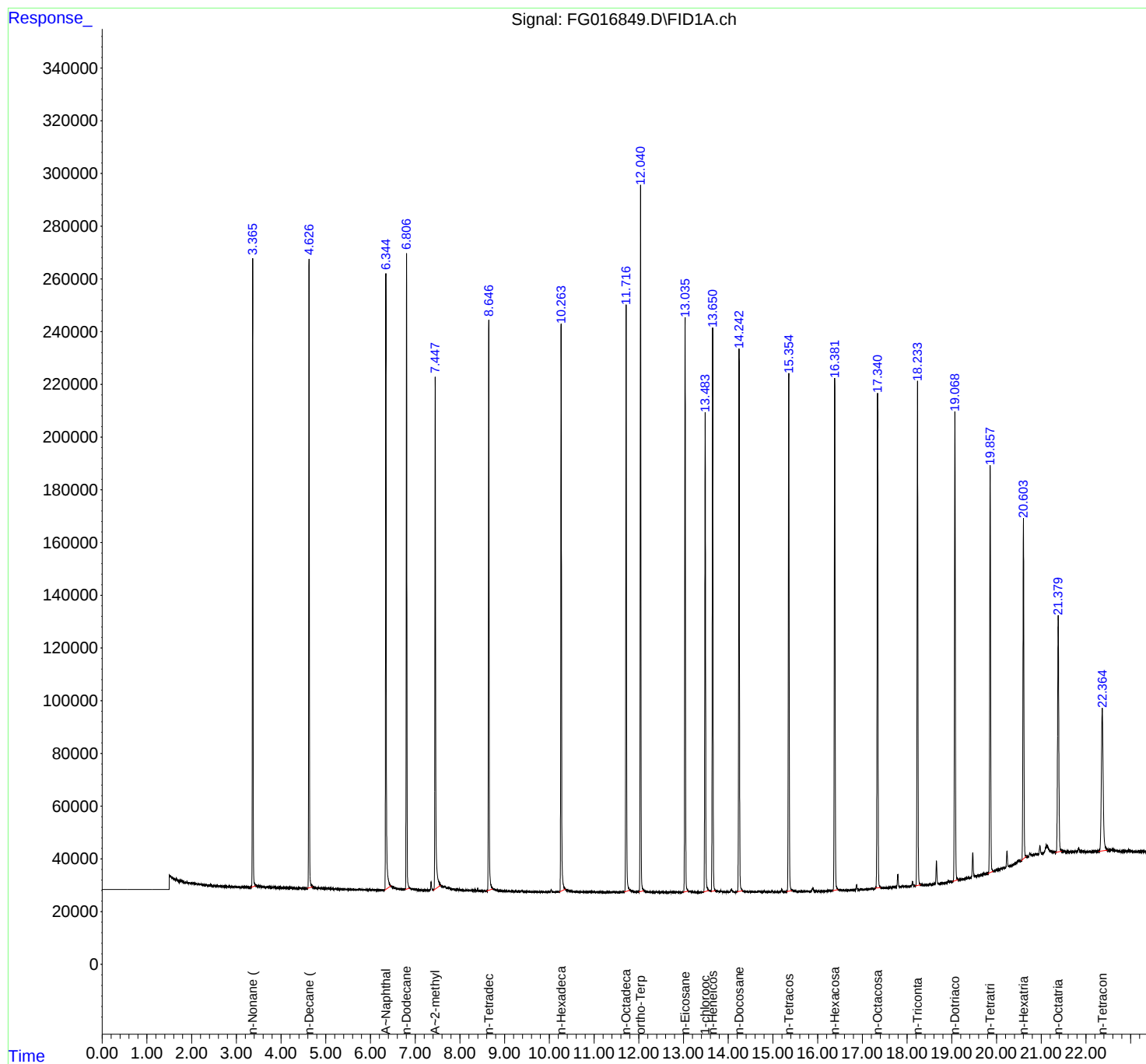
(m)=manual int.

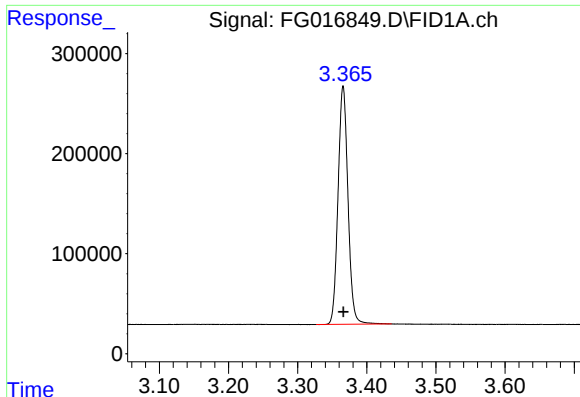
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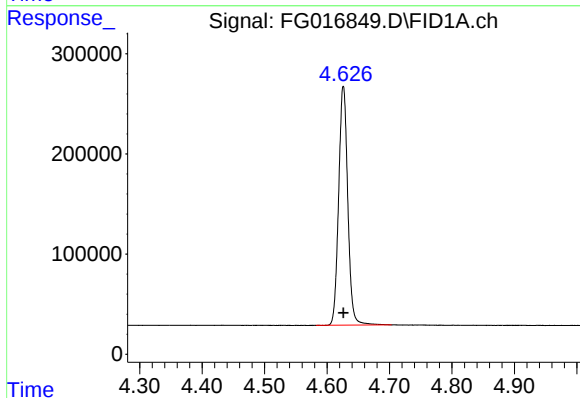




#1 n-Nonane (C9)

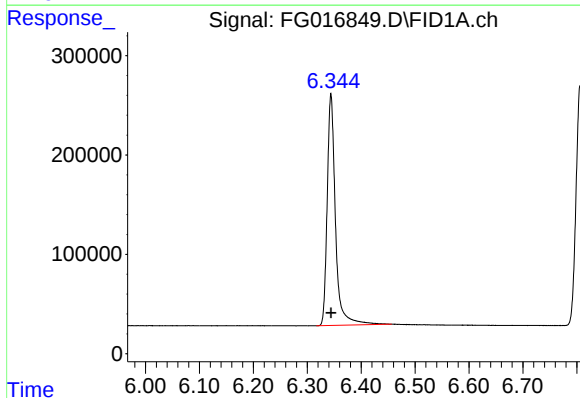
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 2372266
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



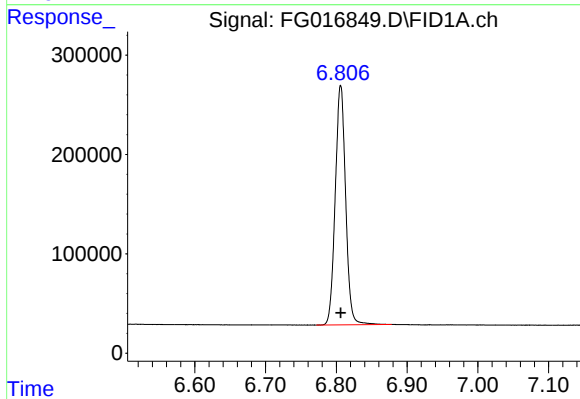
#2 n-Decane (C10)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 2424932
Conc: 20.00 ug/ml



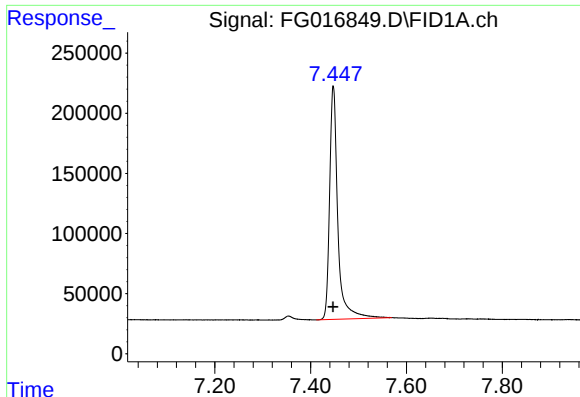
#3 A~Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2492344
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

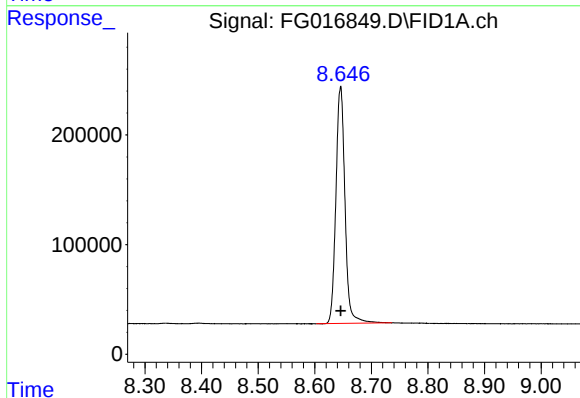
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 2457097
Conc: 20.00 ug/ml



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

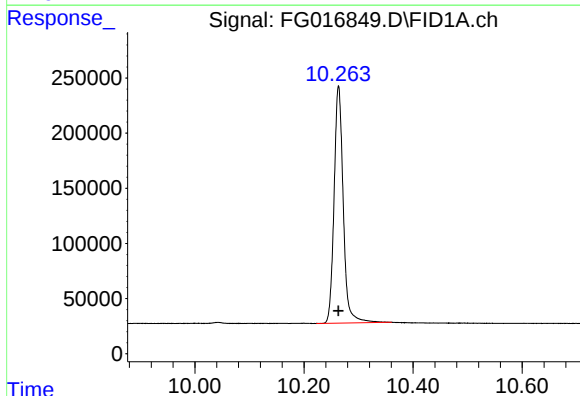
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 2312070
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



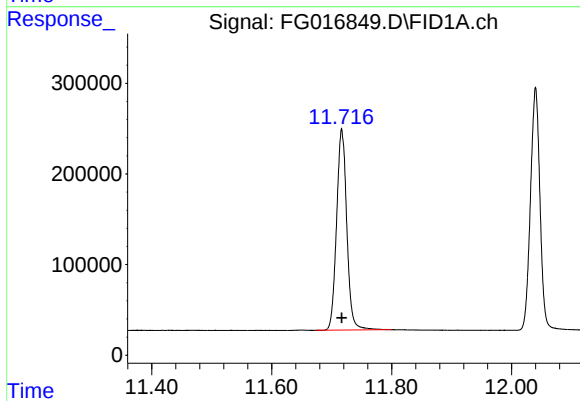
#6 n-Tetradecane (C14)

R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 2412151
Conc: 20.00 ug/ml



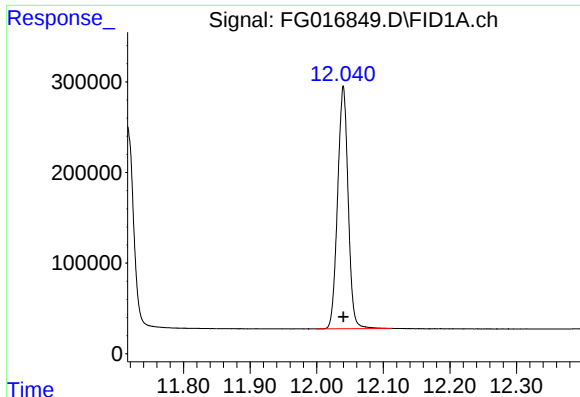
#7 n-Hexadecane (C16)

R.T.: 10.263 min
Delta R.T.: 0.000 min
Response: 2508377
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

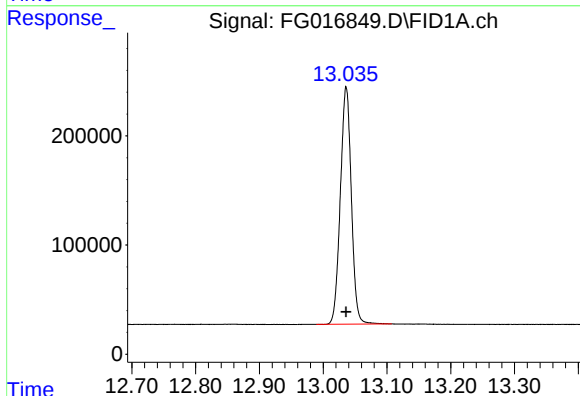
R.T.: 11.717 min
Delta R.T.: 0.000 min
Response: 2624333
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

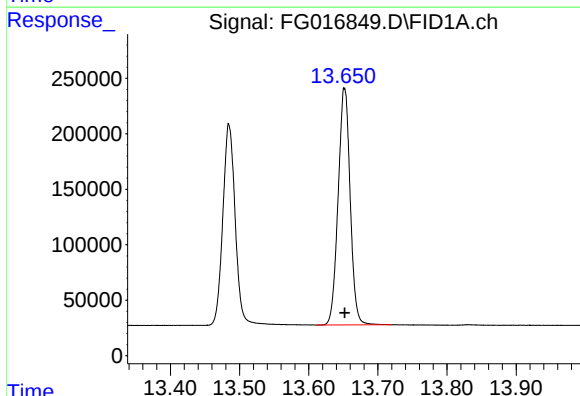
R.T.: 12.040 min
Delta R.T.: 0.000 min
Response: 2941633
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



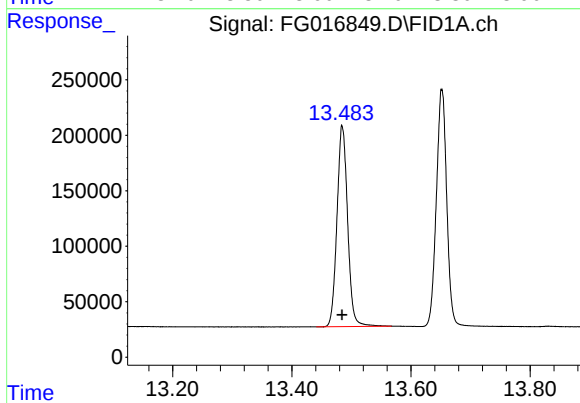
#10 n-Eicosane (C20)

R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2598091
Conc: 20.00 ug/ml



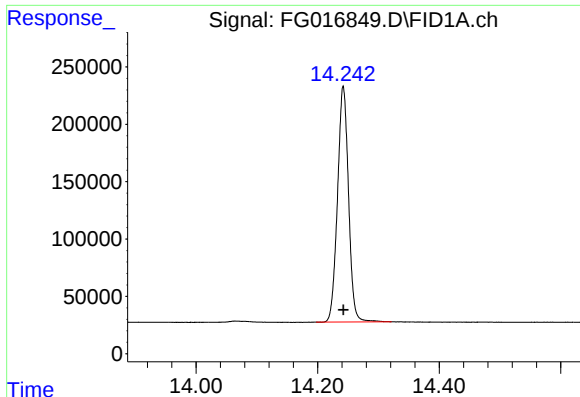
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: 0.000 min
Response: 2582256
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

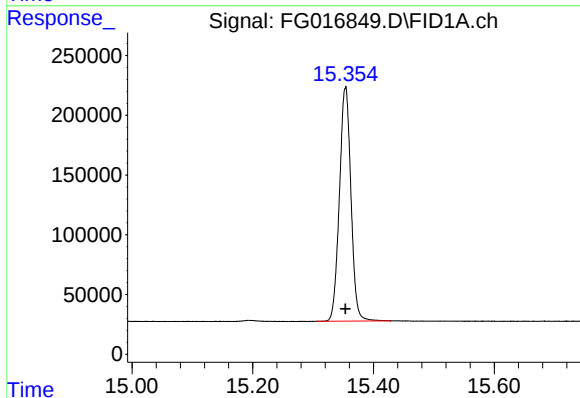
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 2246048
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

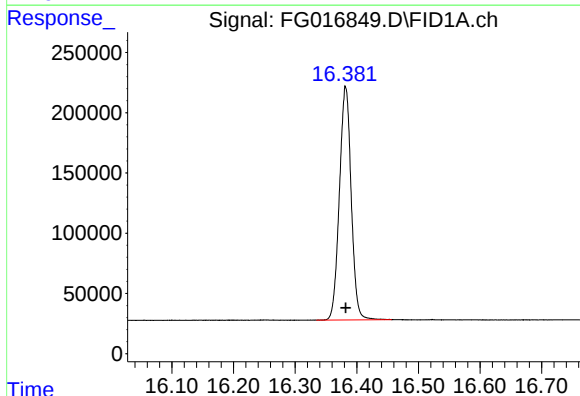
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2582634
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



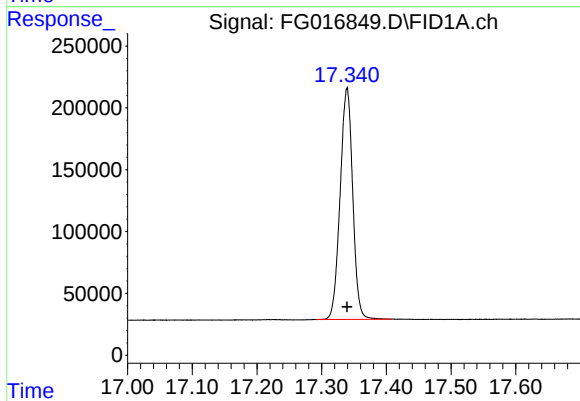
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.000 min
Response: 2595371
Conc: 20.00 ug/ml



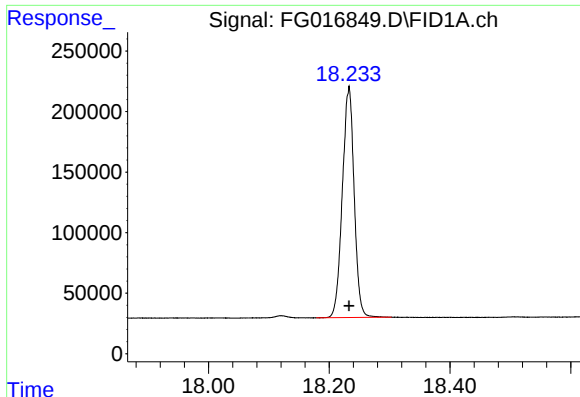
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 2571602
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

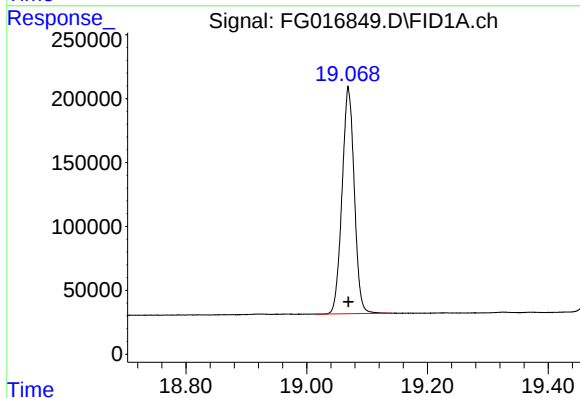
R.T.: 17.339 min
Delta R.T.: 0.000 min
Response: 2528828
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

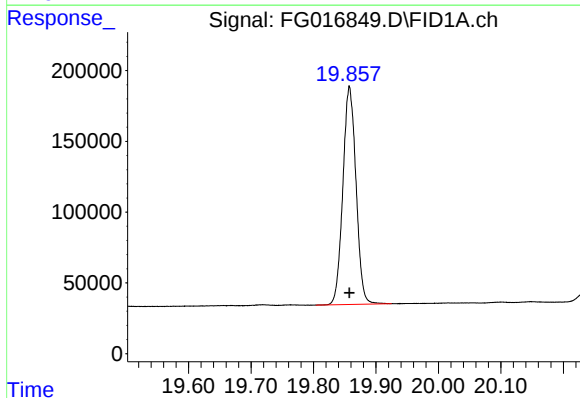
R.T.: 18.233 min
Delta R.T.: 0.000 min
Response: 2587123
Conc: 20.00 ug/ml

Instrument :
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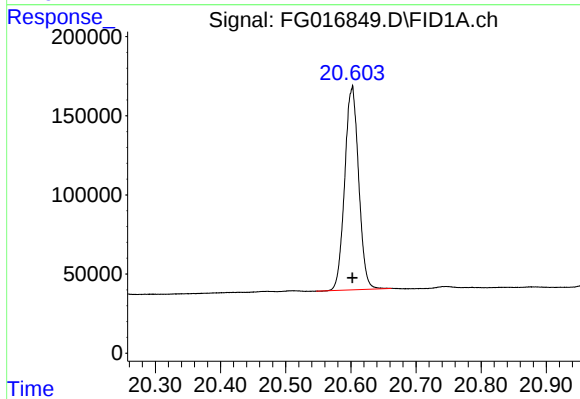
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.000 min
Response: 2492426
Conc: 20.00 ug/ml



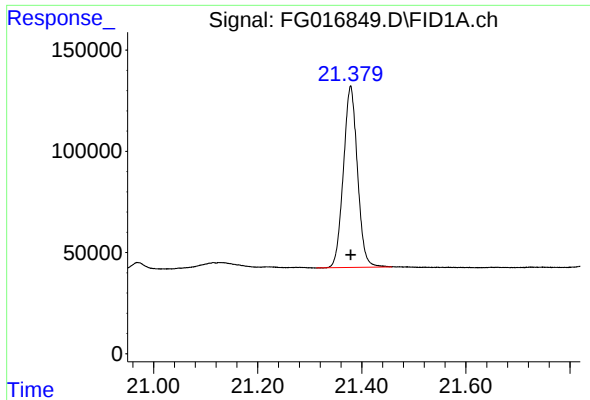
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 2248838
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

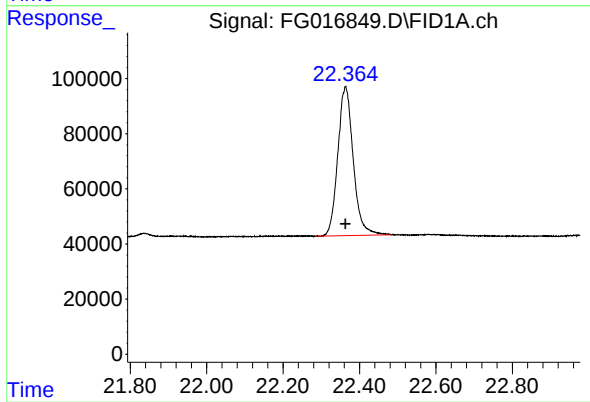
R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 1908352
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.000 min
Response: 1678792
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: 0.000 min
Response: 1516572
Conc: 20.00 ug/ml