

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016956.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 10:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 23:49:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.031	3324212	21.049 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.476	2514025	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.358	2664934	21.390 ug/ml
2) T n-Decane (C10)	4.618	2733742	21.353 ug/ml
3) T A~Naphthalene (C11.7)	6.336	2813966	21.507 ug/ml
4) T n-Dodecane (C12)	6.799	2790699	21.404 ug/ml
5) T A~2-methylnaphthalene...	7.439	2634588	21.893 ug/ml
6) T n-Tetradecane (C14)	8.638	2761686	21.617 ug/ml
7) T n-Hexadecane (C16)	10.256	2850446	21.572 ug/ml
8) T n-Octadecane (C18)	11.708	2970587	21.317 ug/ml
10) T n-Eicosane (C20)	13.027	2945568	21.073 ug/ml
11) T n-Heneicosane (C21)	13.643	2915645	20.971 ug/ml
13) T n-Docosane (C22)	14.234	2926965	20.688 ug/ml
14) T n-Tetracosane (C24)	15.344	2914495	19.823 ug/ml
15) T n-Hexacosane (C26)	16.372	2850726	19.431 ug/ml
16) T n-Octacosane (C28)	17.329	2782659	18.903 ug/ml
17) T n-Tricontane (C30)	18.221	2808187	18.559 ug/ml
18) T n-Dotriacontane (C32)	19.059	2695820	18.288 ug/ml
19) T n-Tetratriacontane (C34)	19.847	2391857	18.561 ug/ml
20) T n-Hexatriacontane (C36)	20.591	2011254	19.432 ug/ml
21) T n-Octatriacontane (C38)	21.364	1794514	20.355 ug/ml
22) T n-Tetracontane (C40)	22.345	1617623	20.659 ug/ml

(f)=RT Delta > 1/2 Window

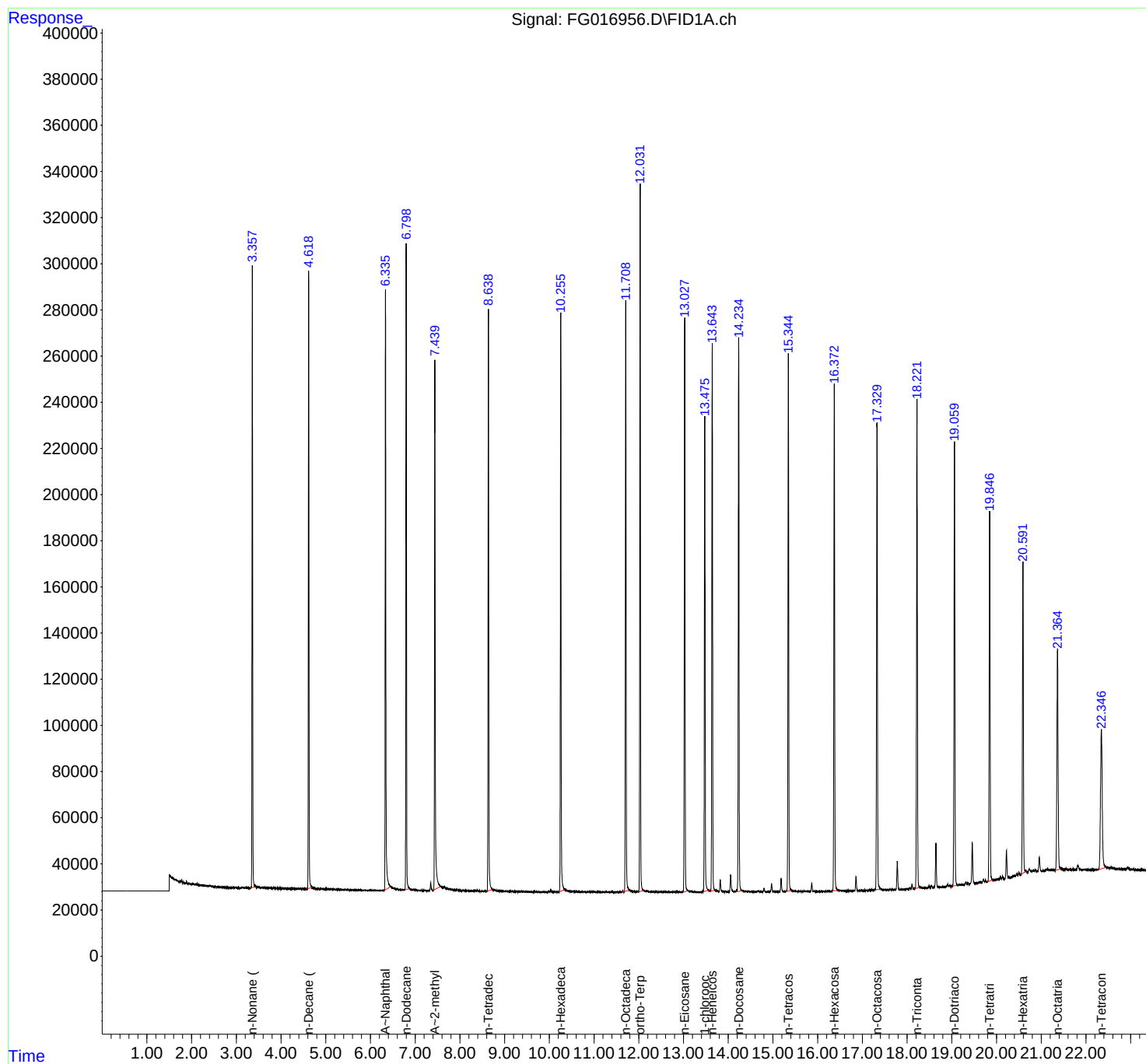
(m)=manual int.

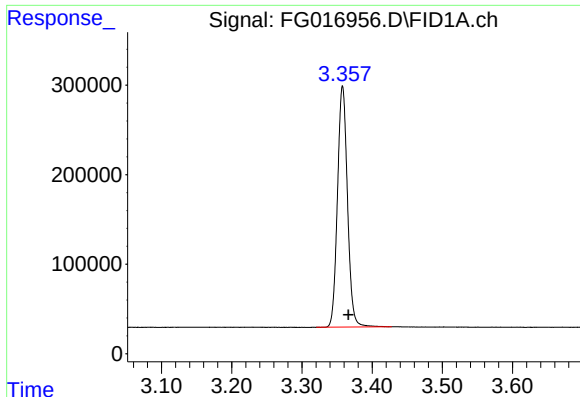
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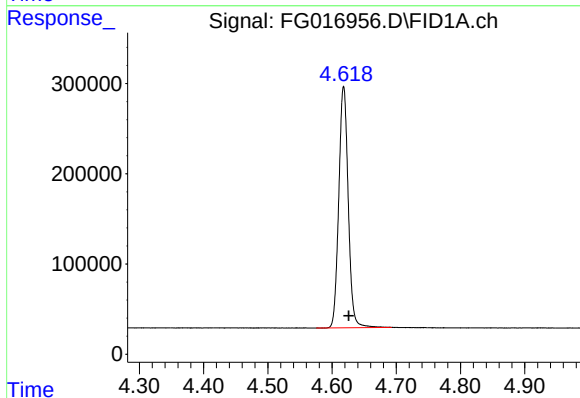




#1 n-Nonane (C9)

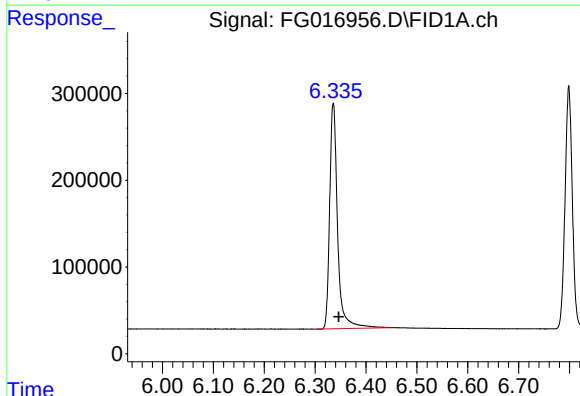
R.T.: 3.358 min
Delta R.T.: -0.008 min
Response: 2664934
Conc: 21.39 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



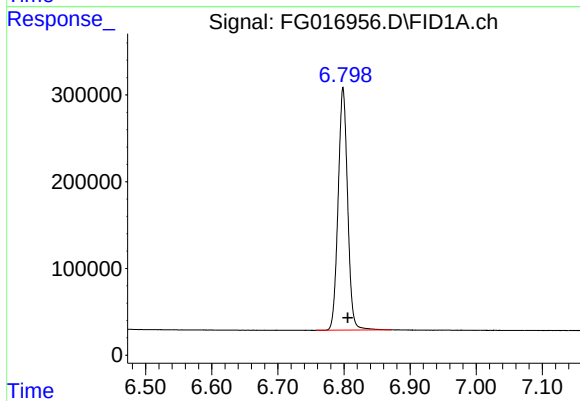
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: -0.008 min
Response: 2733742
Conc: 21.35 ug/ml



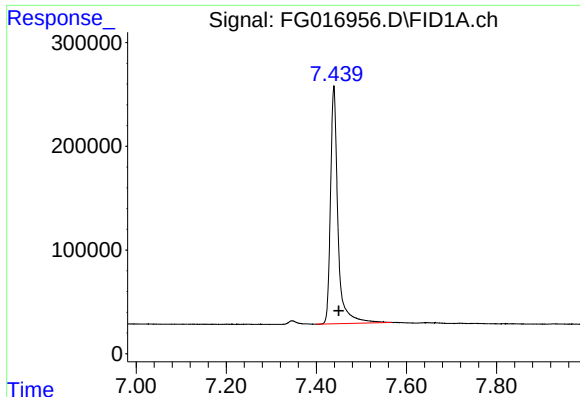
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 2813966
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

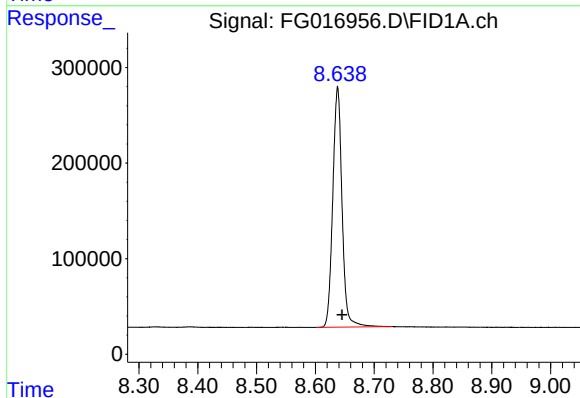
R.T.: 6.799 min
Delta R.T.: -0.007 min
Response: 2790699
Conc: 21.40 ug/ml



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

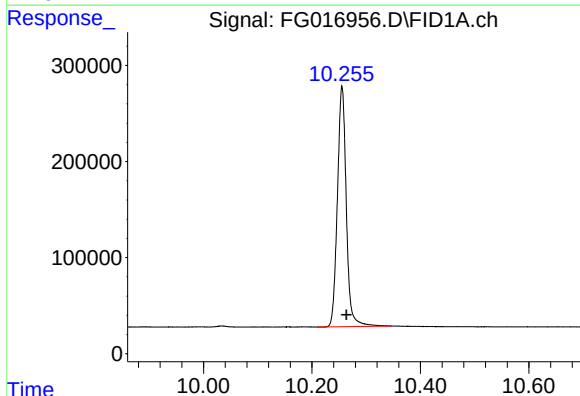
R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 2634588
Conc: 21.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



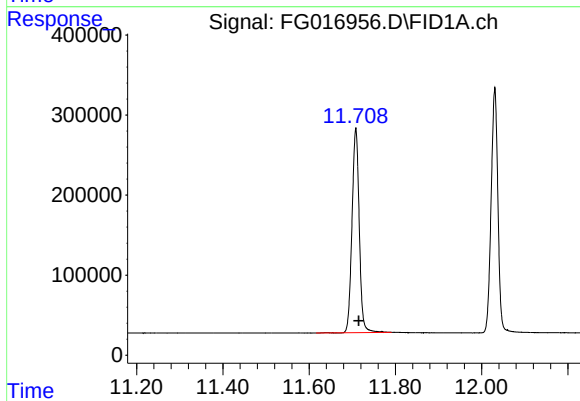
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: -0.007 min
Response: 2761686
Conc: 21.62 ug/ml



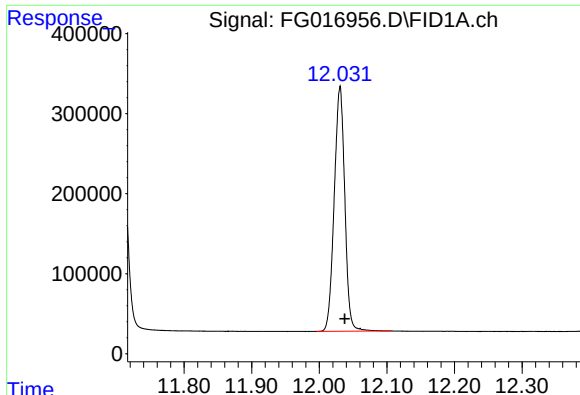
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: -0.008 min
Response: 2850446
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

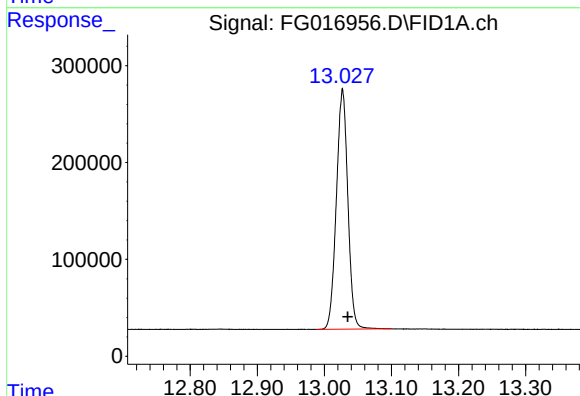
R.T.: 11.708 min
Delta R.T.: -0.007 min
Response: 2970587
Conc: 21.32 ug/ml



#9 ortho-Terphenyl (SURR)

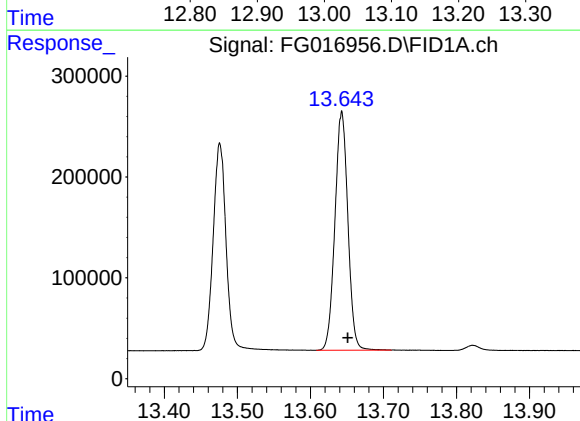
R.T.: 12.031 min
Delta R.T.: -0.007 min
Response: 3324212
Conc: 21.05 ug/ml

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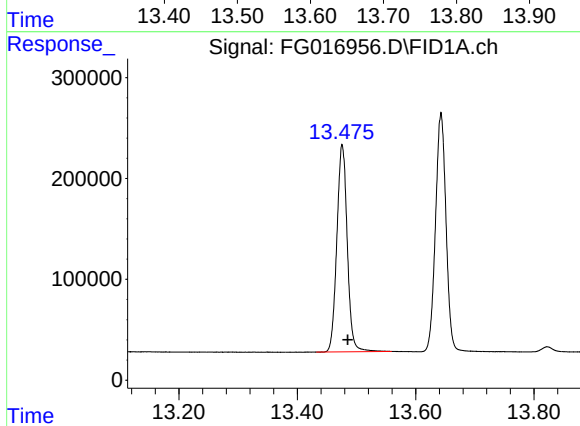
#10 n-Eicosane (C20)

R.T.: 13.027 min
Delta R.T.: -0.008 min
Response: 2945568
Conc: 21.07 ug/ml



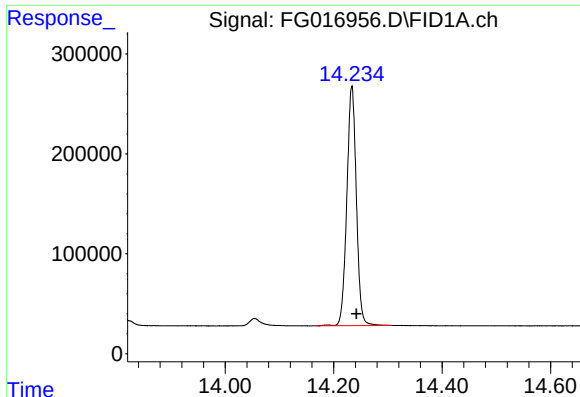
#11 n-Heneicosane (C21)

R.T.: 13.643 min
Delta R.T.: -0.008 min
Response: 2915645
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

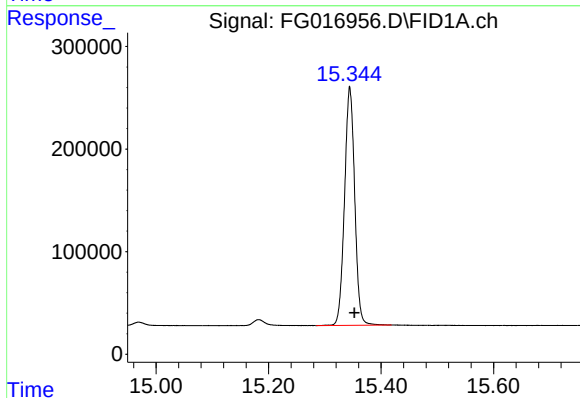
R.T.: 13.476 min
Delta R.T.: -0.009 min
Response: 2514025
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

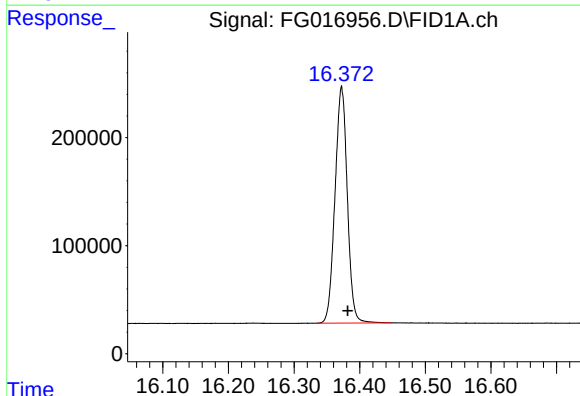
R.T.: 14.234 min
Delta R.T.: -0.008 min
Response: 2926965
Conc: 20.69 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



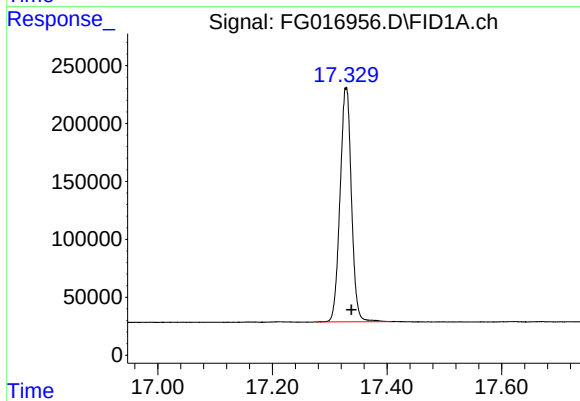
#14 n-Tetracosane (C24)

R.T.: 15.344 min
Delta R.T.: -0.008 min
Response: 2914495
Conc: 19.82 ug/ml



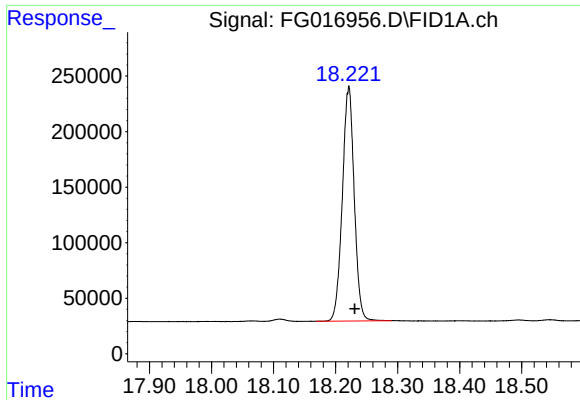
#15 n-Hexacosane (C26)

R.T.: 16.372 min
Delta R.T.: -0.009 min
Response: 2850726
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

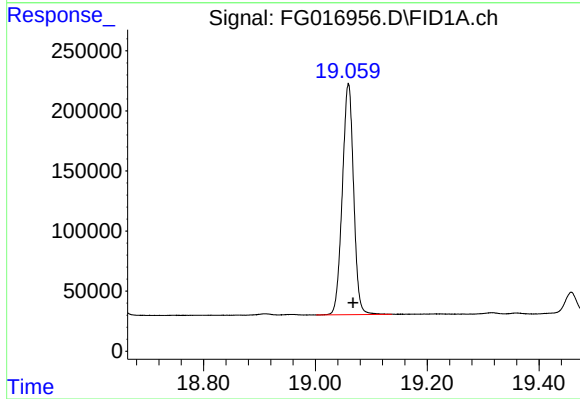
R.T.: 17.329 min
Delta R.T.: -0.009 min
Response: 2782659
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

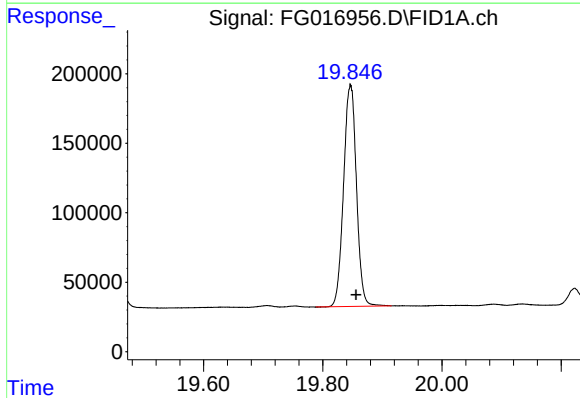
R.T.: 18.221 min
Delta R.T.: -0.009 min
Response: 2808187
Conc: 18.56 ug/ml

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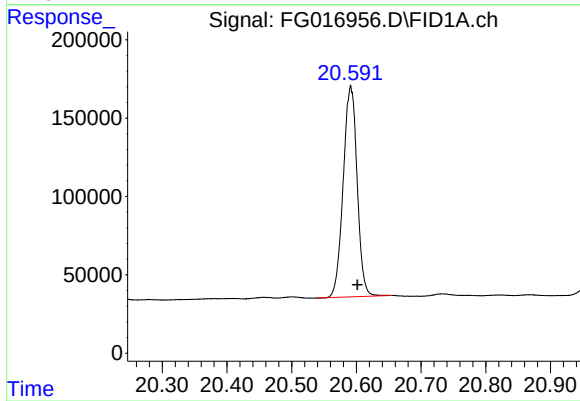
#18 n-Dotriacontane (C32)

R.T.: 19.059 min
Delta R.T.: -0.008 min
Response: 2695820
Conc: 18.29 ug/ml



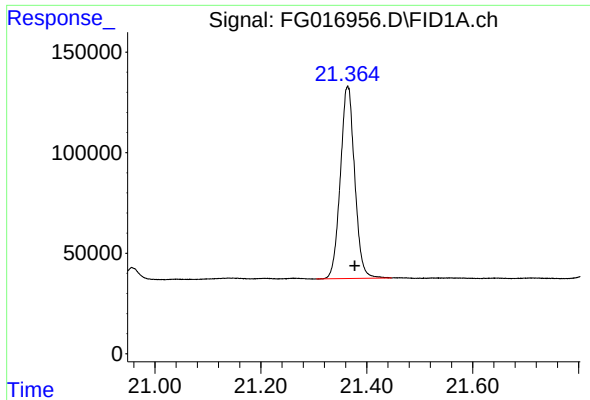
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.009 min
Response: 2391857
Conc: 18.56 ug/ml



#20 n-Hexatriacontane (C36)

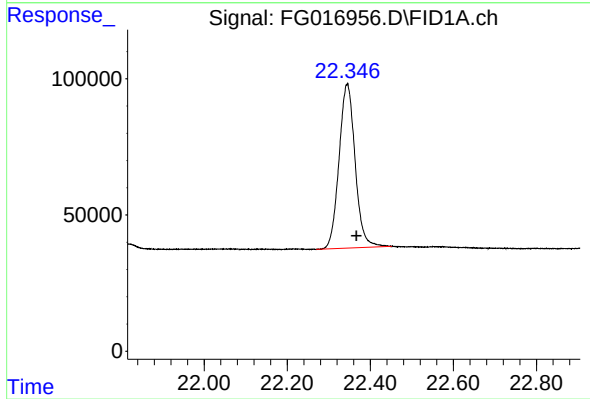
R.T.: 20.591 min
Delta R.T.: -0.010 min
Response: 2011254
Conc: 19.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.013 min
Response: 1794514
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.345 min
Delta R.T.: -0.022 min
Response: 1617623
Conc: 20.66 ug/ml