

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111925AL\
 Data File : FG016953.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2025 16:23
 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 00:42:40 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	3189274	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	13.477	2409986	20.011 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.357	2626734	21.083 ug/ml
2) T n-Decane (C10)	4.617	2685786	20.979 ug/ml
3) T A~Naphthalene (C11.7)	6.335	2679365	20.478 ug/ml
4) T n-Dodecane (C12)	6.799	2660536	20.405 ug/ml
5) T A~2-methylnaphthalene...	7.439	2515776	20.906 ug/ml
6) T n-Tetradecane (C14)	8.638	2623902	20.539 ug/ml
7) T n-Hexadecane (C16)	10.256	2717808	20.568 ug/ml
8) T n-Octadecane (C18)	11.709	2839840	20.378 ug/ml
10) T n-Eicosane (C20)	13.027	2810938	20.110 ug/ml
11) T n-Heneicosane (C21)	13.644	2792132	20.082 ug/ml
13) T n-Docosane (C22)	14.234	2774758	19.612 ug/ml
14) T n-Tetracosane (C24)	15.346	2766503	18.816 ug/ml
15) T n-Hexacosane (C26)	16.373	2704124	18.432 ug/ml
16) T n-Octacosane (C28)	17.329	2637551	17.917 ug/ml
17) T n-Tricontane (C30)	18.223	2666325	17.621 ug/ml
18) T n-Dotriacontane (C32)	19.061	2547419	17.282 ug/ml
19) T n-Tetratriacontane (C34)	19.848	2283687	17.721 ug/ml
20) T n-Hexatriacontane (C36)	20.592	1930607	18.652 ug/ml
21) T n-Octatriacontane (C38)	21.367	1721128	19.523 ug/ml
22) T n-Tetracontane (C40)	22.348	1575169	20.117 ug/ml

(f)=RT Delta > 1/2 Window

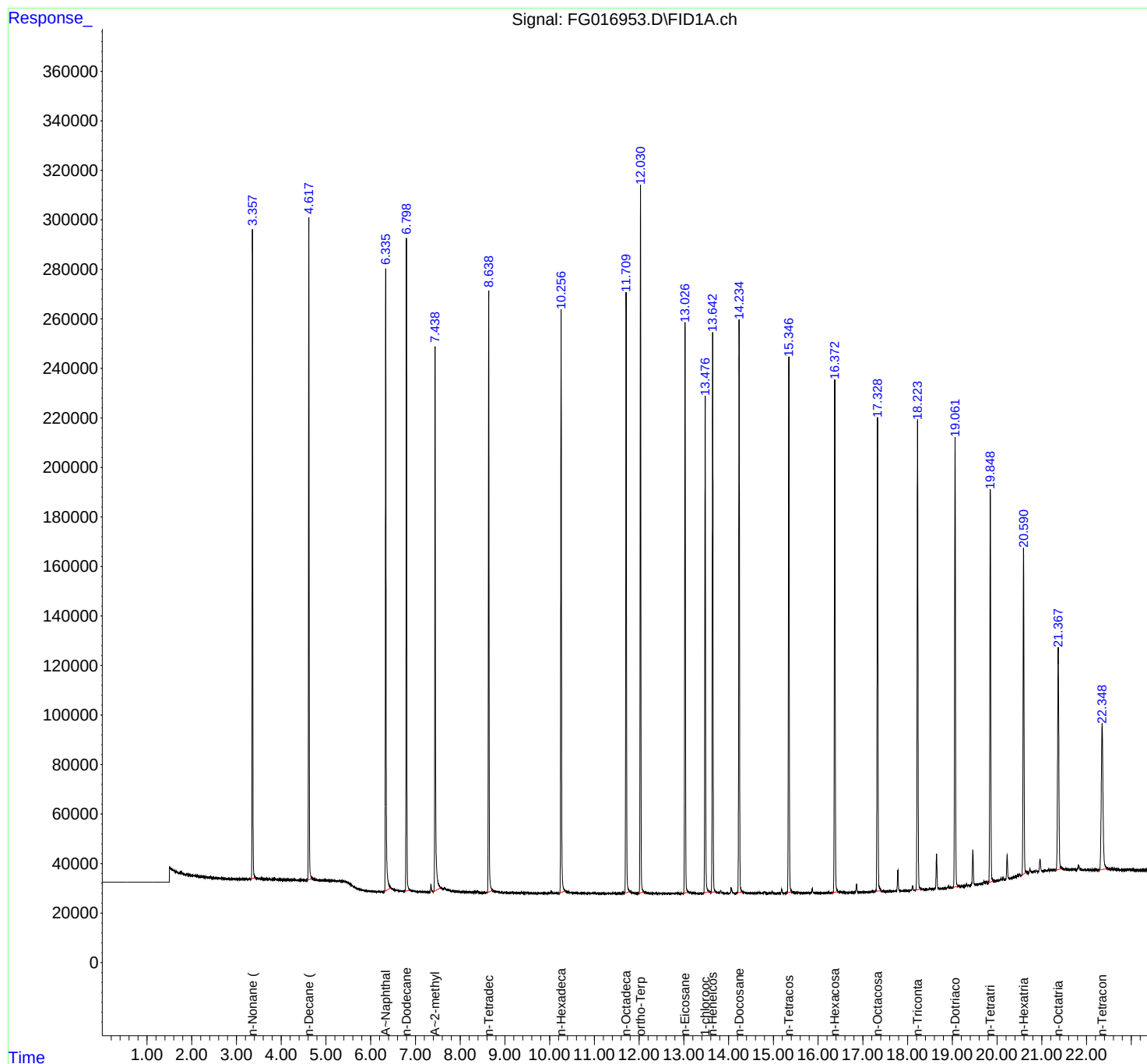
(m)=manual int.

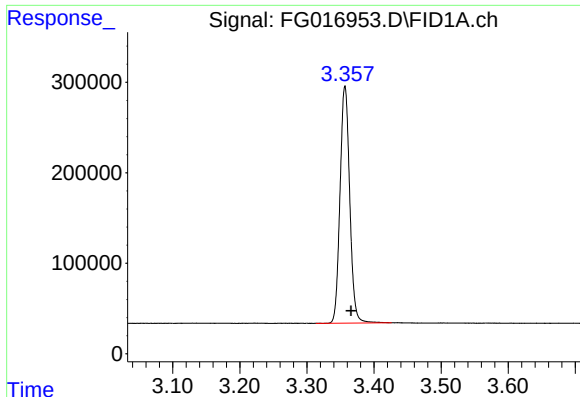
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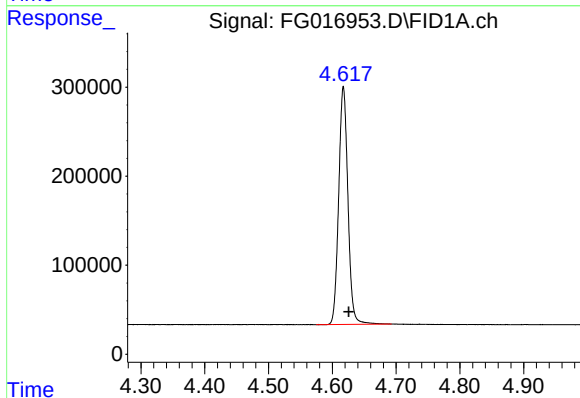




#1 n-Nonane (C9)

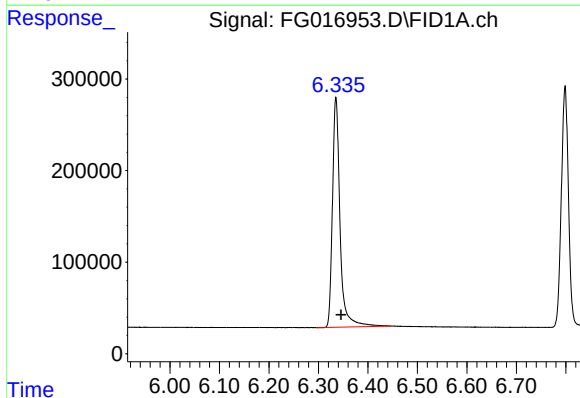
R.T.: 3.357 min
Delta R.T.: -0.009 min
Response: 2626734
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



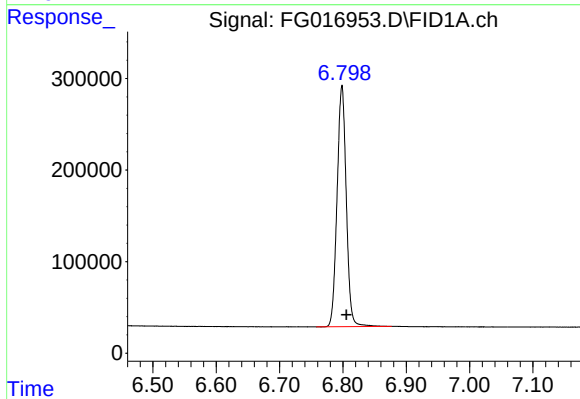
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 2685786
Conc: 20.98 ug/ml



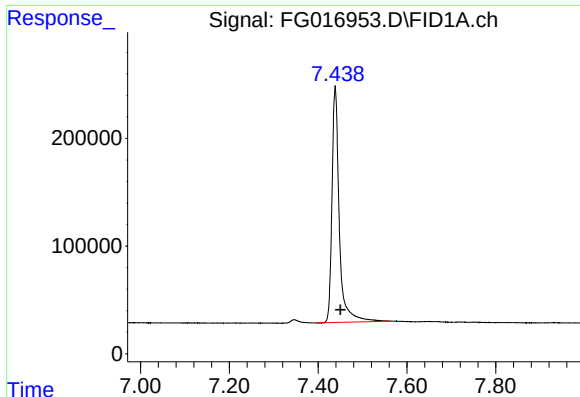
#3 A~Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: -0.011 min
Response: 2679365
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

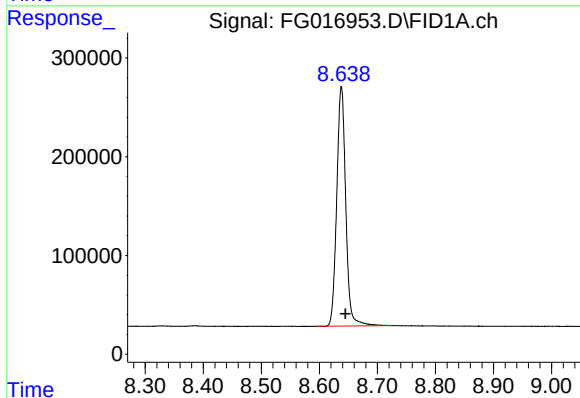
R.T.: 6.799 min
Delta R.T.: -0.007 min
Response: 2660536
Conc: 20.41 ug/ml



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

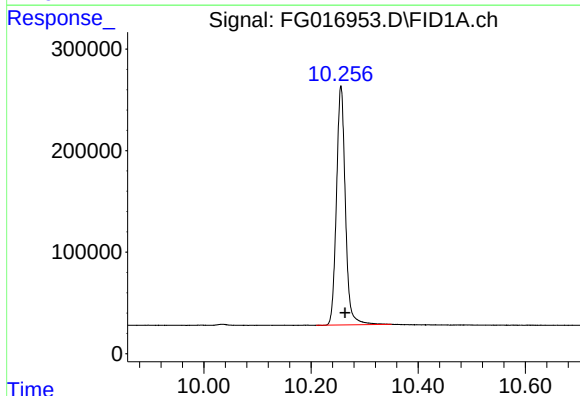
R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 2515776
Conc: 20.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



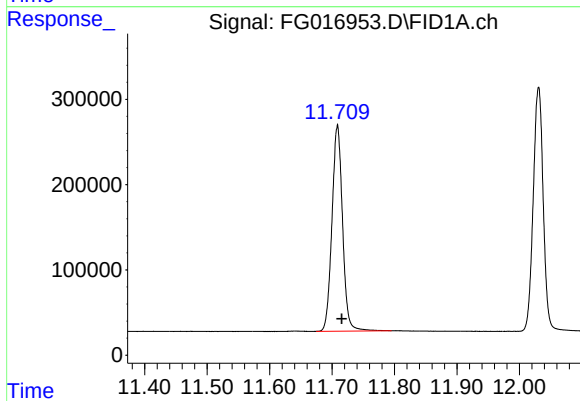
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: -0.007 min
Response: 2623902
Conc: 20.54 ug/ml



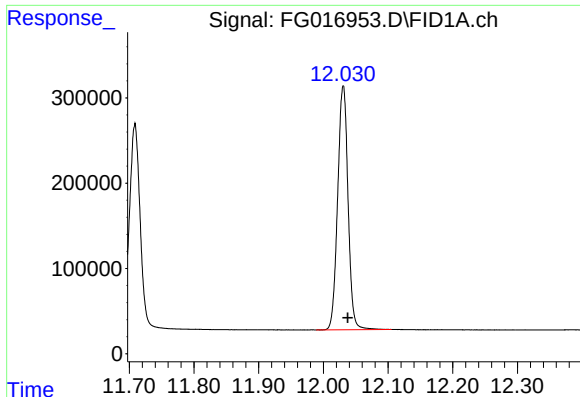
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: -0.008 min
Response: 2717808
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

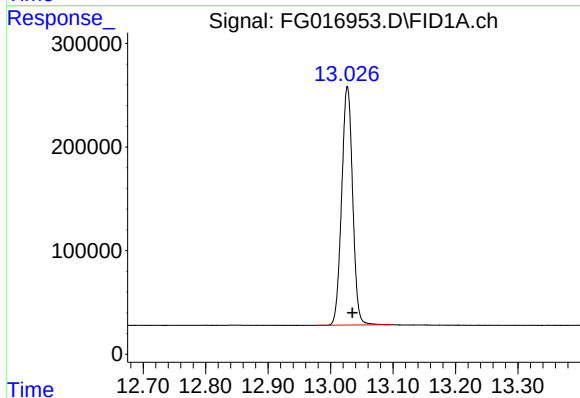
R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 2839840
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

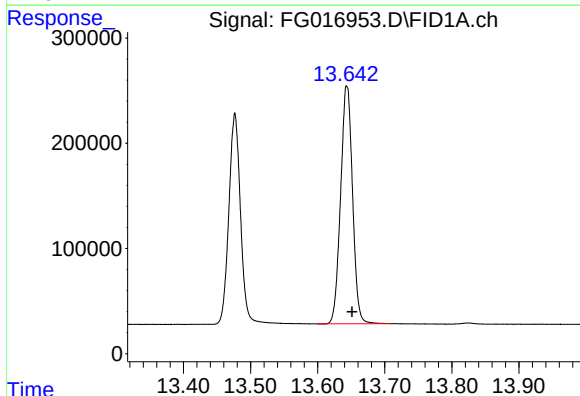
R.T.: 12.031 min
Delta R.T.: -0.007 min
Response: 3189274
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



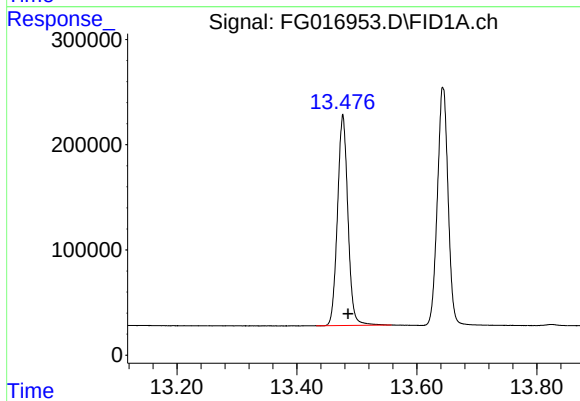
#10 n-Eicosane (C20)

R.T.: 13.027 min
Delta R.T.: -0.008 min
Response: 2810938
Conc: 20.11 ug/ml



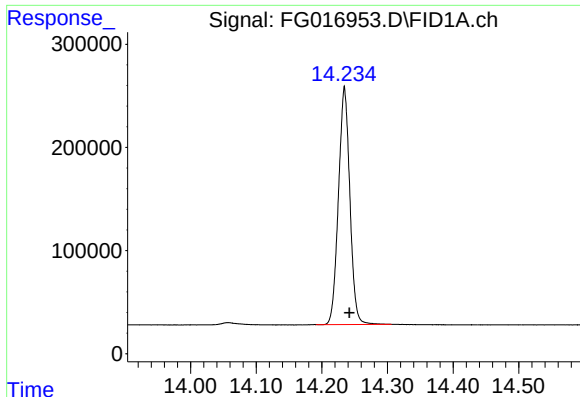
#11 n-Heneicosane (C21)

R.T.: 13.644 min
Delta R.T.: -0.008 min
Response: 2792132
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

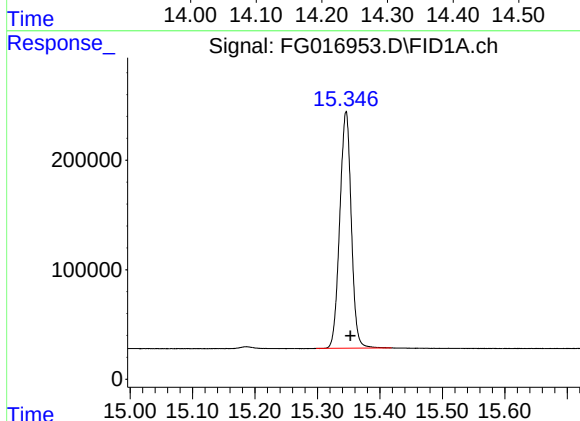
R.T.: 13.477 min
Delta R.T.: -0.008 min
Response: 2409986
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

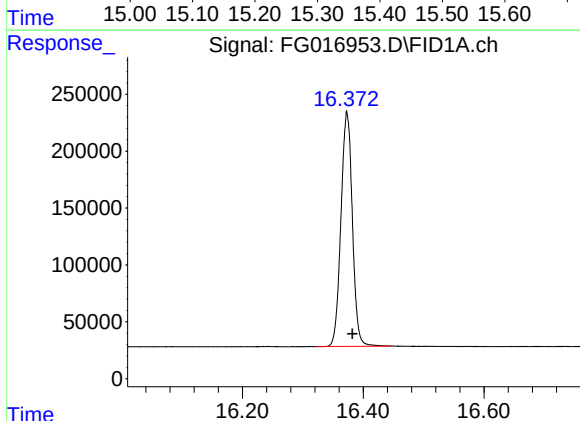
R.T.: 14.234 min
Delta R.T.: -0.007 min
Response: 2774758
Conc: 19.61 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



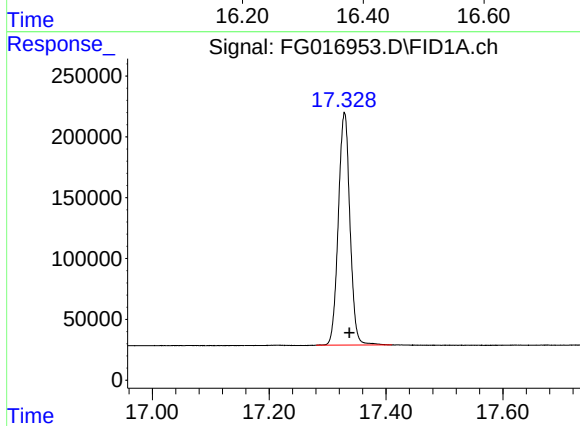
#14 n-Tetracosane (C24)

R.T.: 15.346 min
Delta R.T.: -0.007 min
Response: 2766503
Conc: 18.82 ug/ml



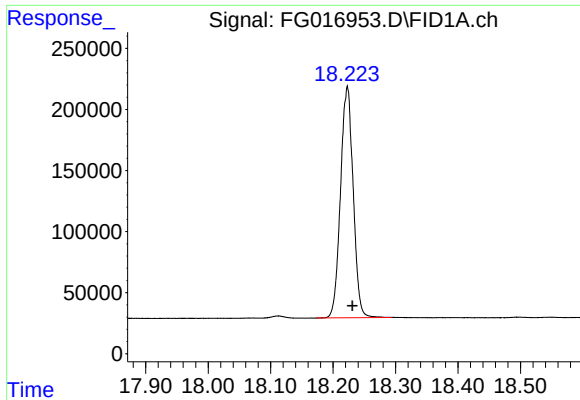
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.009 min
Response: 2704124
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

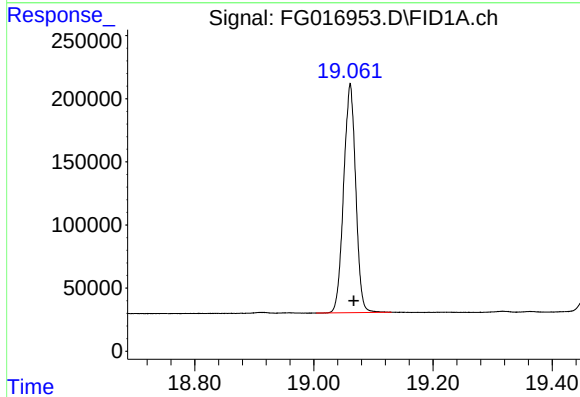
R.T.: 17.329 min
Delta R.T.: -0.009 min
Response: 2637551
Conc: 17.92 ug/ml



#17 n-Tricontane (C30)

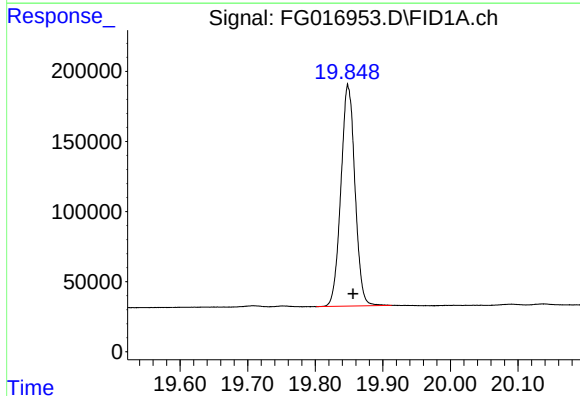
R.T.: 18.223 min
Delta R.T.: -0.008 min
Response: 2666325
Conc: 17.62 ug/ml

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20 PPM ALIPHATIC HC STD



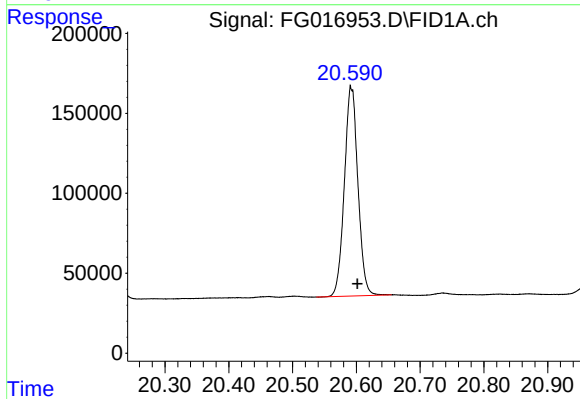
#18 n-Dotriacontane (C32)

R.T.: 19.061 min
Delta R.T.: -0.006 min
Response: 2547419
Conc: 17.28 ug/ml



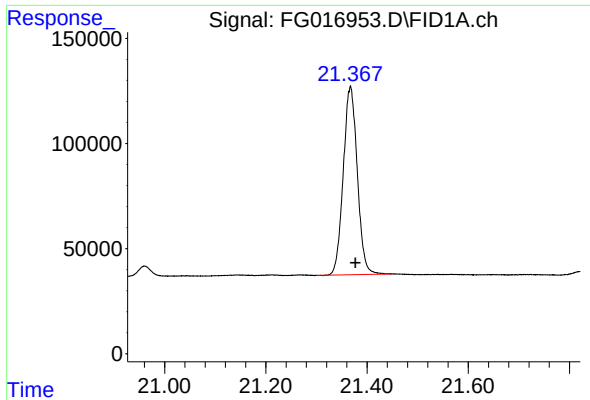
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 2283687
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

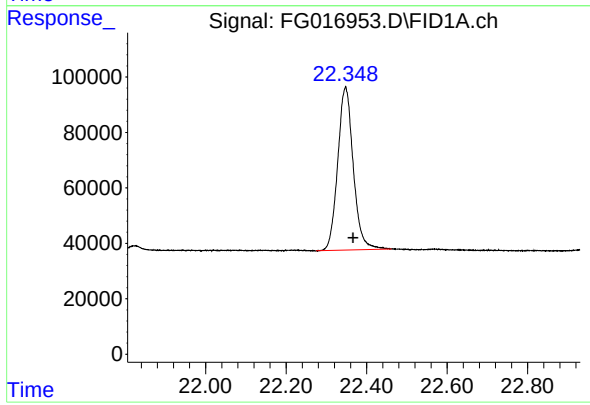
R.T.: 20.592 min
Delta R.T.: -0.010 min
Response: 1930607
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.010 min
Response: 1721128
Conc: 19.52 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: -0.019 min
Response: 1575169
Conc: 20.12 ug/ml