

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015085.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 09:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 00:23:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.941	2938111	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.385	2240917	18.404 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T n-Nonane (C9)	3.284	2463294	18.973 ug/ml
2) T n-Decane (C10)	4.544	2517877	18.947 ug/ml
3) T A~Naphthalene (C11.7)	6.254	2769036	18.961 ug/ml
4) T n-Dodecane (C12)	6.724	2573420	18.930 ug/ml
5) T A~2-methylnaphthalene...	7.355	2703698	18.939 ug/ml
6) T n-Tetradecane (C14)	8.560	2588185	18.820 ug/ml
7) T n-Hexadecane (C16)	10.176	2715584	18.742 ug/ml
8) T n-Octadecane (C18)	11.626	2776225	18.679 ug/ml
10) T n-Eicosane (C20)	12.940	2677515	18.654 ug/ml
11) T n-Heneicosane (C21)	13.554	2636159	18.644 ug/ml
13) T n-Docosane (C22)	14.144	2617513	18.617 ug/ml
14) T n-Tetracosane (C24)	15.251	2583681	18.563 ug/ml
15) T n-Hexacosane (C26)	16.276	2500397	18.460 ug/ml
16) T n-Octacosane (C28)	17.229	2397809	18.221 ug/ml
17) T n-Tricontane (C30)	18.119	2375724	17.909 ug/ml
18) T n-Dotriacontane (C32)	18.955	2237851	17.743 ug/ml
19) T n-Tetratriacontane (C34)	19.738	1943716	17.851 ug/ml
20) T n-Hexatriacontane (C36)	20.481	1672774	17.917 ug/ml
21) T n-Octatriacontane (C38)	21.230	1531076	17.447 ug/ml
22) T n-Tetracontane (C40)	22.171	1342709	15.841 ug/ml

(f)=RT Delta > 1/2 Window

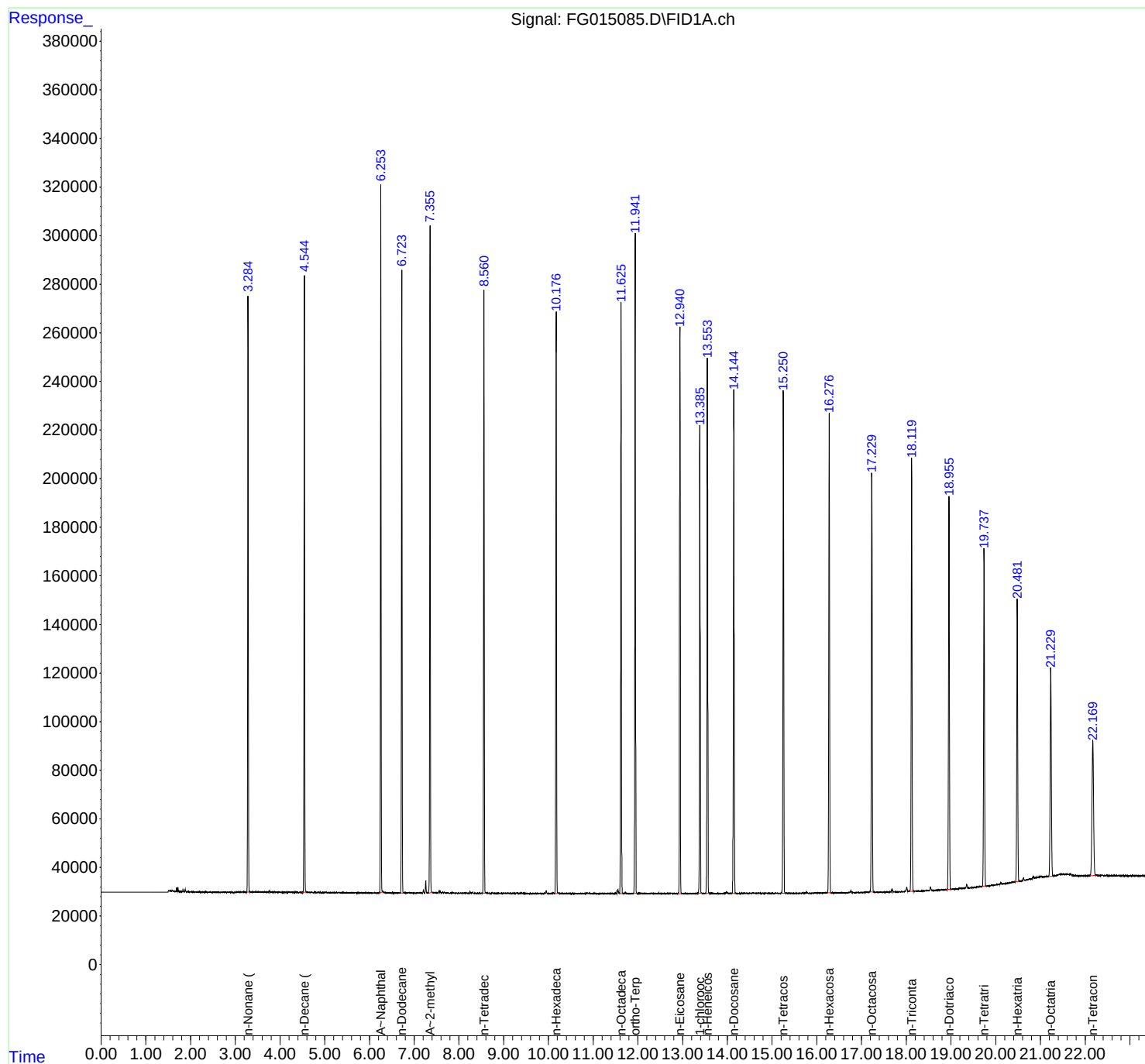
(m)=manual int.

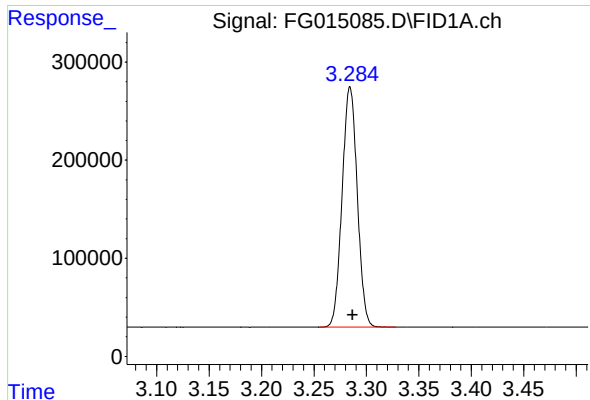
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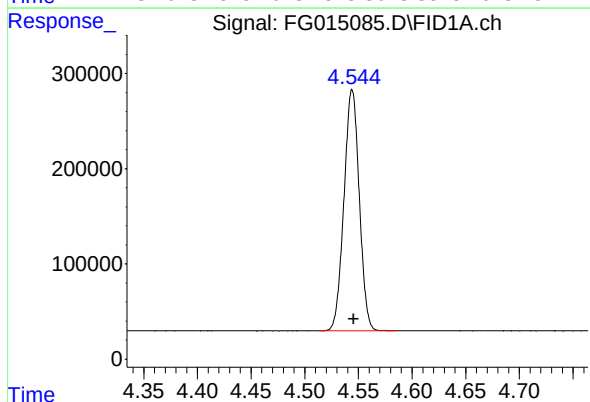




#1 n-Nonane (C9)

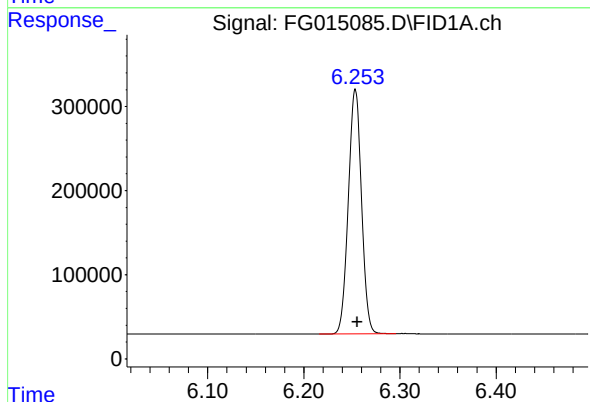
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 2463294
Conc: 18.97 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



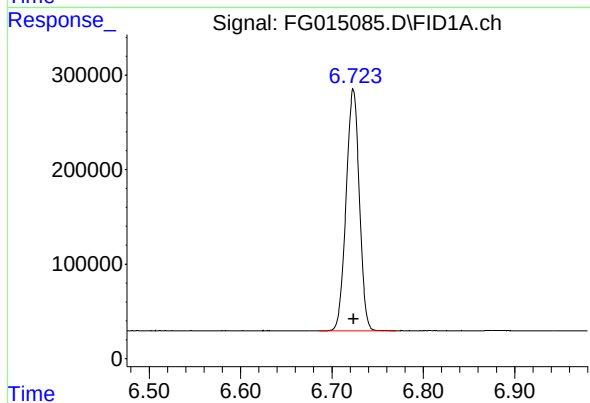
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 2517877
Conc: 18.95 ug/ml



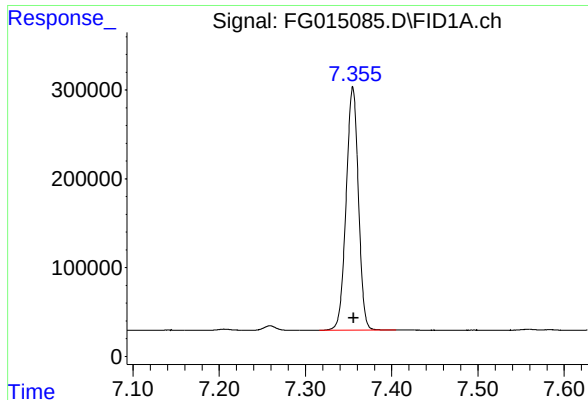
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 2769036
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

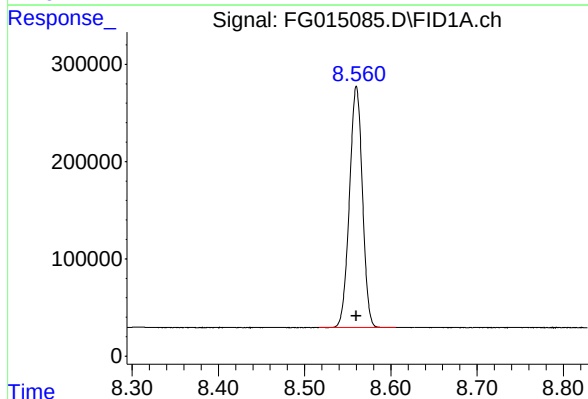
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 2573420
Conc: 18.93 ug/ml



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

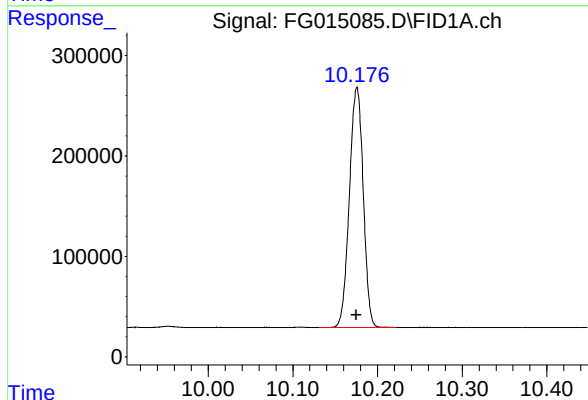
R.T.: 7.355 min
Delta R.T.: -0.001 min
Response: 2703698
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



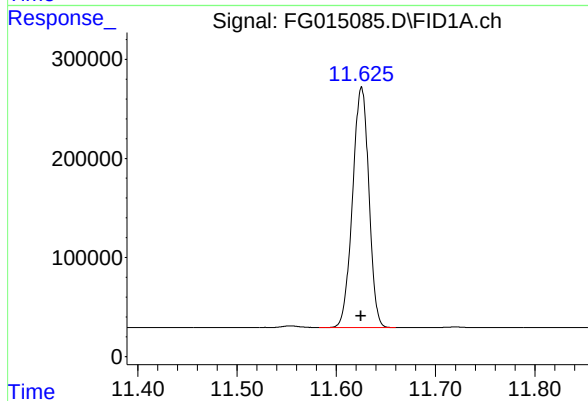
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 2588185
Conc: 18.82 ug/ml



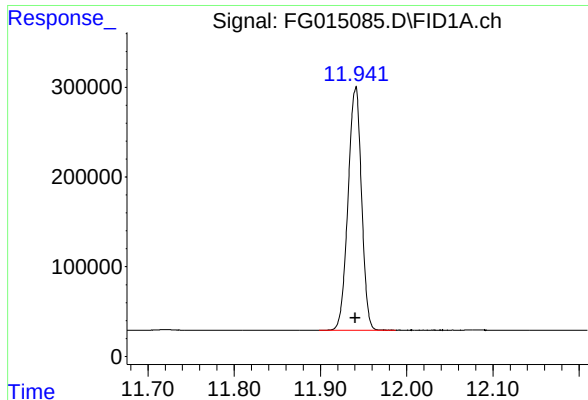
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 2715584
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

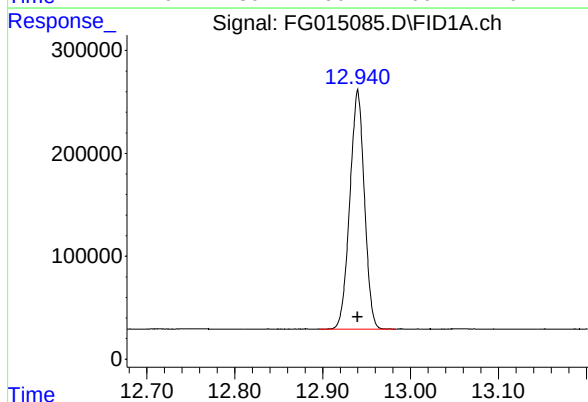
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2776225
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

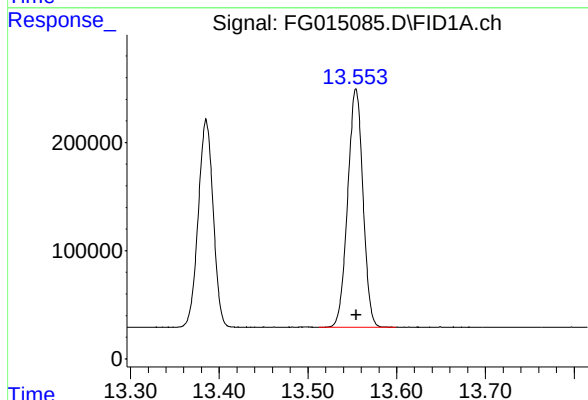
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 2938111
Conc: 18.79 ug/ml

Instrument :
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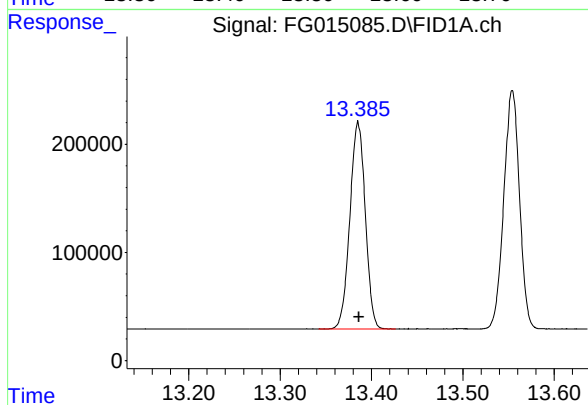
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2677515
Conc: 18.65 ug/ml



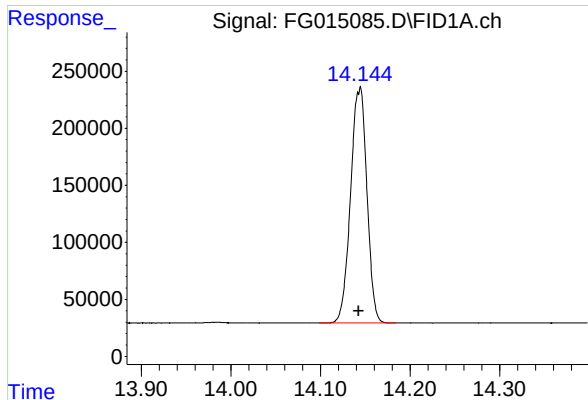
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.000 min
Response: 2636159
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

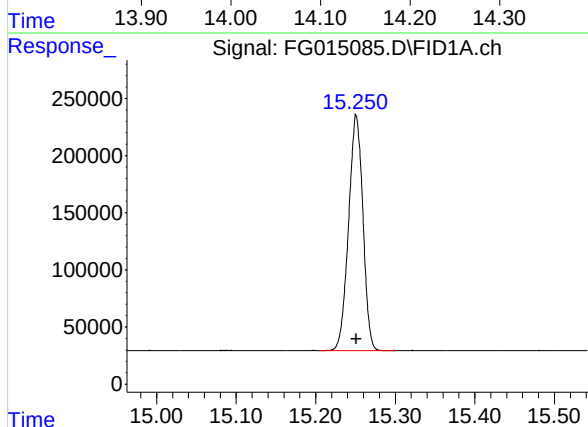
R.T.: 13.385 min
Delta R.T.: -0.001 min
Response: 2240917
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

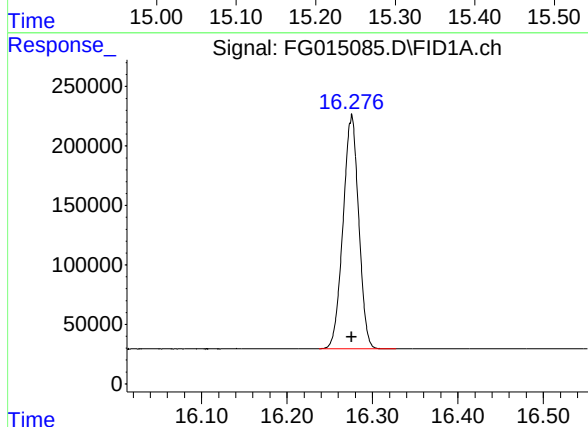
R.T.: 14.144 min
Delta R.T.: 0.002 min
Response: 2617513
Conc: 18.62 ug/ml

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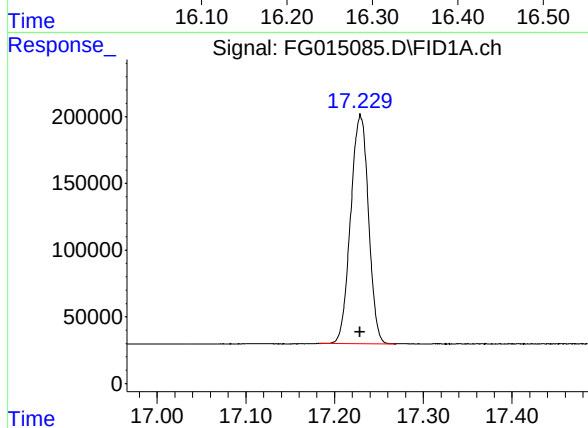
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 2583681
Conc: 18.56 ug/ml



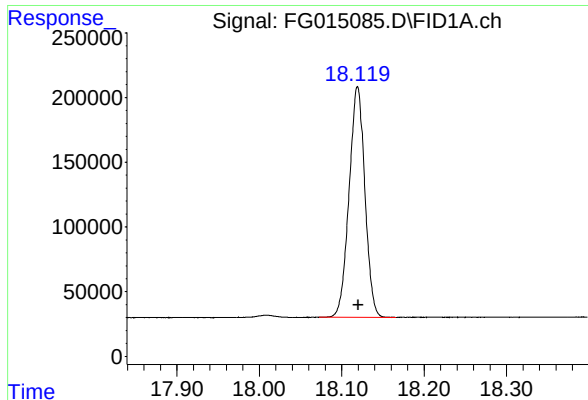
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2500397
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

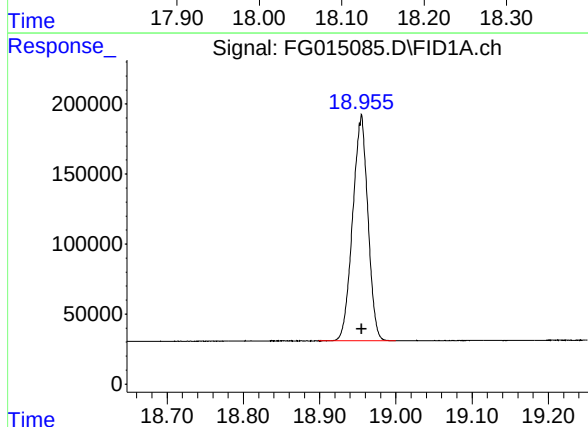
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2397809
Conc: 18.22 ug/ml



#17 n-Tricontane (C30)

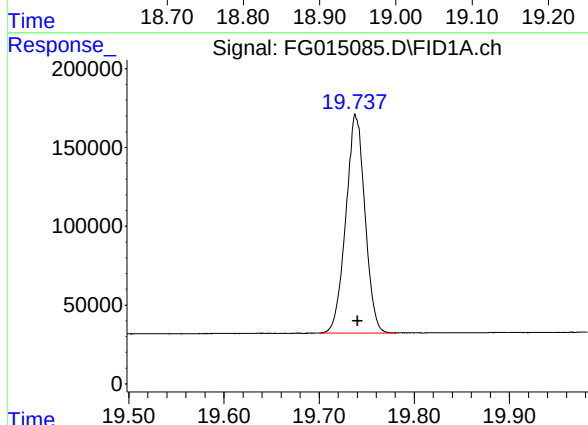
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 2375724
Conc: 17.91 ug/ml

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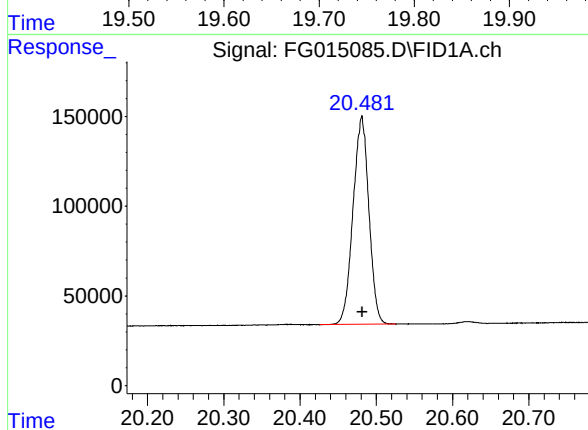
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 2237851
Conc: 17.74 ug/ml



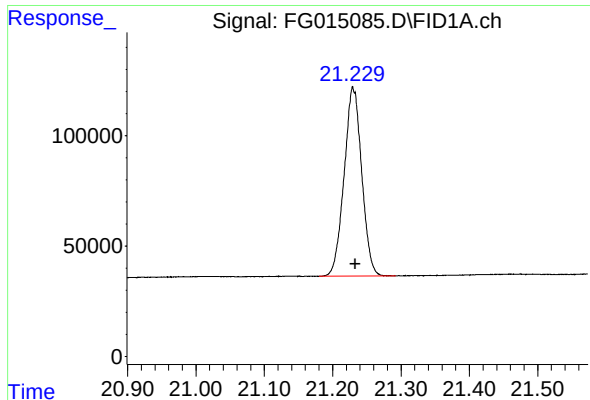
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: -0.002 min
Response: 1943716
Conc: 17.85 ug/ml



#20 n-Hexatriacontane (C36)

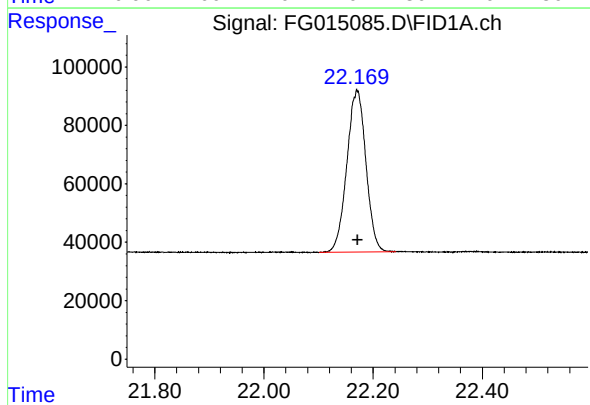
R.T.: 20.481 min
Delta R.T.: 0.000 min
Response: 1672774
Conc: 17.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: -0.003 min
Response: 1531076
Conc: 17.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 1342709
Conc: 15.84 ug/ml