

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013807.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 17:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 11 05:15:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 2024
 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)	11.965	3062309	20.213 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
12) S 1-chlorooctadecane (S...	13.404	2397125	20.314 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.326	2657248	19.978 ug/ml
2) T n-Decane (C10)	4.579	2712342	19.952 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2947001	19.946 ug/ml
4) T n-Dodecane (C12)	6.750	2740283	19.973 ug/ml
5) T A~2-methylnaphthalene...	7.386	2871098	20.007 ug/ml
6) T n-Tetradecane (C14)	8.582	2735317	19.985 ug/ml
7) T n-Hexadecane (C16)	10.196	2876953	20.144 ug/ml
8) T n-Octadecane (C18)	11.644	2942880	20.203 ug/ml
10) T n-Eicosane (C20)	12.959	2854537	20.251 ug/ml
11) T n-Heneicosane (C21)	13.573	2814924	20.266 ug/ml
13) T n-Docosane (C22)	14.161	2803570	20.277 ug/ml
14) T n-Tetracosane (C24)	15.268	2801246	20.303 ug/ml
15) T n-Hexacosane (C26)	16.292	2739764	20.274 ug/ml
16) T n-Octacosane (C28)	17.245	2656954	20.249 ug/ml
17) T n-Tricontane (C30)	18.136	2656280	20.122 ug/ml
18) T n-Dotriacontane (C32)	18.972	2579964	19.690 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2437458	19.986 ug/ml
20) T n-Hexatriacontane (C36)	20.498	2297629	19.920 ug/ml
21) T n-Octatriacontane (C38)	21.251	2167440	20.067 ug/ml
22) T n-Tetracontane (C40)	22.194	2066500	19.867 ug/ml

(f)=RT Delta > 1/2 Window

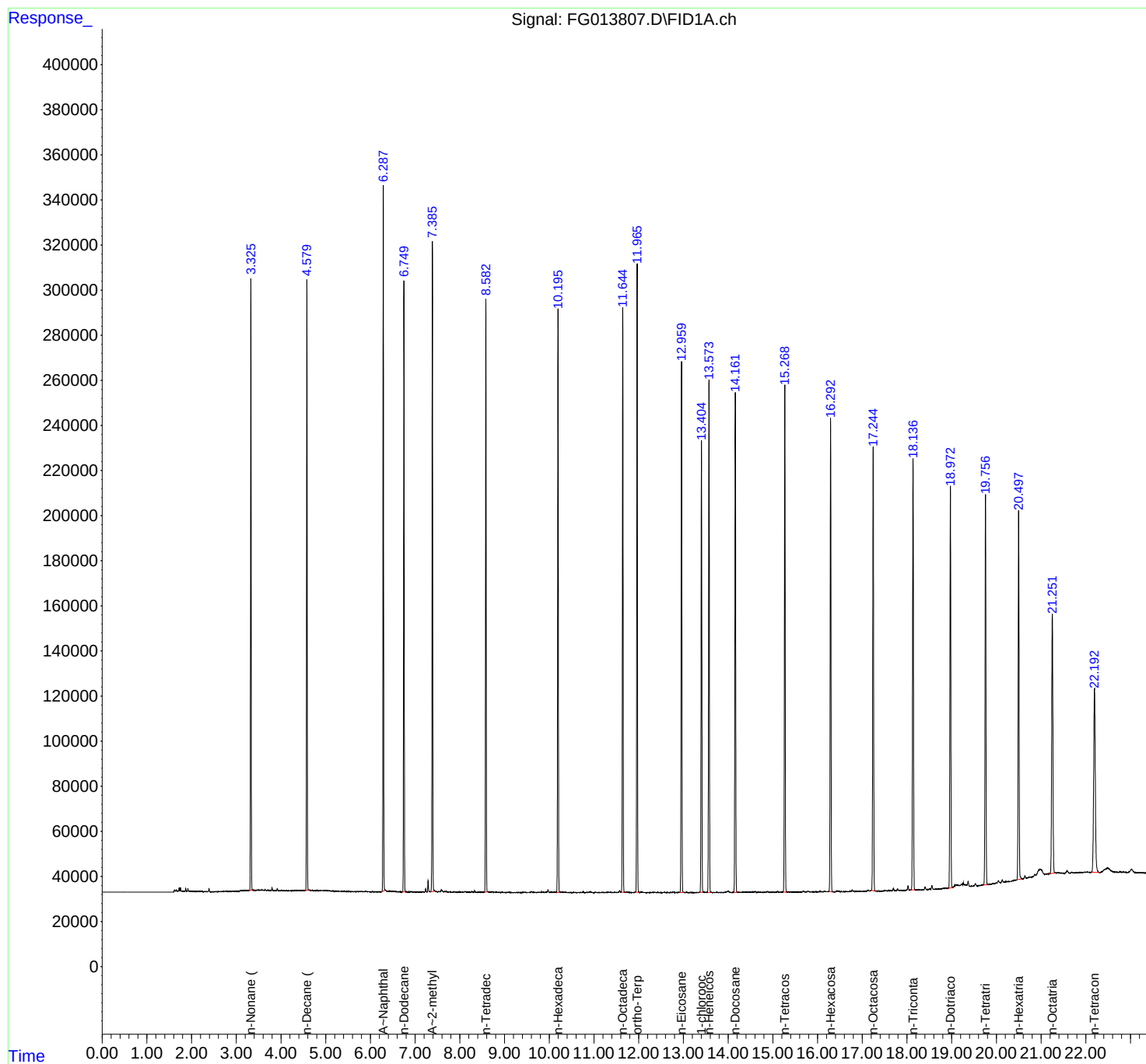
(m)=manual int.

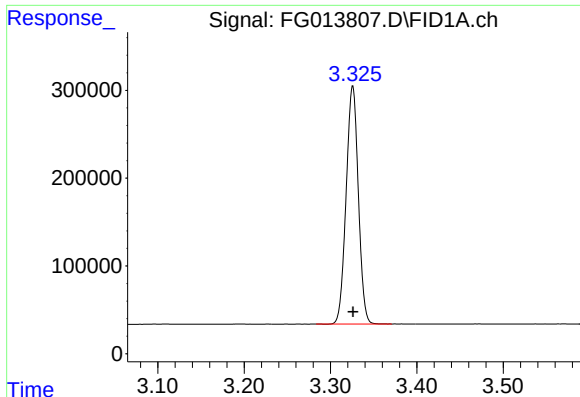
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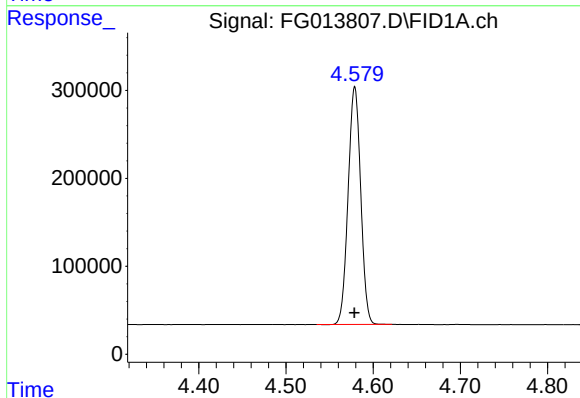




#1 n-Nonane (C9)

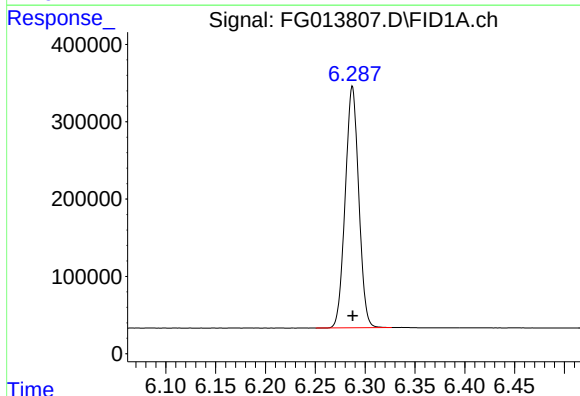
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 2657248
Conc: 19.98 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



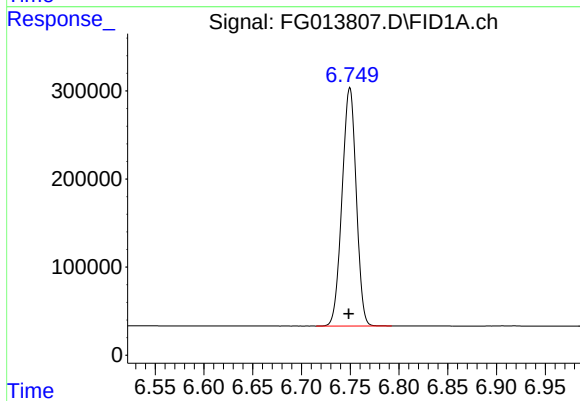
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 2712342
Conc: 19.95 ug/ml



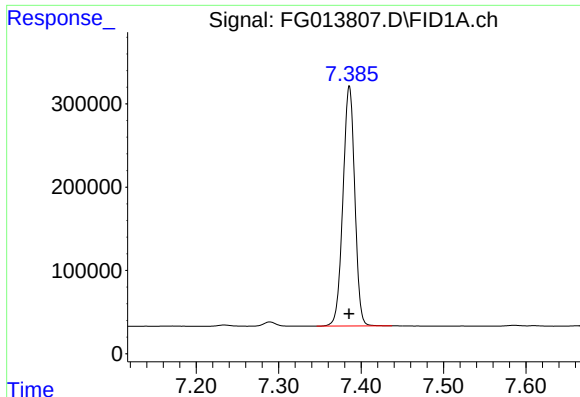
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 2947001
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

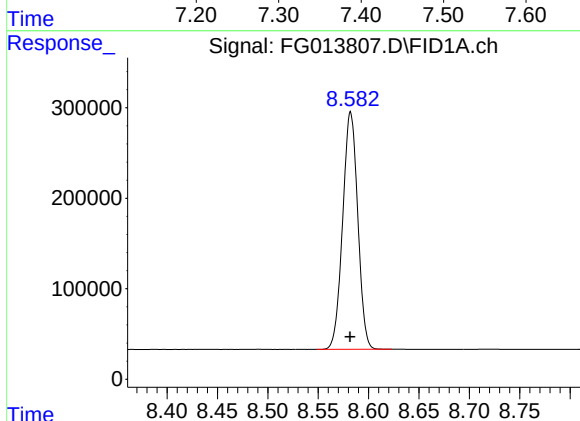
R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 2740283
Conc: 19.97 ug/ml



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

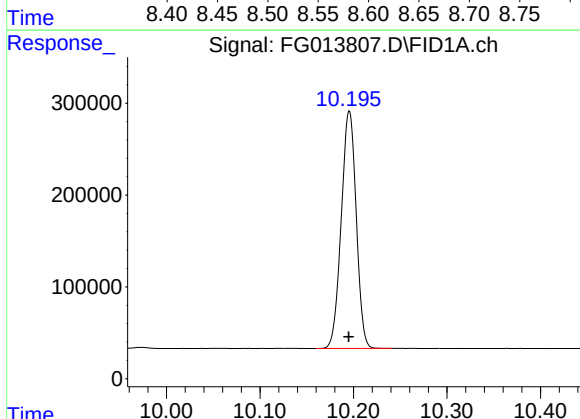
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2871098
Conc: 20.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



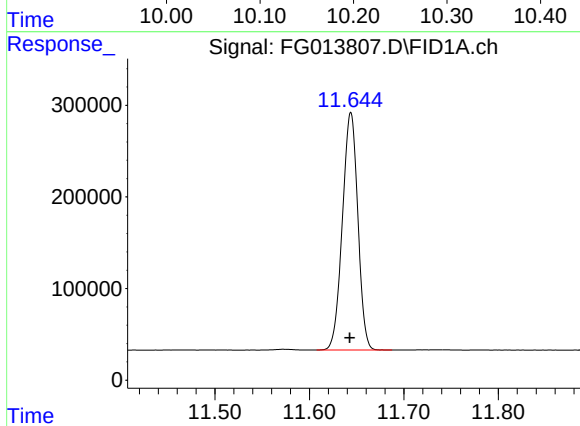
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 2735317
Conc: 19.98 ug/ml



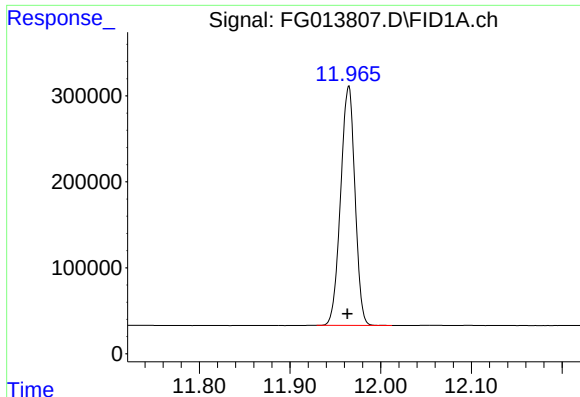
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: 0.000 min
Response: 2876953
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

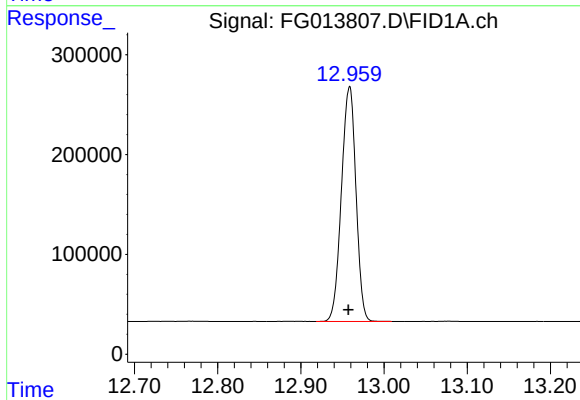
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 2942880
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

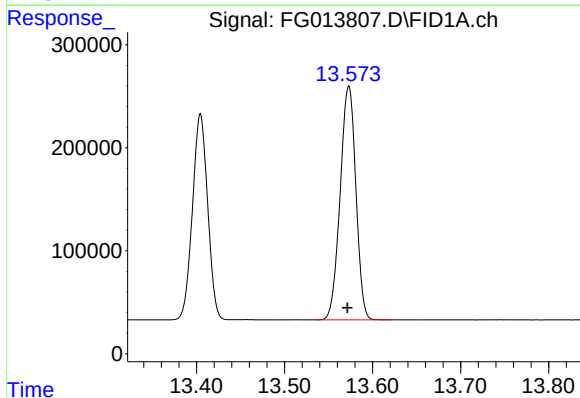
R.T.: 11.965 min
Delta R.T.: 0.001 min
Response: 3062309
Conc: 20.21 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



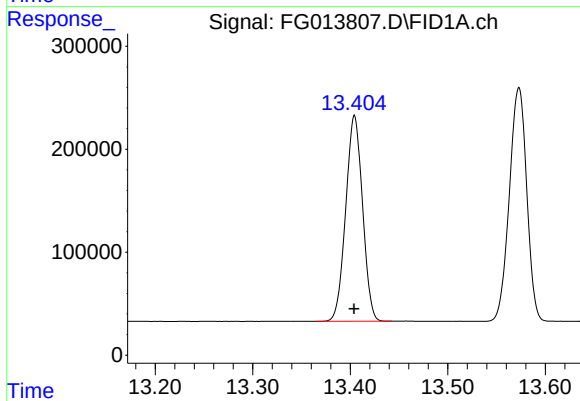
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 2854537
Conc: 20.25 ug/ml



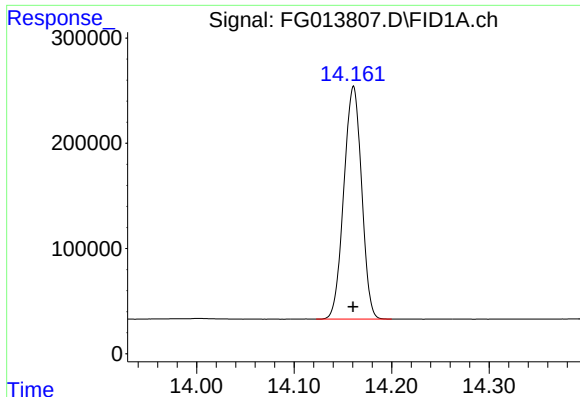
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.002 min
Response: 2814924
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

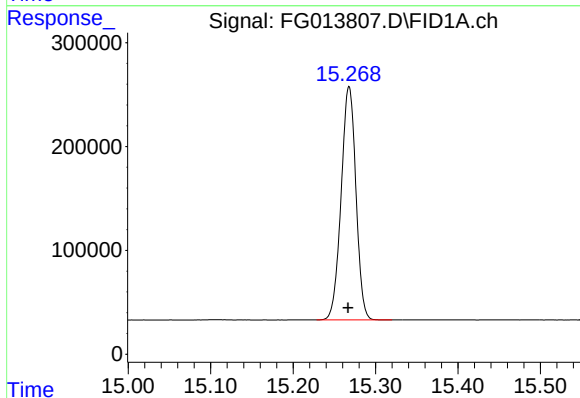
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2397125
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

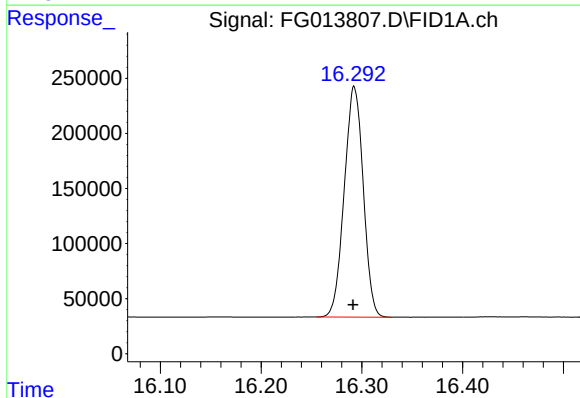
R.T.: 14.161 min
Delta R.T.: 0.000 min
Response: 2803570
Conc: 20.28 ug/ml

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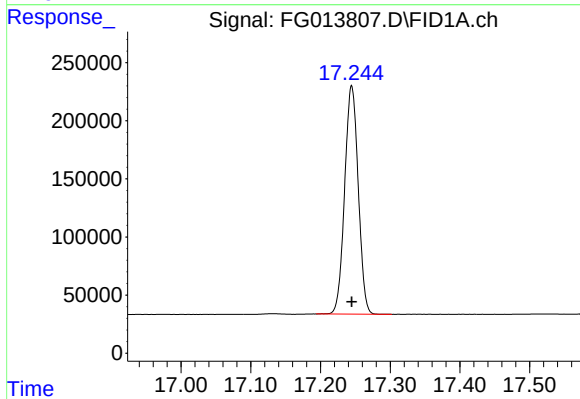
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.001 min
Response: 2801246
Conc: 20.30 ug/ml



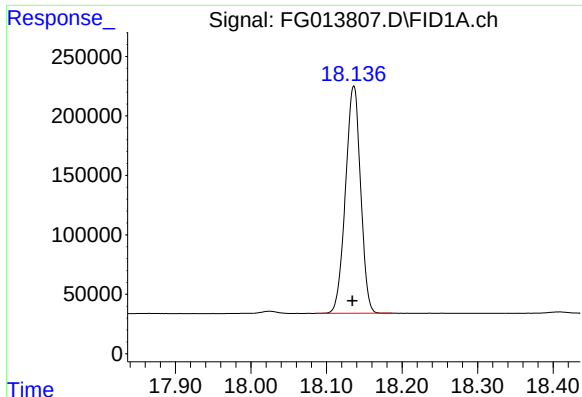
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.001 min
Response: 2739764
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

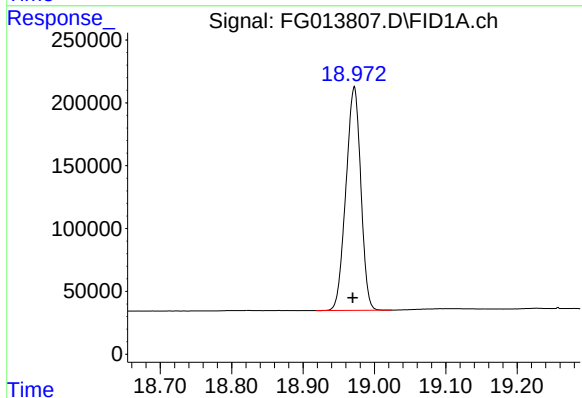
R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 2656954
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

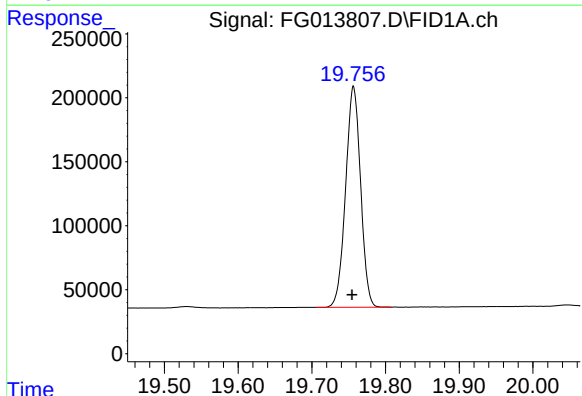
R.T.: 18.136 min
Delta R.T.: 0.002 min
Response: 2656280
Conc: 20.12 ug/ml

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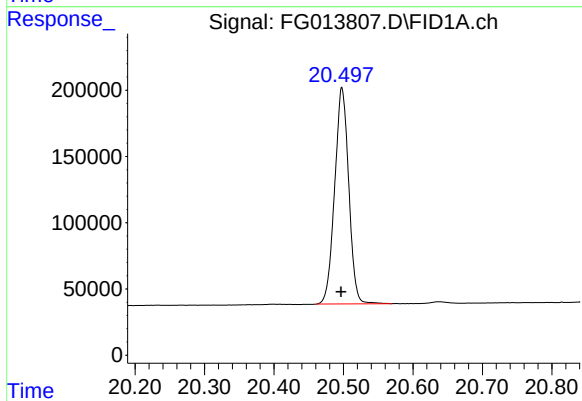
#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: 0.002 min
Response: 2579964
Conc: 19.69 ug/ml



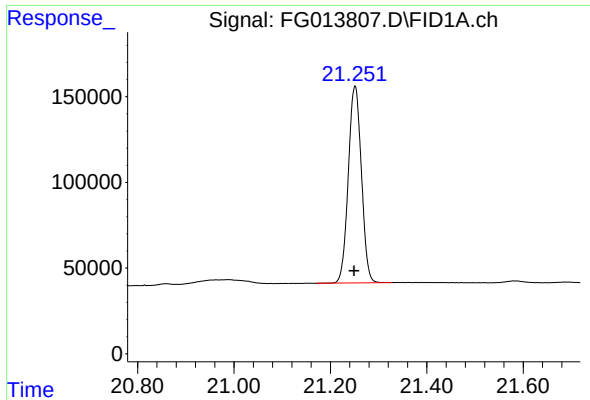
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.002 min
Response: 2437458
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

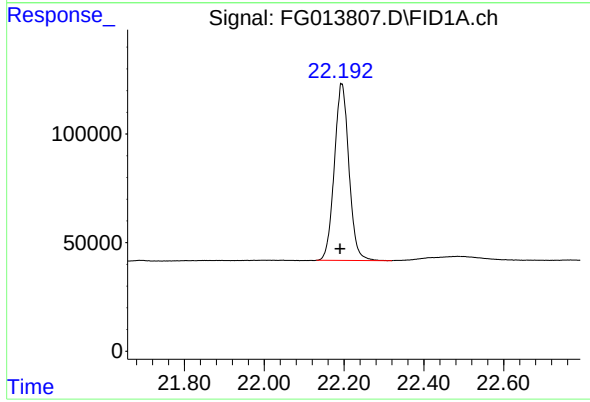
R.T.: 20.498 min
Delta R.T.: 0.001 min
Response: 2297629
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.002 min
Response: 2167440
Conc: 20.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.194 min
Delta R.T.: 0.004 min
Response: 2066500
Conc: 19.87 ug/ml