

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012425.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 13:00
 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: Jul 19 03:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 2023
 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)	10.883	3214443	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
12) S 1-chlorooctadecane (S...	12.323	2374674	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T n-Nonane (C9)	2.735	2505598	20.143 ug/ml
2) T n-Decane (C10)	3.742	2565329	20.177 ug/ml
3) T A~Naphthalene (C11.7)	5.306	2847035	20.569 ug/ml
4) T n-Dodecane (C12)	5.730	2595001	20.171 ug/ml
5) T A~2-methylnaphthalene...	6.356	2697448	20.658 ug/ml
6) T n-Tetradecane (C14)	7.523	2586320	20.252 ug/ml
7) T n-Hexadecane (C16)	9.125	2730710	20.481 ug/ml
8) T n-Octadecane (C18)	10.568	2835389	20.417 ug/ml
10) T n-Eicosane (C20)	11.877	2768622	20.479 ug/ml
11) T n-Heneicosane (C21)	12.490	2722132	20.519 ug/ml
13) T n-Docosane (C22)	13.078	2718764	20.623 ug/ml
14) T n-Tetracosane (C24)	14.182	2819733	20.076 ug/ml
15) T n-Hexacosane (C26)	15.203	2626843	20.809 ug/ml
16) T n-Octacosane (C28)	16.155	2578085	20.508 ug/ml
17) T n-Tricontane (C30)	17.043	2640760	19.984 ug/ml
18) T n-Dotriacontane (C32)	17.876	2616282	19.663 ug/ml
19) T n-Tetratriacontane (C34)	18.660	2530304	19.748 ug/ml
20) T n-Hexatriacontane (C36)	19.401	2424420	19.620 ug/ml
21) T n-Octatriacontane (C38)	20.135	2368283	19.828 ug/ml
22) T n-Tetracontane (C40)	21.040	2290334	19.766 ug/ml

(f)=RT Delta > 1/2 Window

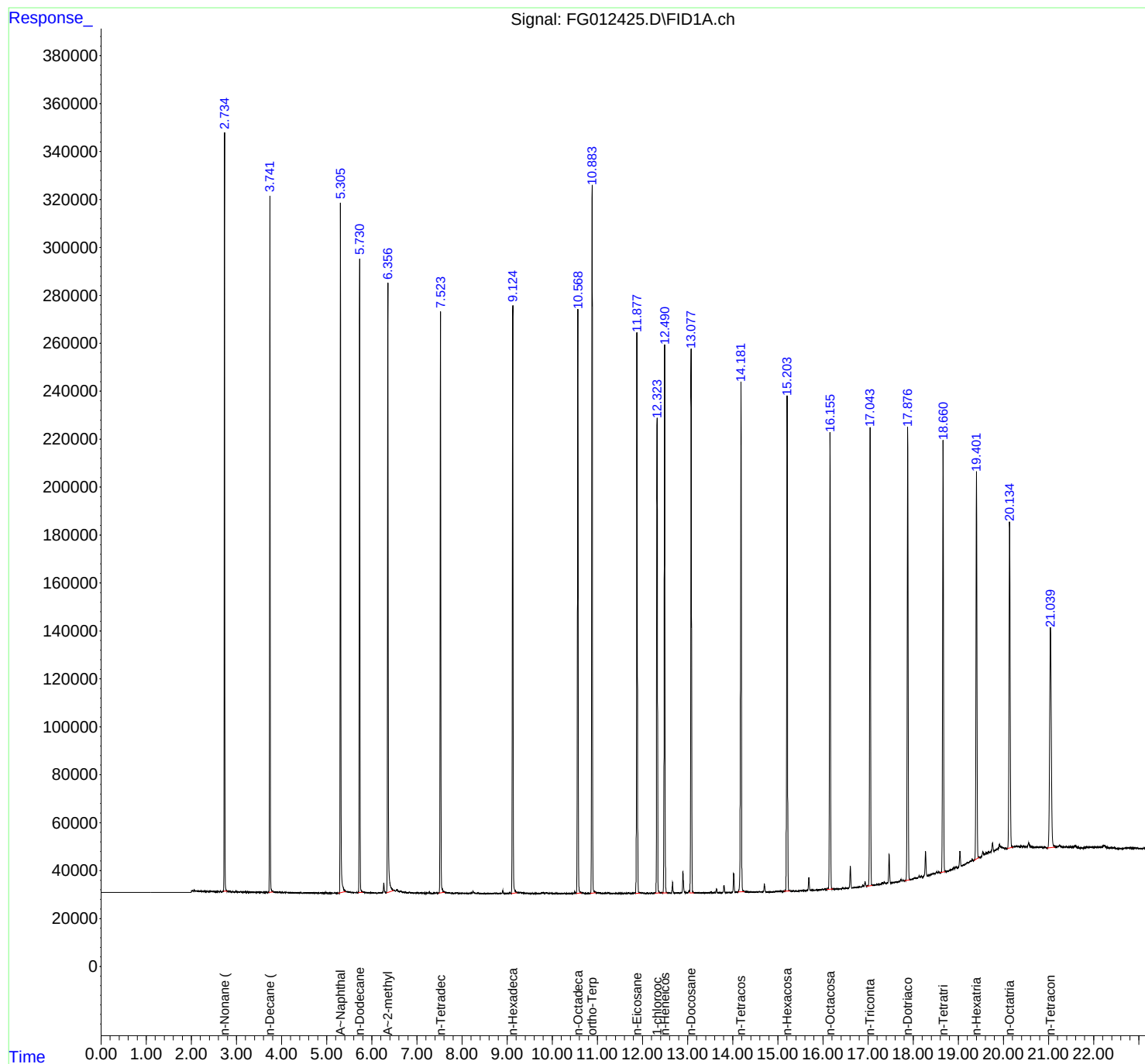
(m)=manual int.

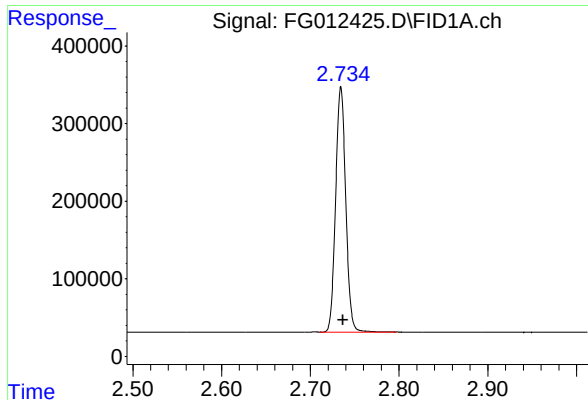
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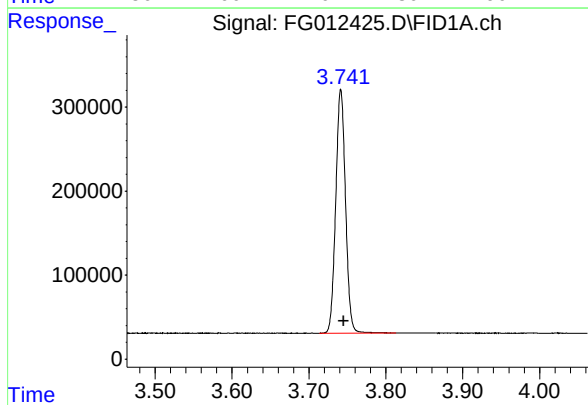




#1 n-Nonane (C9)

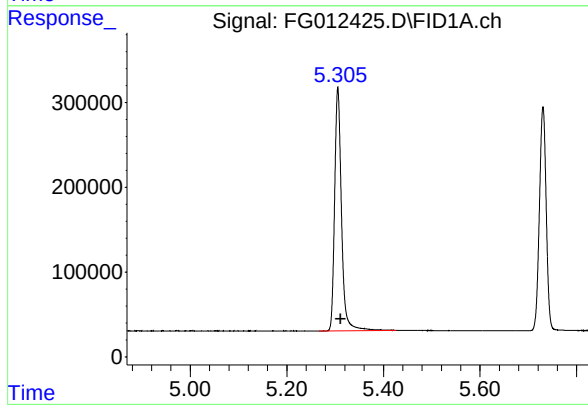
R.T.: 2.735 min
Delta R.T.: -0.002 min
Response: 2505598
Conc: 20.14 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



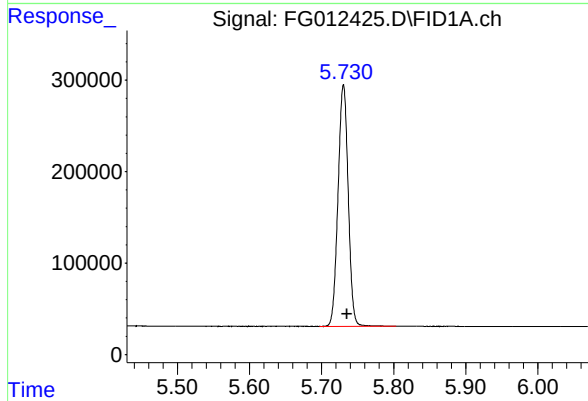
#2 n-Decane (C10)

R.T.: 3.742 min
Delta R.T.: -0.004 min
Response: 2565329
Conc: 20.18 ug/ml



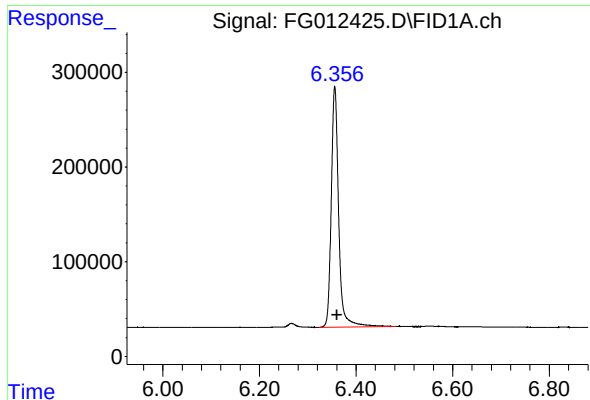
#3 A~Naphthalene (C11.7)

R.T.: 5.306 min
Delta R.T.: -0.005 min
Response: 2847035
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

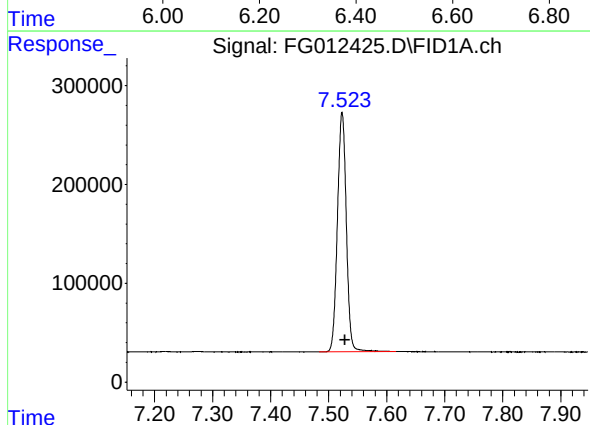
R.T.: 5.730 min
Delta R.T.: -0.005 min
Response: 2595001
Conc: 20.17 ug/ml



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

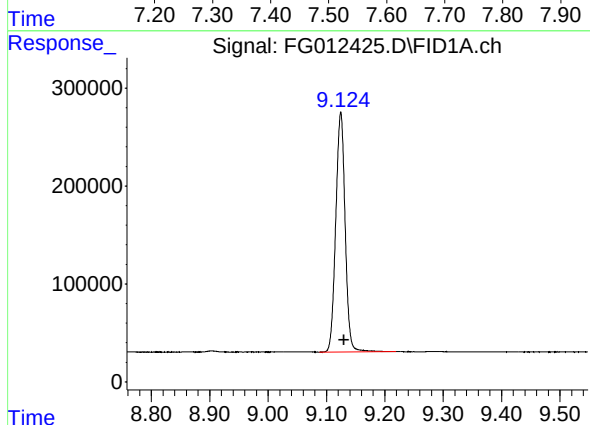
R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 2697448
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



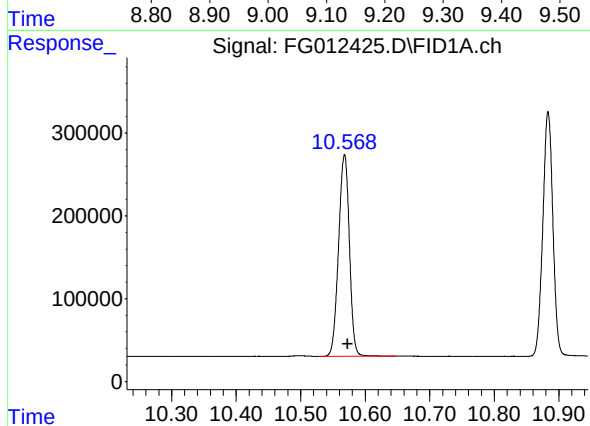
#6 n-Tetradecane (C14)

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 2586320
Conc: 20.25 ug/ml



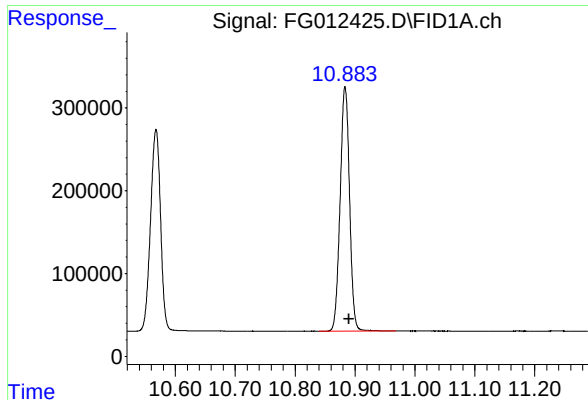
#7 n-Hexadecane (C16)

R.T.: 9.125 min
Delta R.T.: -0.006 min
Response: 2730710
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

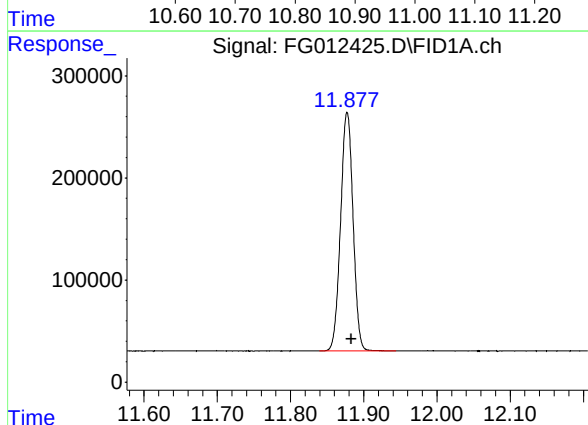
R.T.: 10.568 min
Delta R.T.: -0.005 min
Response: 2835389
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

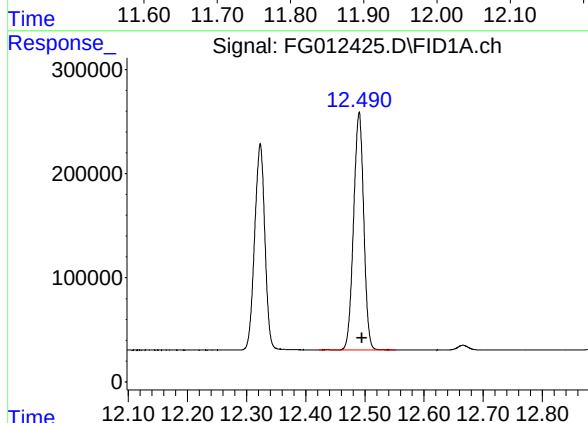
R.T.: 10.883 min
Delta R.T.: -0.006 min
Response: 3214443
Conc: 20.57 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



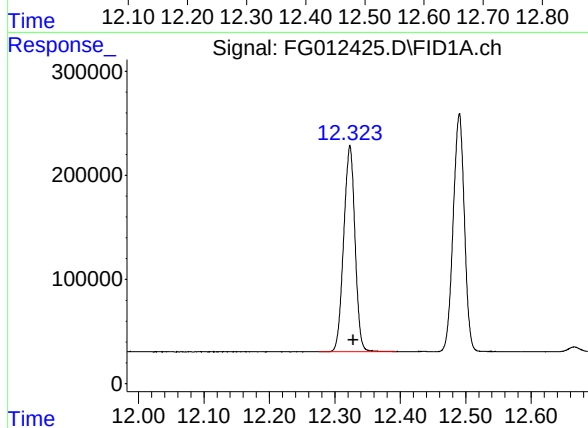
#10 n-Eicosane (C20)

R.T.: 11.877 min
Delta R.T.: -0.006 min
Response: 2768622
Conc: 20.48 ug/ml



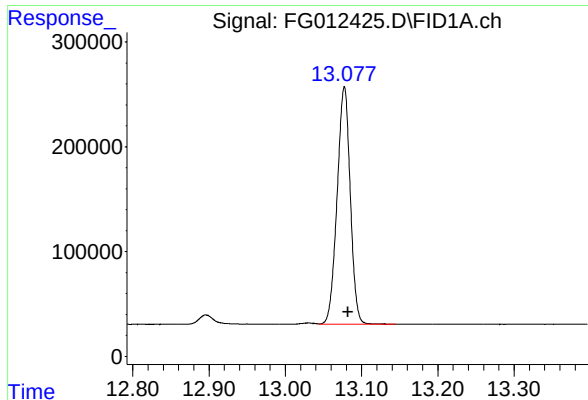
#11 n-Heneicosane (C21)

R.T.: 12.490 min
Delta R.T.: -0.005 min
Response: 2722132
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

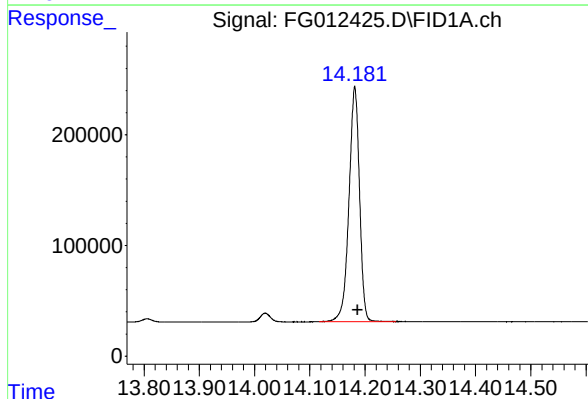
R.T.: 12.323 min
Delta R.T.: -0.005 min
Response: 2374674
Conc: 20.49 ug/ml



#13 n-Docosane (C22)

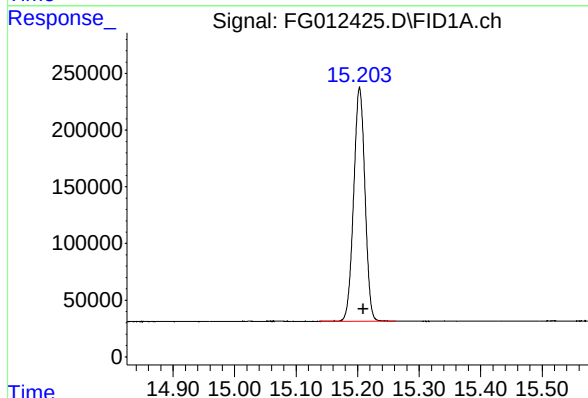
R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 2718764
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



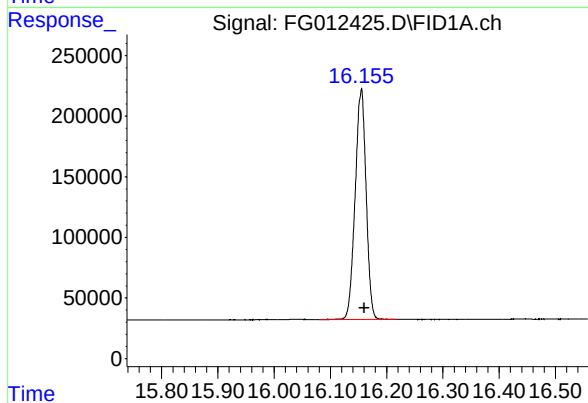
#14 n-Tetracosane (C24)

R.T.: 14.182 min
Delta R.T.: -0.005 min
Response: 2819733
Conc: 20.08 ug/ml



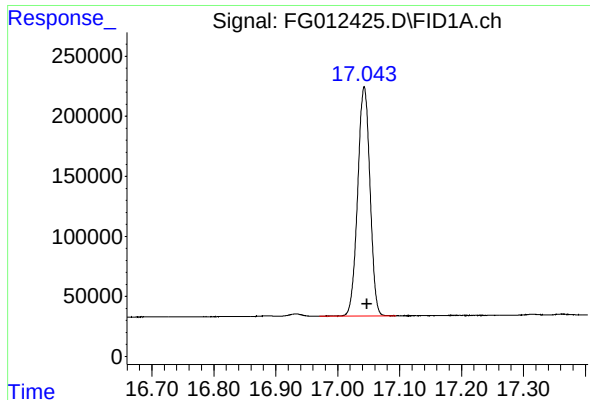
#15 n-Hexacosane (C26)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 2626843
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

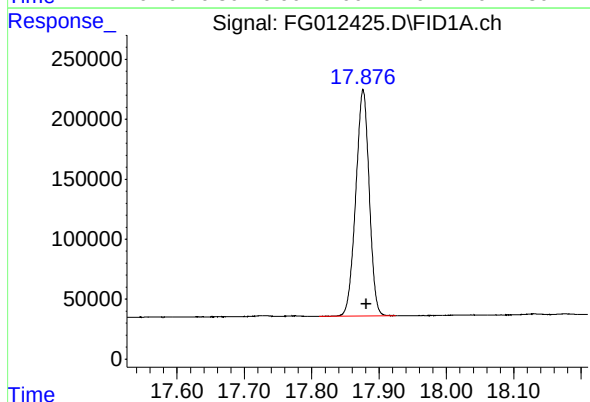
R.T.: 16.155 min
Delta R.T.: -0.005 min
Response: 2578085
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

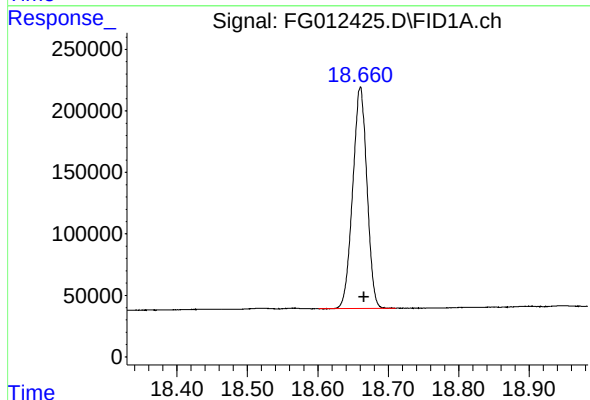
R.T.: 17.043 min
Delta R.T.: -0.005 min
Response: 2640760
Conc: 19.98 ug/ml

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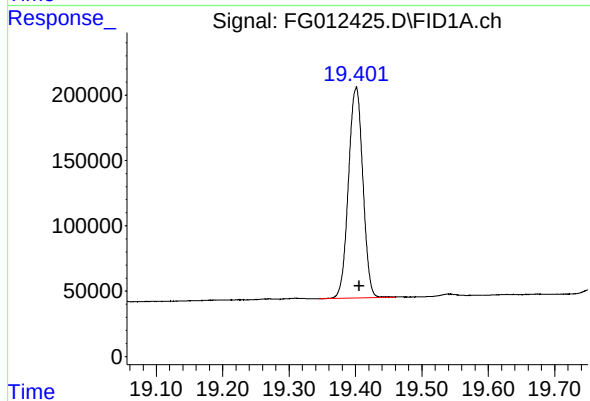
#18 n-Dotriacontane (C32)

R.T.: 17.876 min
Delta R.T.: -0.005 min
Response: 2616282
Conc: 19.66 ug/ml



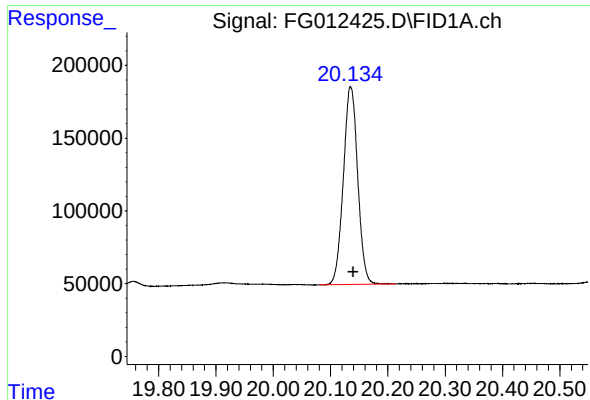
#19 n-Tetatriacontane (C34)

R.T.: 18.660 min
Delta R.T.: -0.005 min
Response: 2530304
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

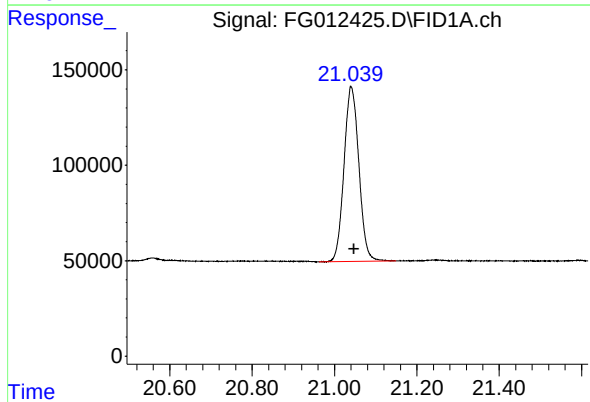
R.T.: 19.401 min
Delta R.T.: -0.005 min
Response: 2424420
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.135 min
Delta R.T.: -0.005 min
Response: 2368283
Conc: 19.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.040 min
Delta R.T.: -0.008 min
Response: 2290334
Conc: 19.77 ug/ml