

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071723AL\
 Data File : FG012403.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 13:38
 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 18 05:43:51 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)	10.889	2961822	18.955 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	12.327	2177805	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T n-Nonane (C9)	2.736	2310113	18.571 ug/ml
2) T n-Decane (C10)	3.745	2367303	18.619 ug/ml
3) T A~Naphthalene (C11.7)	5.311	2641679	19.085 ug/ml
4) T n-Dodecane (C12)	5.735	2402223	18.672 ug/ml
5) T A~2-methylnaphthalene...	6.361	2499427	19.142 ug/ml
6) T n-Tetradecane (C14)	7.528	2401632	18.806 ug/ml
7) T n-Hexadecane (C16)	9.130	2538406	19.038 ug/ml
8) T n-Octadecane (C18)	10.572	2628005	18.924 ug/ml
10) T n-Eicosane (C20)	11.883	2553180	18.885 ug/ml
11) T n-Heneicosane (C21)	12.495	2503699	18.872 ug/ml
13) T n-Docosane (C22)	13.082	2497091	18.941 ug/ml
14) T n-Tetracosane (C24)	14.187	2583690	18.396 ug/ml
15) T n-Hexacosane (C26)	15.208	2404293	19.046 ug/ml
16) T n-Octacosane (C28)	16.159	2362501	18.793 ug/ml
17) T n-Tricontane (C30)	17.048	2413003	18.261 ug/ml
18) T n-Dotriacontane (C32)	17.881	2397304	18.017 ug/ml
19) T n-Tetratriacontane (C34)	18.666	2338414	18.251 ug/ml
20) T n-Hexatriacontane (C36)	19.408	2237422	18.106 ug/ml
21) T n-Octatriacontane (C38)	20.142	2203834	18.452 ug/ml
22) T n-Tetracontane (C40)	21.049	2157943	18.623 ug/ml

(f)=RT Delta > 1/2 Window

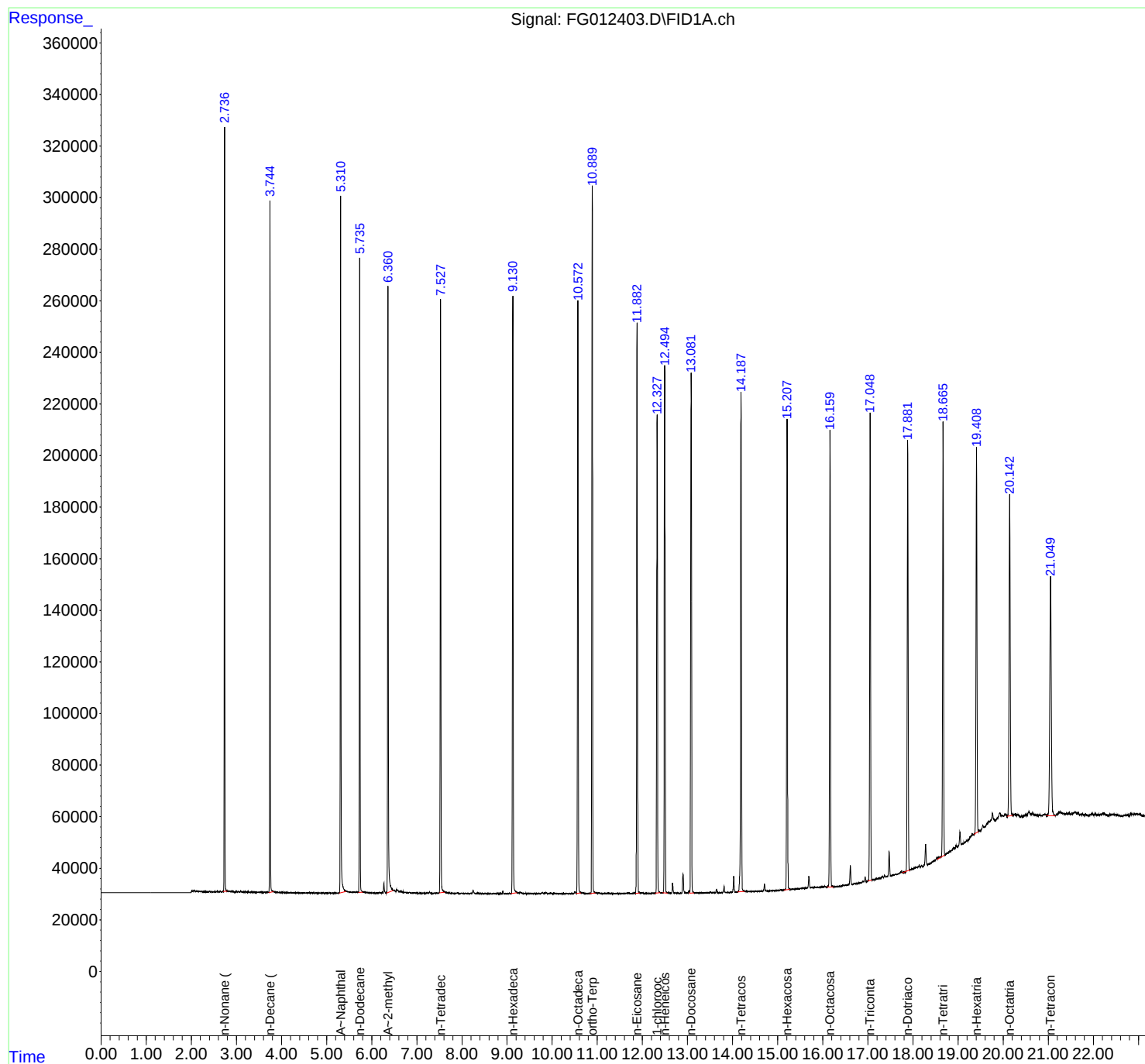
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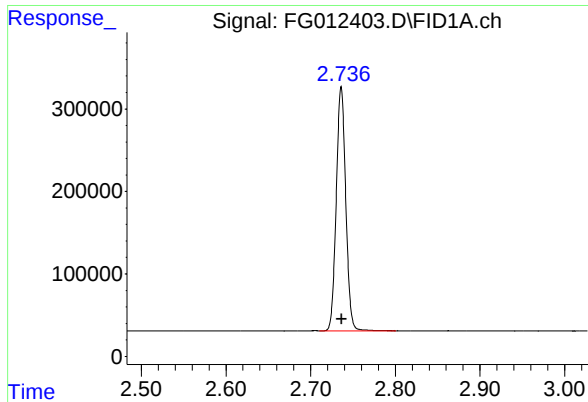
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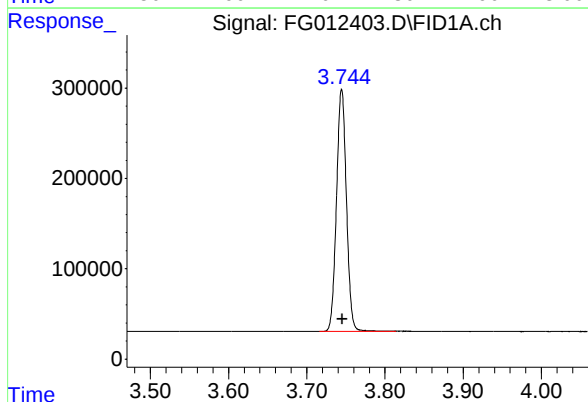




#1 n-Nonane (C9)

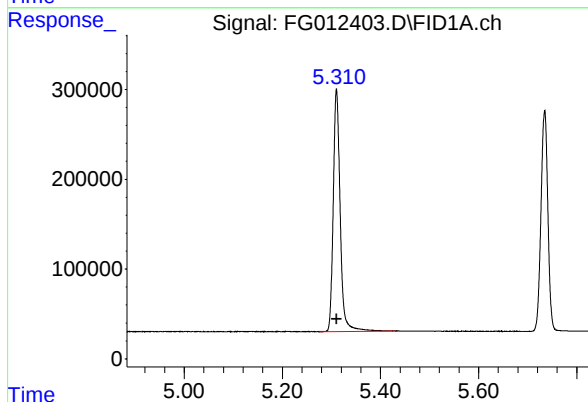
R.T.: 2.736 min
Delta R.T.: 0.000 min
Response: 2310113
Conc: 18.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



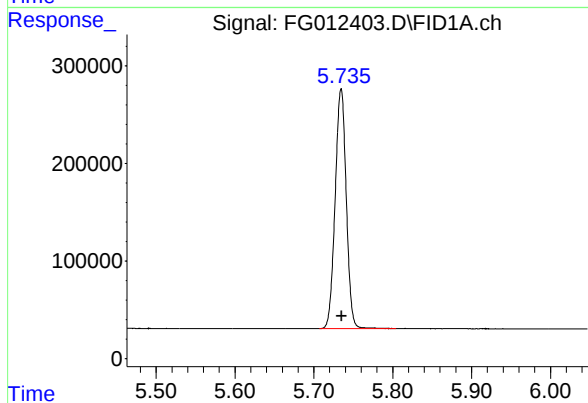
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 2367303
Conc: 18.62 ug/ml



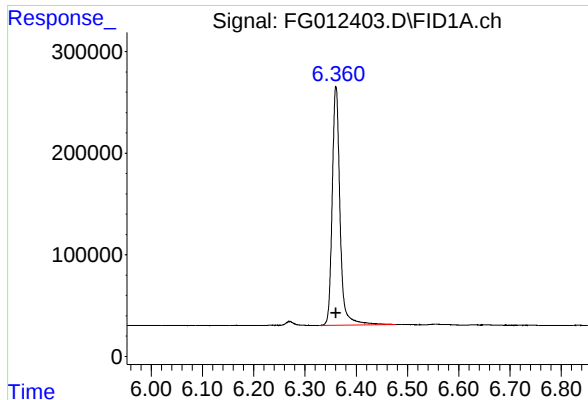
#3 A~Naphthalene (C11.7)

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 2641679
Conc: 19.09 ug/ml



#4 n-Dodecane (C12)

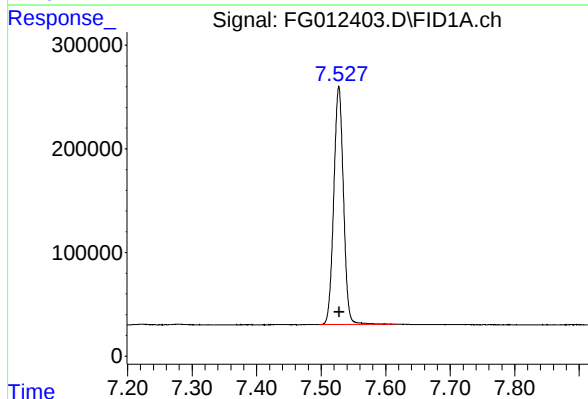
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 2402223
Conc: 18.67 ug/ml



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

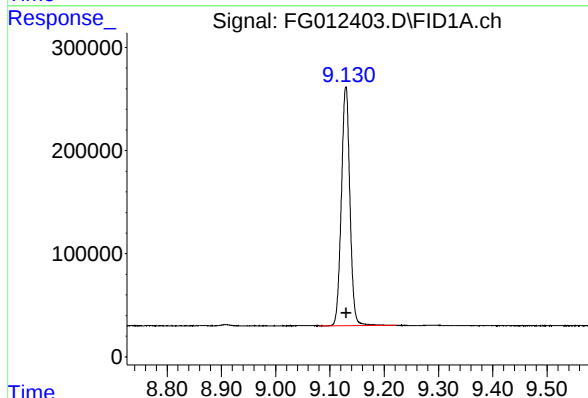
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 2499427
Conc: 19.14 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



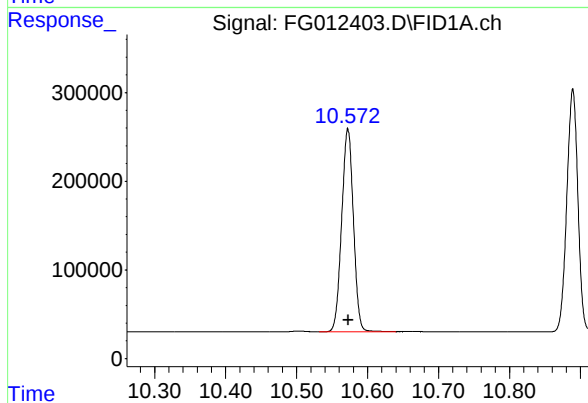
#6 n-Tetradecane (C14)

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 2401632
Conc: 18.81 ug/ml



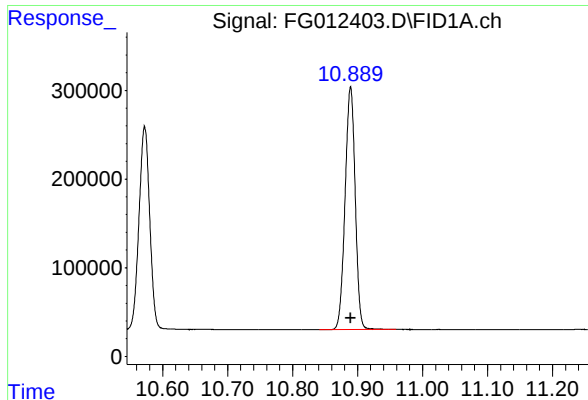
#7 n-Hexadecane (C16)

R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 2538406
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

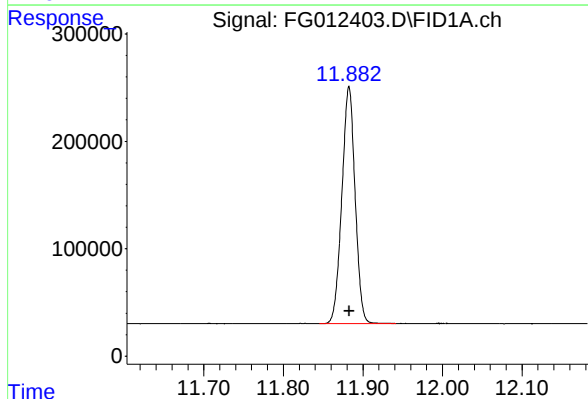
R.T.: 10.572 min
Delta R.T.: 0.000 min
Response: 2628005
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

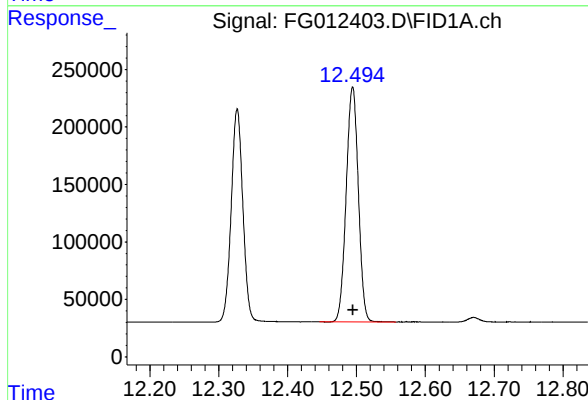
R.T.: 10.889 min
Delta R.T.: 0.000 min
Response: 2961822
Conc: 18.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



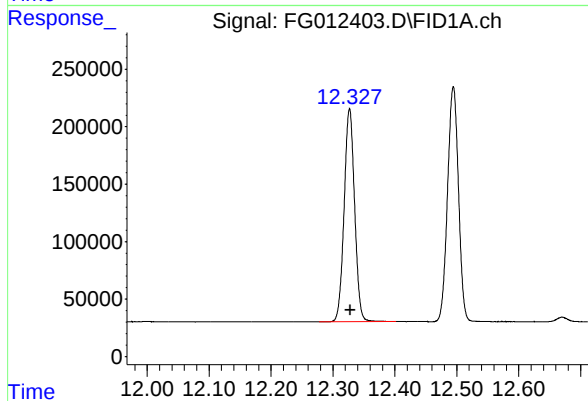
#10 n-Eicosane (C20)

R.T.: 11.883 min
Delta R.T.: 0.000 min
Response: 2553180
Conc: 18.89 ug/ml



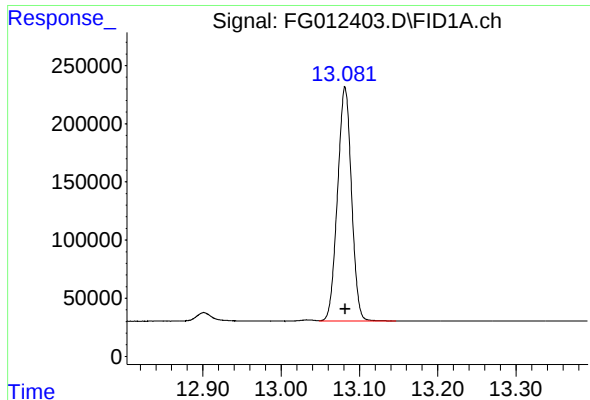
#11 n-Heneicosane (C21)

R.T.: 12.495 min
Delta R.T.: 0.000 min
Response: 2503699
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

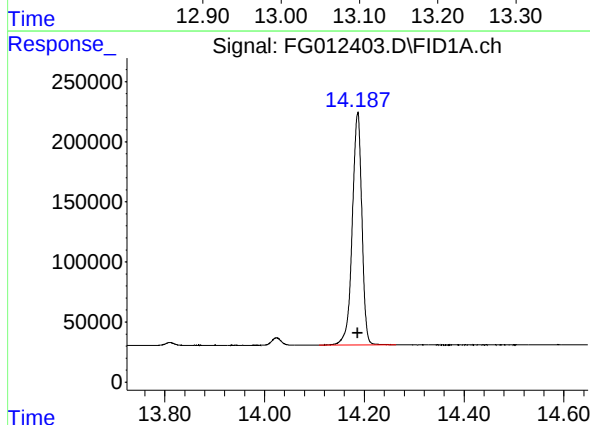
R.T.: 12.327 min
Delta R.T.: -0.001 min
Response: 2177805
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

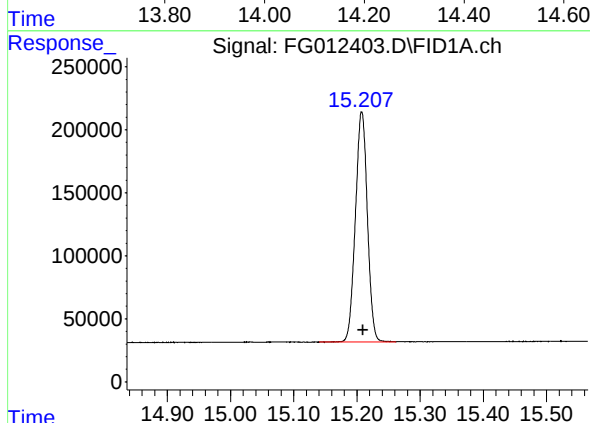
R.T.: 13.082 min
Delta R.T.: 0.000 min
Response: 2497091
Conc: 18.94 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



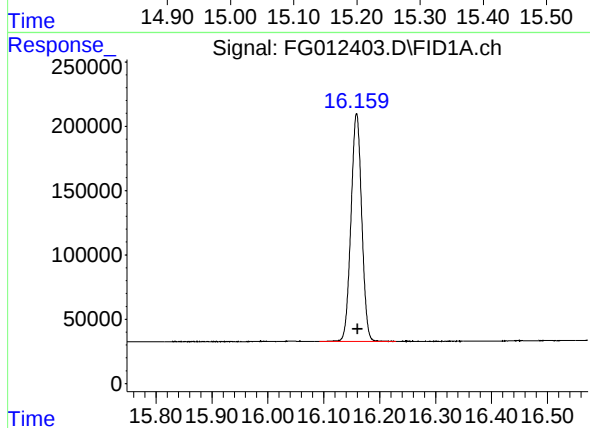
#14 n-Tetracosane (C24)

R.T.: 14.187 min
Delta R.T.: 0.000 min
Response: 2583690
Conc: 18.40 ug/ml



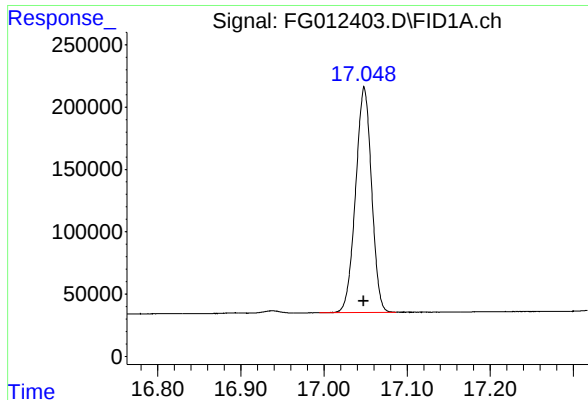
#15 n-Hexacosane (C26)

R.T.: 15.208 min
Delta R.T.: -0.002 min
Response: 2404293
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

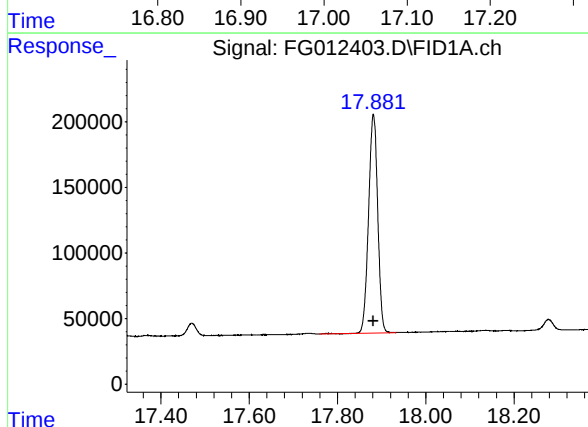
R.T.: 16.159 min
Delta R.T.: -0.001 min
Response: 2362501
Conc: 18.79 ug/ml



#17 n-Tricontane (C30)

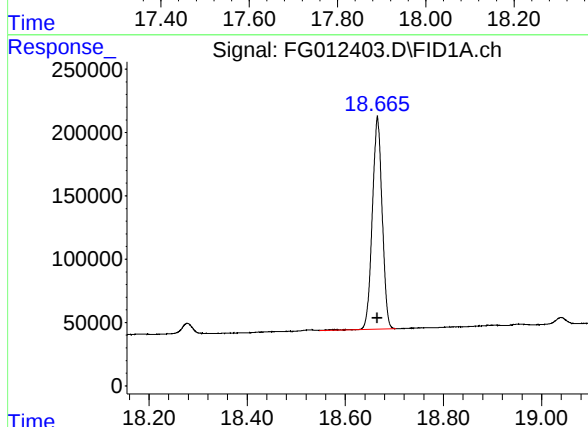
R.T.: 17.048 min
Delta R.T.: 0.000 min
Response: 2413003
Conc: 18.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



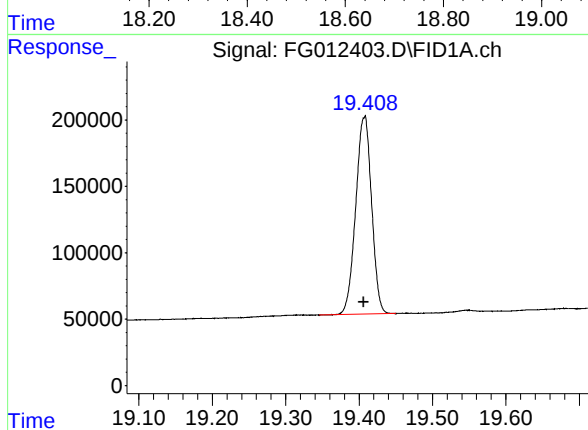
#18 n-Dotriacontane (C32)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 2397304
Conc: 18.02 ug/ml



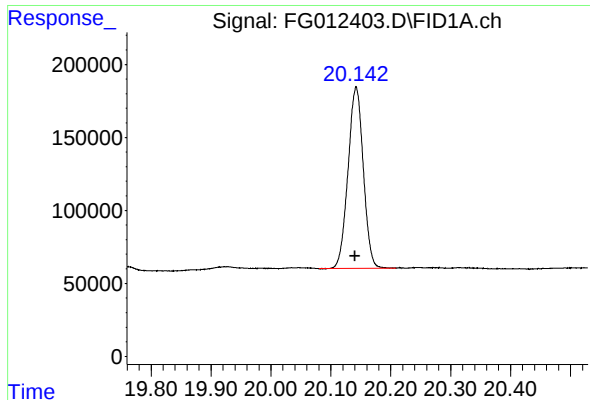
#19 n-Tetatriacontane (C34)

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 2338414
Conc: 18.25 ug/ml



#20 n-Hexatriacontane (C36)

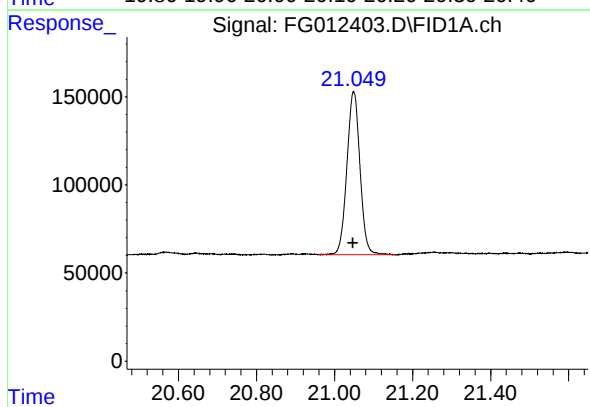
R.T.: 19.408 min
Delta R.T.: 0.002 min
Response: 2237422
Conc: 18.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.142 min
Delta R.T.: 0.002 min
Response: 2203834
Conc: 18.45 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.049 min
Delta R.T.: 0.001 min
Response: 2157943
Conc: 18.62 ug/ml