

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123AL\
 Data File : FG012534.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 09:07
 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 21 09:30:14 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)	10.881	3255848	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	12.318	2409511	20.789 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T n-Nonane (C9)	2.730	2548818	20.490 ug/ml
2) T n-Decane (C10)	3.737	2614470	20.563 ug/ml
3) T A~Naphthalene (C11.7)	5.303	2863554	20.688 ug/ml
4) T n-Dodecane (C12)	5.726	2650699	20.604 ug/ml
5) T A~2-methylnaphthalene...	6.353	2715407	20.796 ug/ml
6) T n-Tetradecane (C14)	7.519	2651600	20.763 ug/ml
7) T n-Hexadecane (C16)	9.120	2801052	21.008 ug/ml
8) T n-Octadecane (C18)	10.563	2908640	20.945 ug/ml
10) T n-Eicosane (C20)	11.873	2838309	20.994 ug/ml
11) T n-Heneicosane (C21)	12.486	2754883	20.766 ug/ml
13) T n-Docosane (C22)	13.072	2795675	21.206 ug/ml
14) T n-Tetracosane (C24)	14.177	2993172	21.311 ug/ml
15) T n-Hexacosane (C26)	15.198	2819618	22.336 ug/ml
16) T n-Octacosane (C28)	16.149	2839092	22.584 ug/ml
17) T n-Tricontane (C30)	17.038	2982312	22.569 ug/ml
18) T n-Dotriacontane (C32)	17.872	2983282	22.421 ug/ml
19) T n-Tetratriacontane (C34)	18.657	2754061	21.495 ug/ml
20) T n-Hexatriacontane (C36)	19.398	2655868	21.493 ug/ml
21) T n-Octatriacontane (C38)	20.131	2496063	20.898 ug/ml
22) T n-Tetracontane (C40)	21.036	2444934	21.100 ug/ml

(f)=RT Delta > 1/2 Window

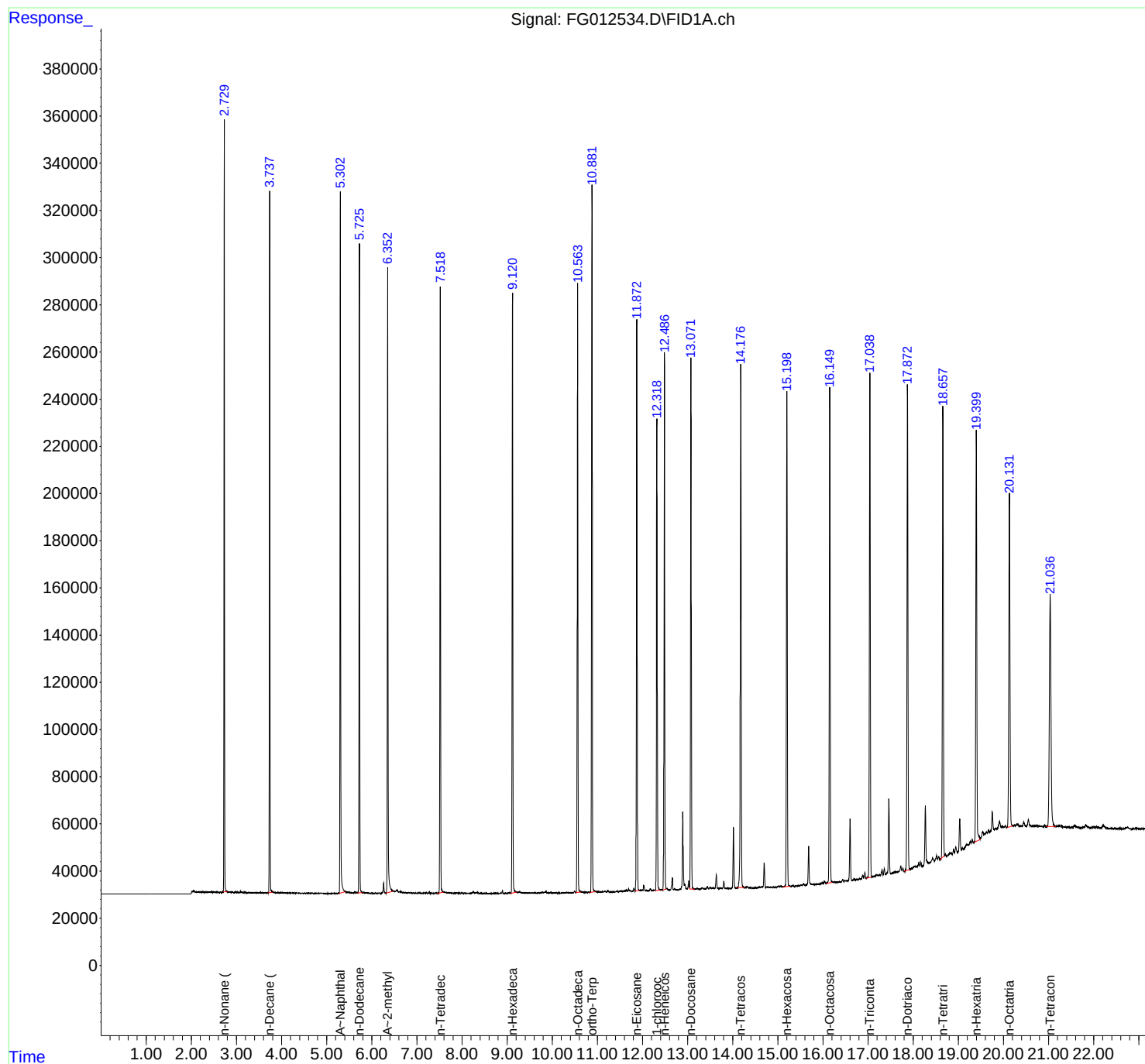
(m)=manual int.

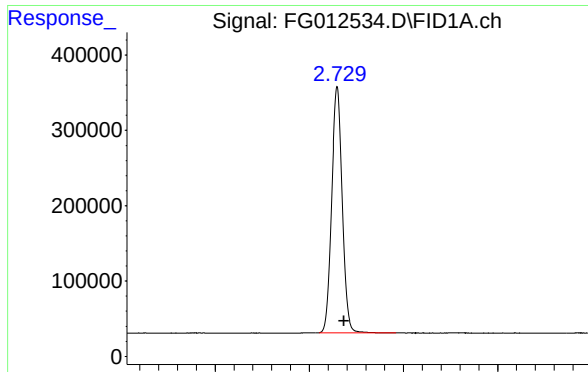
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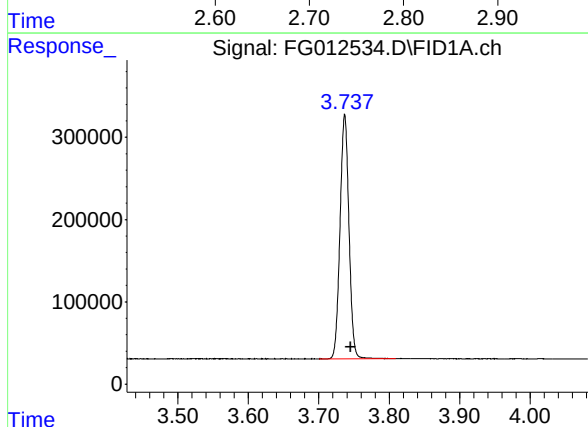




#1 n-Nonane (C9)

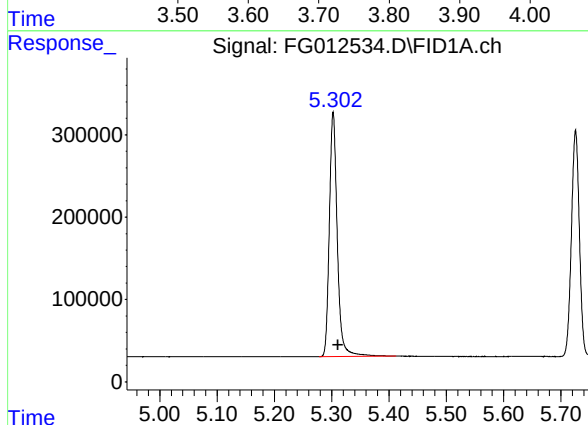
R.T.: 2.730 min
Delta R.T.: -0.007 min
Response: 2548818
Conc: 20.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



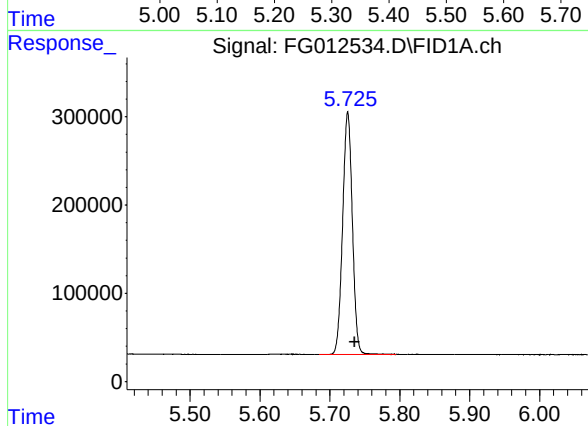
#2 n-Decane (C10)

R.T.: 3.737 min
Delta R.T.: -0.009 min
Response: 2614470
Conc: 20.56 ug/ml



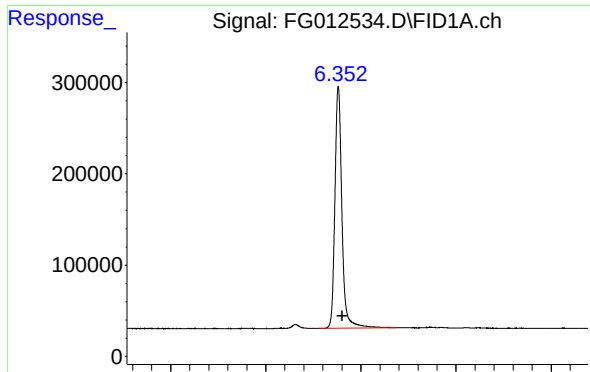
#3 A~Naphthalene (C11.7)

R.T.: 5.303 min
Delta R.T.: -0.008 min
Response: 2863554
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

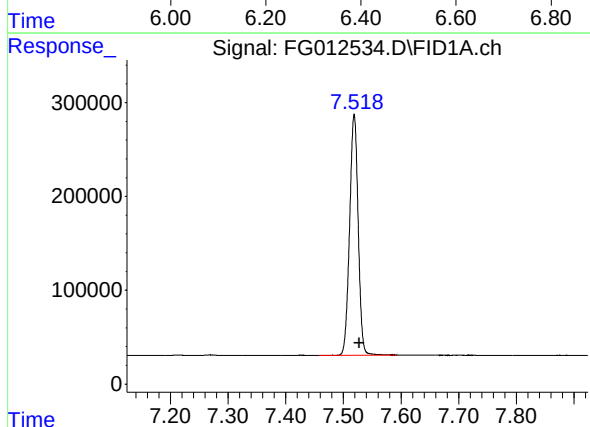
R.T.: 5.726 min
Delta R.T.: -0.009 min
Response: 2650699
Conc: 20.60 ug/ml



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

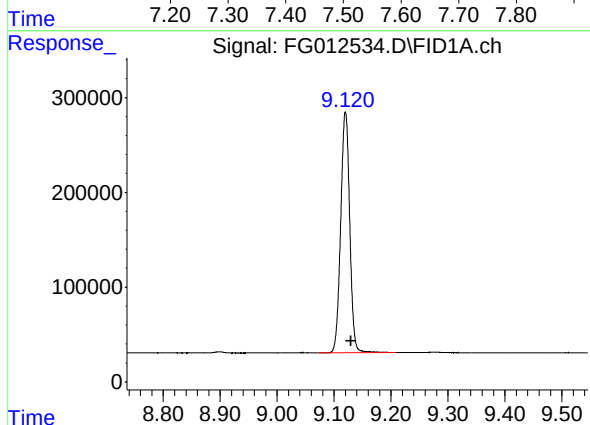
R.T.: 6.353 min
Delta R.T.: -0.008 min
Response: 2715407
Conc: 20.80 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



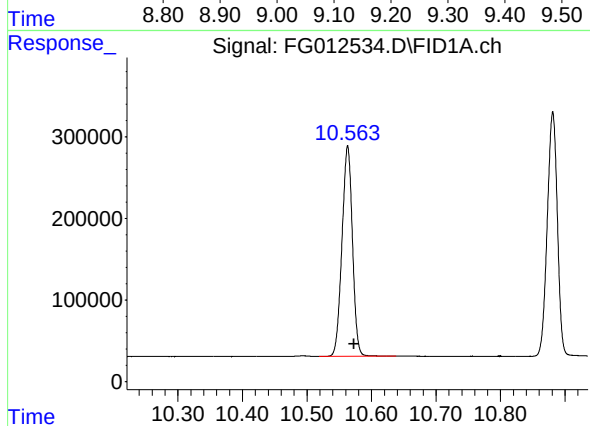
#6 n-Tetradecane (C14)

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 2651600
Conc: 20.76 ug/ml



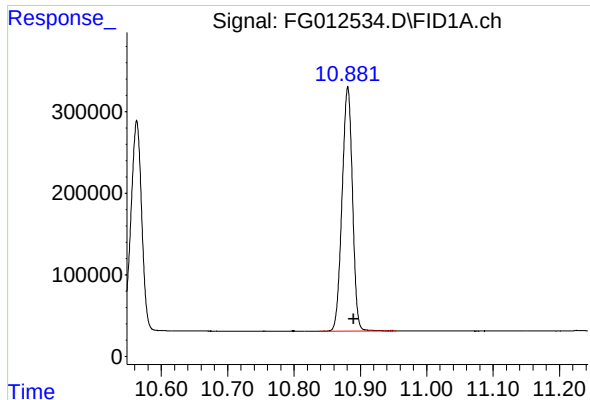
#7 n-Hexadecane (C16)

R.T.: 9.120 min
Delta R.T.: -0.010 min
Response: 2801052
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

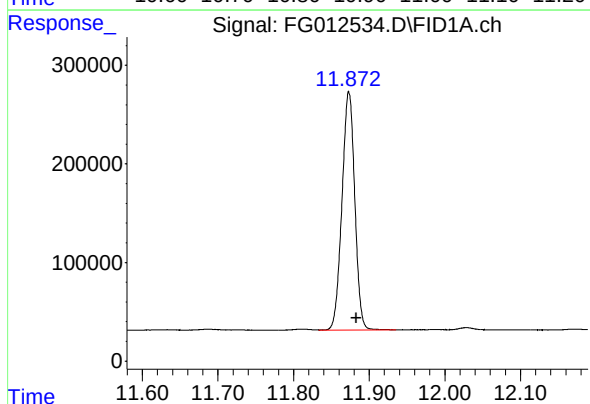
R.T.: 10.563 min
Delta R.T.: -0.010 min
Response: 2908640
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

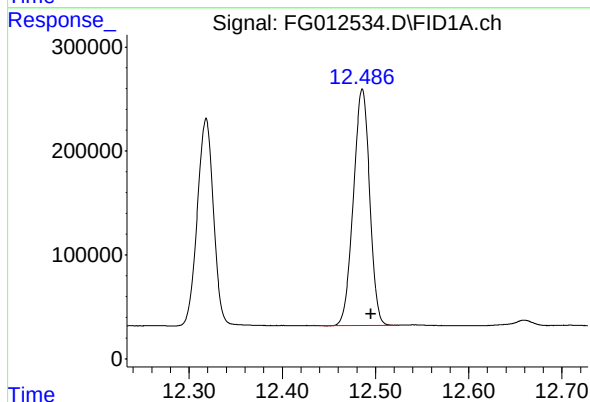
R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 3255848
Conc: 20.84 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



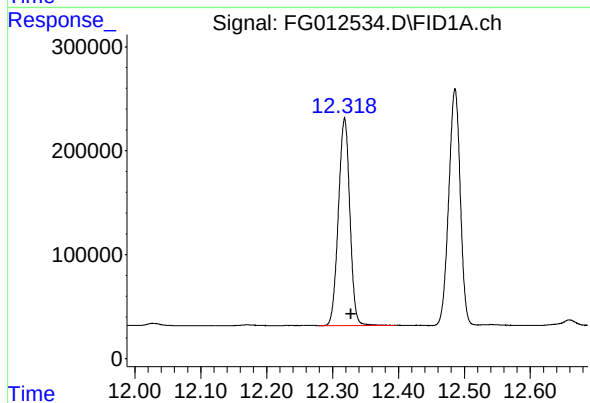
#10 n-Eicosane (C20)

R.T.: 11.873 min
Delta R.T.: -0.010 min
Response: 2838309
Conc: 20.99 ug/ml



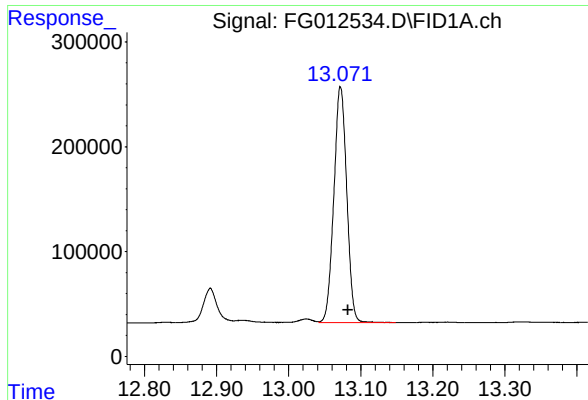
#11 n-Heneicosane (C21)

R.T.: 12.486 min
Delta R.T.: -0.009 min
Response: 2754883
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

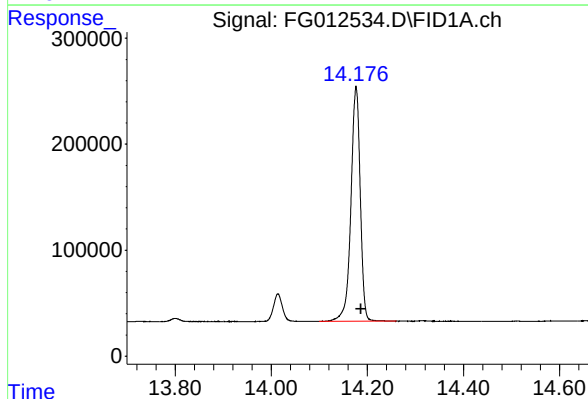
R.T.: 12.318 min
Delta R.T.: -0.010 min
Response: 2409511
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

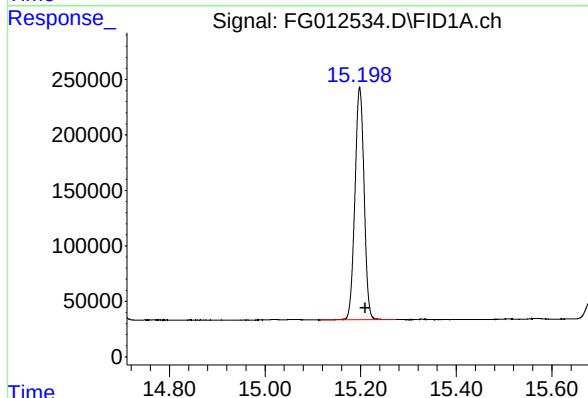
R.T.: 13.072 min
Delta R.T.: -0.010 min
Response: 2795675
Conc: 21.21 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



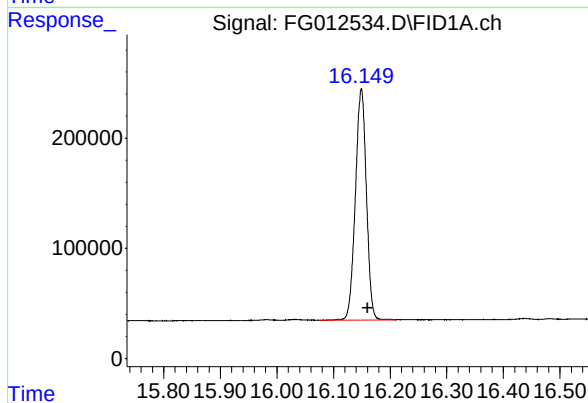
#14 n-Tetracosane (C24)

R.T.: 14.177 min
Delta R.T.: -0.010 min
Response: 2993172
Conc: 21.31 ug/ml



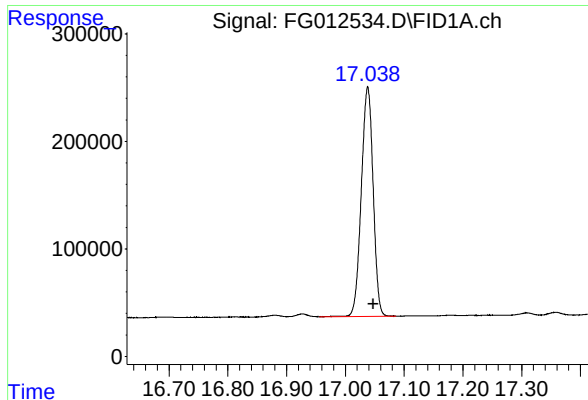
#15 n-Hexacosane (C26)

R.T.: 15.198 min
Delta R.T.: -0.011 min
Response: 2819618
Conc: 22.34 ug/ml



#16 n-Octacosane (C28)

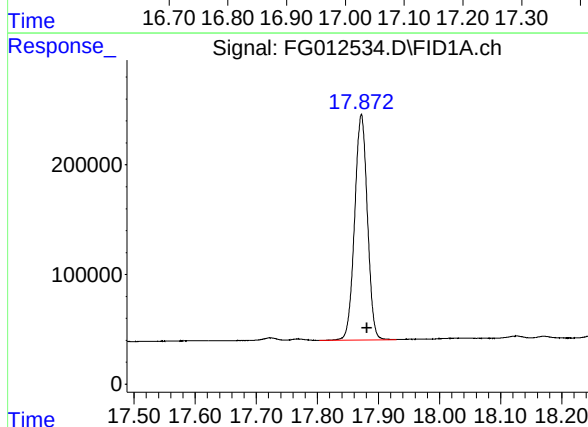
R.T.: 16.149 min
Delta R.T.: -0.011 min
Response: 2839092
Conc: 22.58 ug/ml



#17 n-Tricontane (C30)

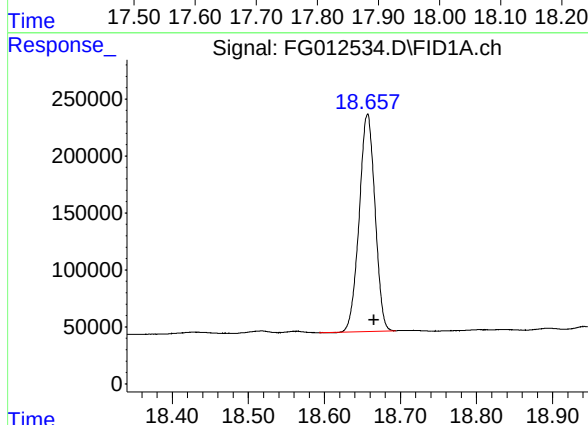
R.T.: 17.038 min
Delta R.T.: -0.009 min
Response: 2982312
Conc: 22.57 ug/ml

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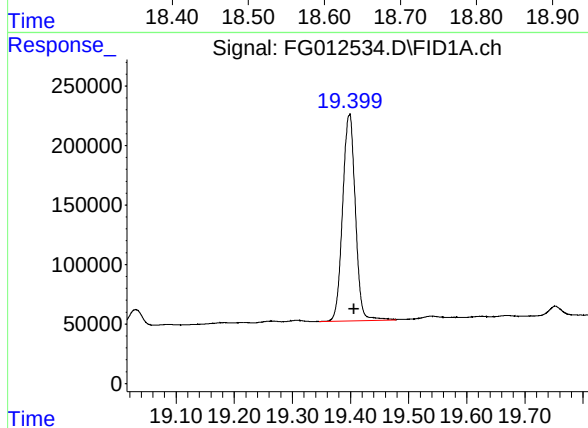
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 2983282
Conc: 22.42 ug/ml



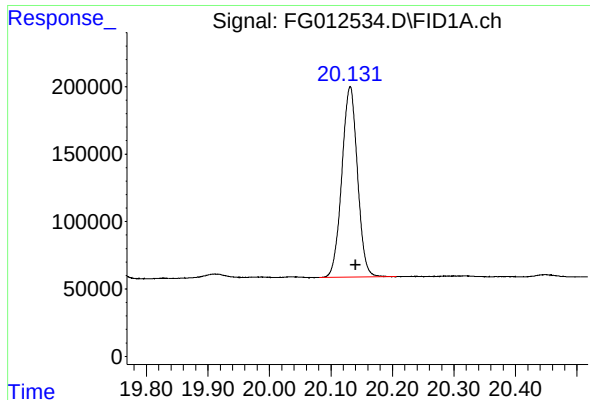
#19 n-Tetatriacontane (C34)

R.T.: 18.657 min
Delta R.T.: -0.008 min
Response: 2754061
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

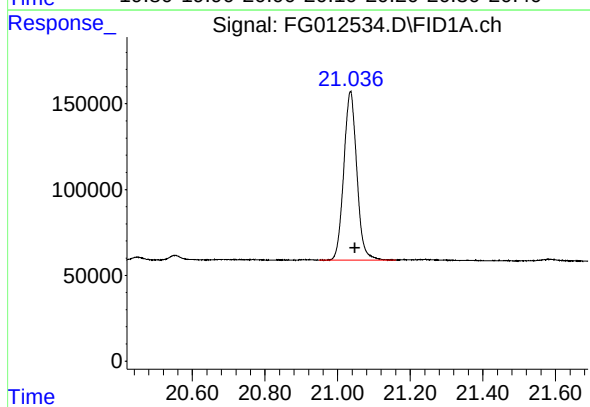
R.T.: 19.398 min
Delta R.T.: -0.008 min
Response: 2655868
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.131 min
Delta R.T.: -0.009 min
Response: 2496063
Conc: 20.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: -0.012 min
Response: 2444934
Conc: 21.10 ug/ml