

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072023AL\
 Data File : FG012490.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 07:33
 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 01:48:14 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	3219414	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	12.319	2396045	20.673 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	2.732	2561547	20.593 ug/ml
2) T n-Decane (C10)	3.740	2624307	20.641 ug/ml
3) T A~Naphthalene (C11.7)	5.303	2849005	20.583 ug/ml
4) T n-Dodecane (C12)	5.728	2649928	20.598 ug/ml
5) T A~2-methylnaphthalene...	6.353	2699963	20.678 ug/ml
6) T n-Tetradecane (C14)	7.521	2634571	20.630 ug/ml
7) T n-Hexadecane (C16)	9.122	2768671	20.765 ug/ml
8) T n-Octadecane (C18)	10.564	2870111	20.667 ug/ml
10) T n-Eicosane (C20)	11.875	2797420	20.692 ug/ml
11) T n-Heneicosane (C21)	12.487	2734504	20.612 ug/ml
13) T n-Docosane (C22)	13.073	2742560	20.803 ug/ml
14) T n-Tetracosane (C24)	14.178	2879473	20.502 ug/ml
15) T n-Hexacosane (C26)	15.199	2674755	21.189 ug/ml
16) T n-Octacosane (C28)	16.149	2643168	21.026 ug/ml
17) T n-Tricontane (C30)	17.038	2727508	20.641 ug/ml
18) T n-Dotriacontane (C32)	17.872	2708788	20.358 ug/ml
19) T n-Tetratriacontane (C34)	18.656	2587873	20.198 ug/ml
20) T n-Hexatriacontane (C36)	19.397	2453356	19.854 ug/ml
21) T n-Octatriacontane (C38)	20.130	2374675	19.882 ug/ml
22) T n-Tetracontane (C40)	21.032	2337817	20.175 ug/ml

(f)=RT Delta > 1/2 Window

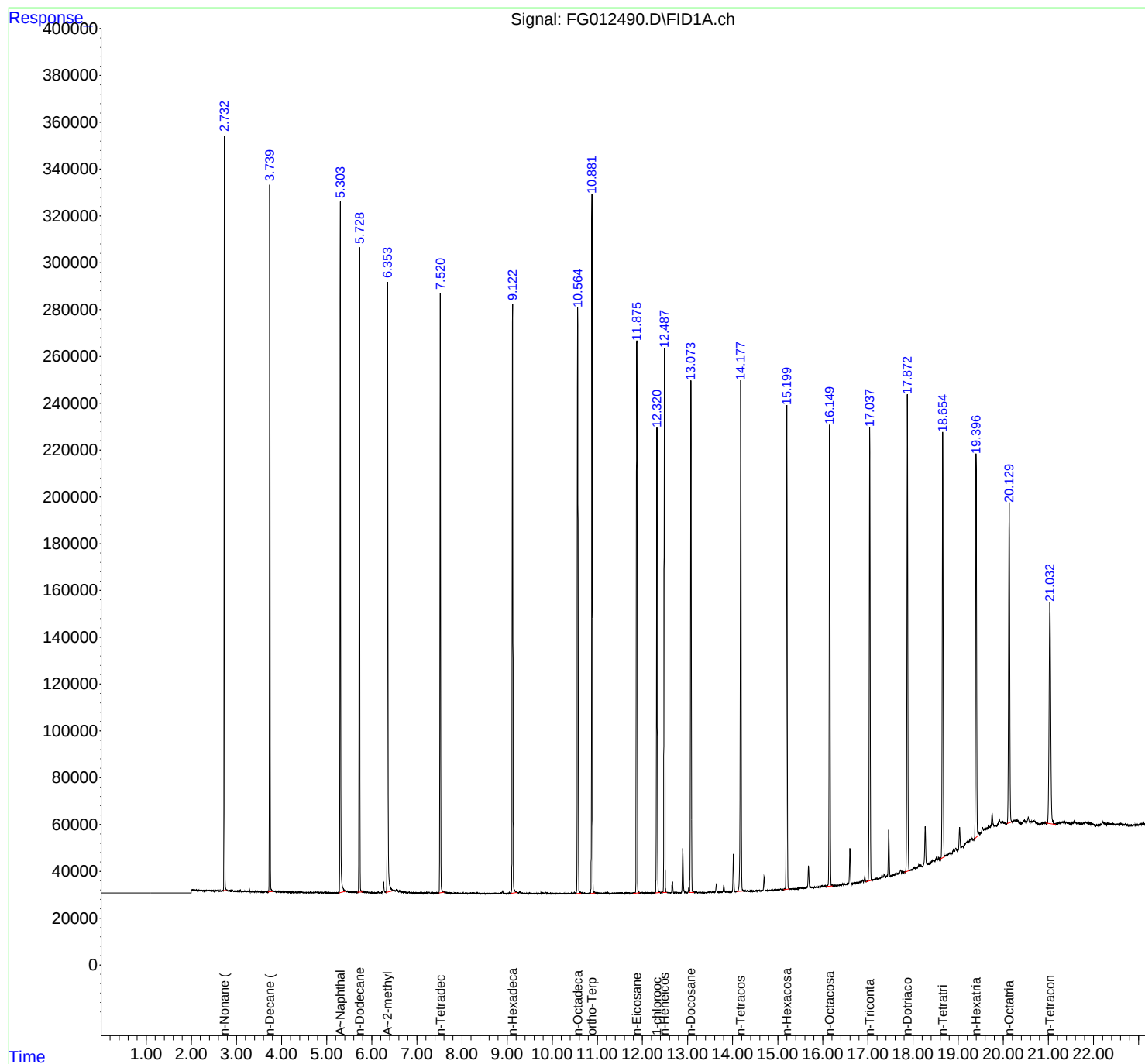
(m)=manual int.

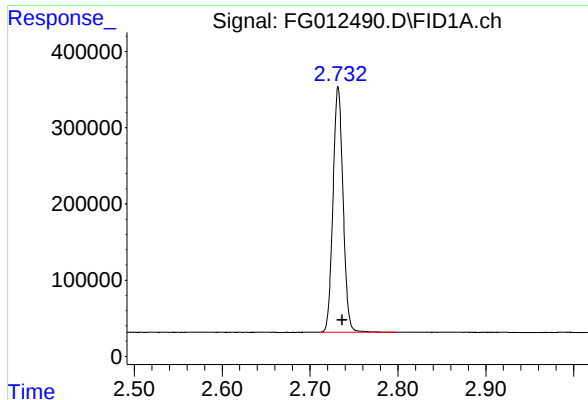
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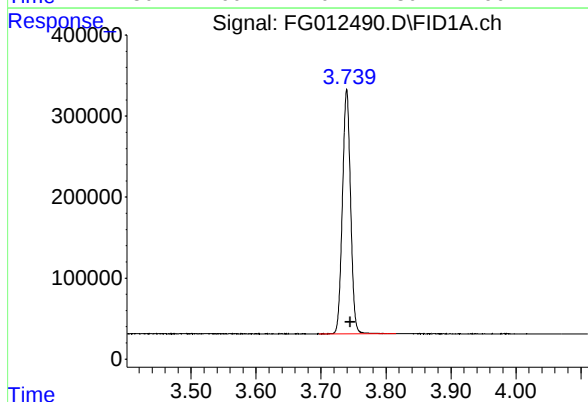




#1 n-Nonane (C9)

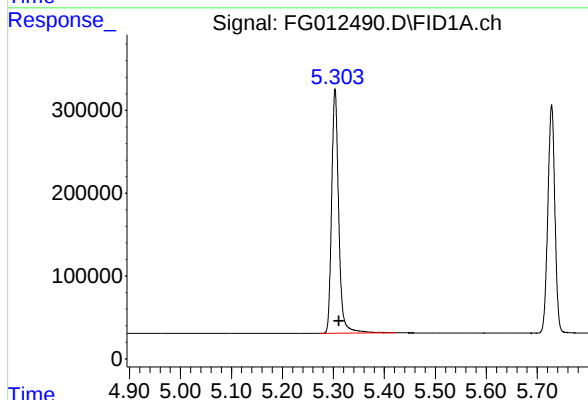
R.T.: 2.732 min
Delta R.T.: -0.005 min
Response: 2561547
Conc: 20.59 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



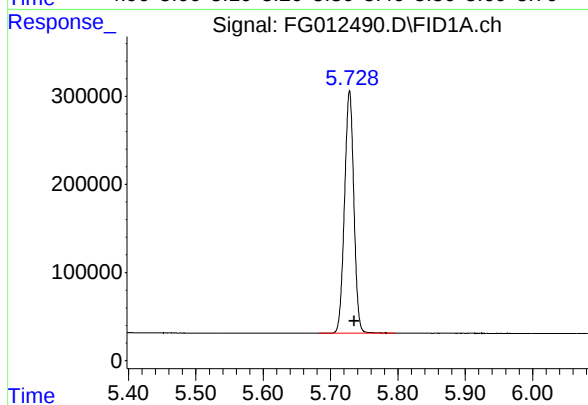
#2 n-Decane (C10)

R.T.: 3.740 min
Delta R.T.: -0.006 min
Response: 2624307
Conc: 20.64 ug/ml



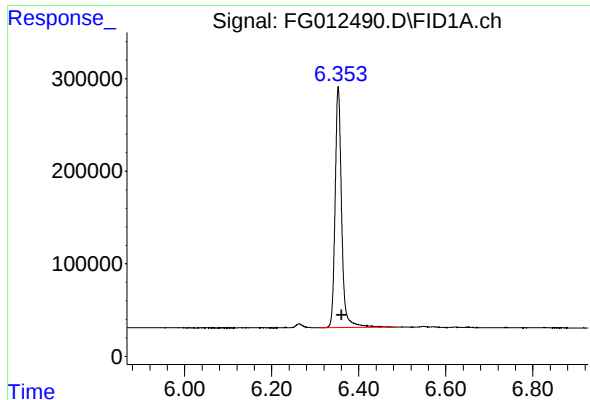
#3 A~Naphthalene (C11.7)

R.T.: 5.303 min
Delta R.T.: -0.008 min
Response: 2849005
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

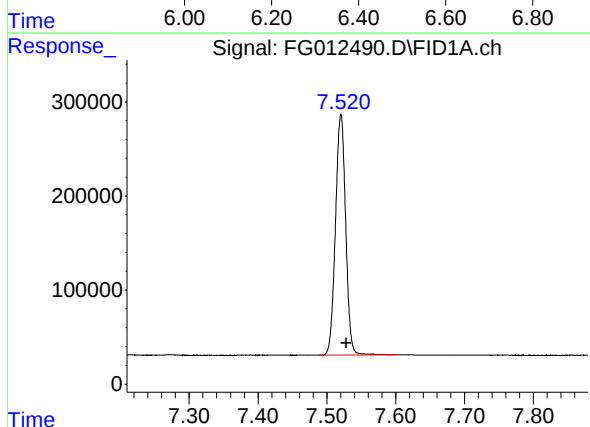
R.T.: 5.728 min
Delta R.T.: -0.007 min
Response: 2649928
Conc: 20.60 ug/ml



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

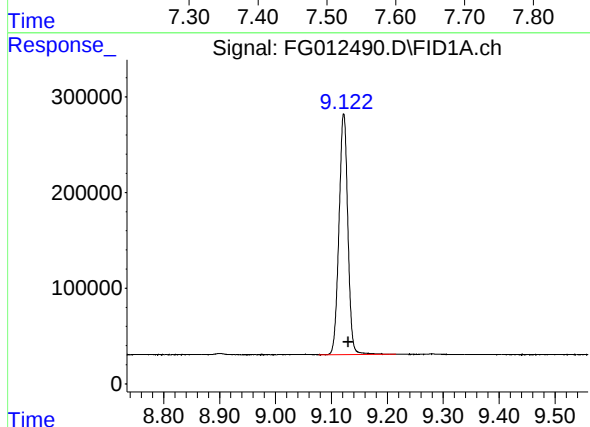
R.T.: 6.353 min
Delta R.T.: -0.008 min
Response: 2699963
Conc: 20.68 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



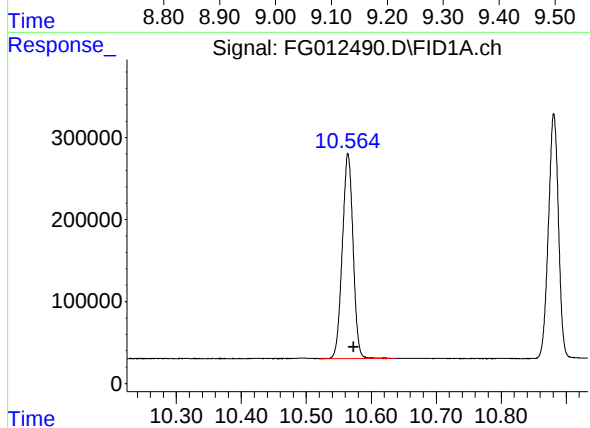
#6 n-Tetradecane (C14)

R.T.: 7.521 min
Delta R.T.: -0.008 min
Response: 2634571
Conc: 20.63 ug/ml



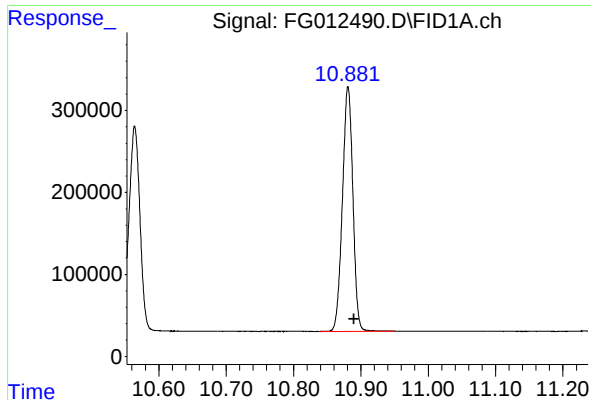
#7 n-Hexadecane (C16)

R.T.: 9.122 min
Delta R.T.: -0.008 min
Response: 2768671
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

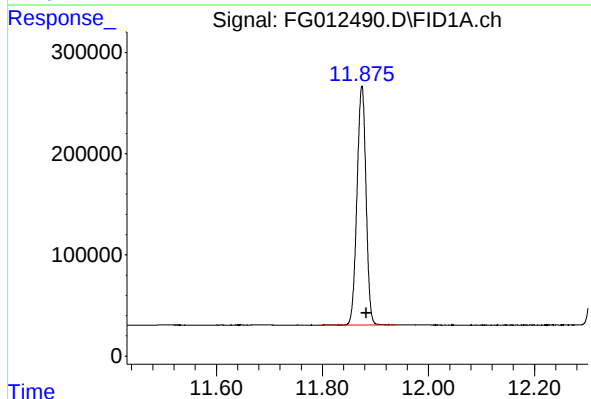
R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 2870111
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

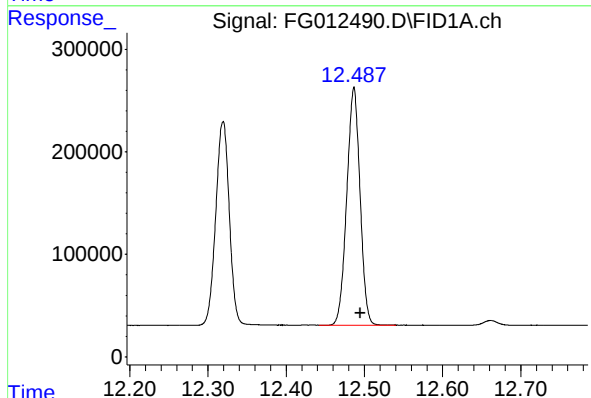
R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 3219414
Conc: 20.60 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



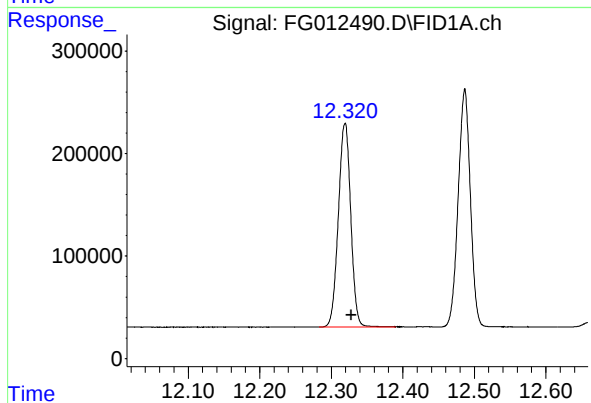
#10 n-Eicosane (C20)

R.T.: 11.875 min
Delta R.T.: -0.008 min
Response: 2797420
Conc: 20.69 ug/ml



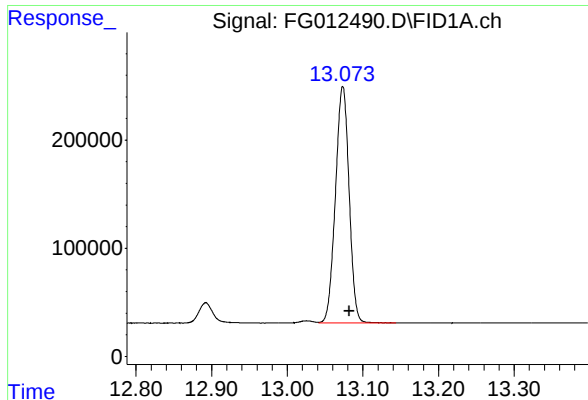
#11 n-Heneicosane (C21)

R.T.: 12.487 min
Delta R.T.: -0.008 min
Response: 2734504
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

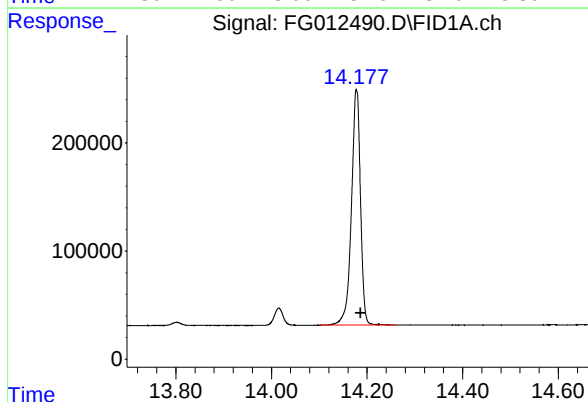
R.T.: 12.319 min
Delta R.T.: -0.009 min
Response: 2396045
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

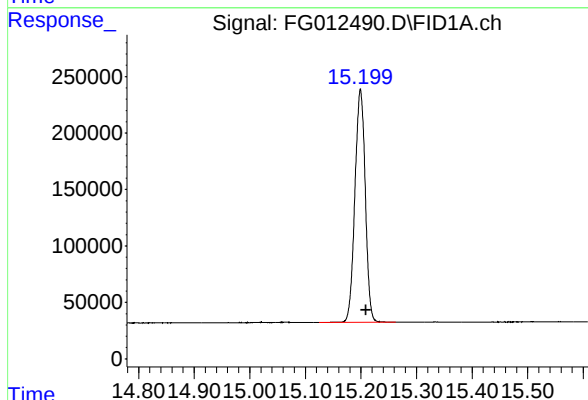
R.T.: 13.073 min
Delta R.T.: -0.009 min
Response: 2742560
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



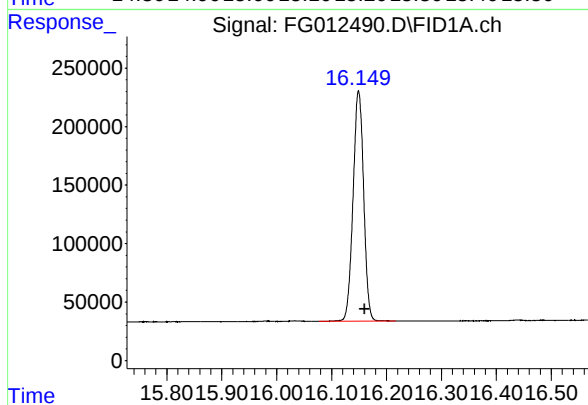
#14 n-Tetracosane (C24)

R.T.: 14.178 min
Delta R.T.: -0.009 min
Response: 2879473
Conc: 20.50 ug/ml



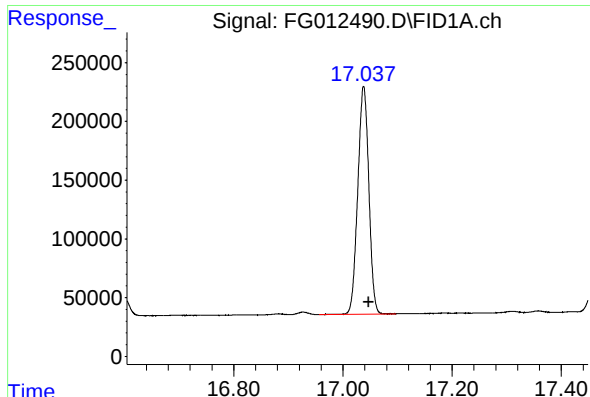
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 2674755
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

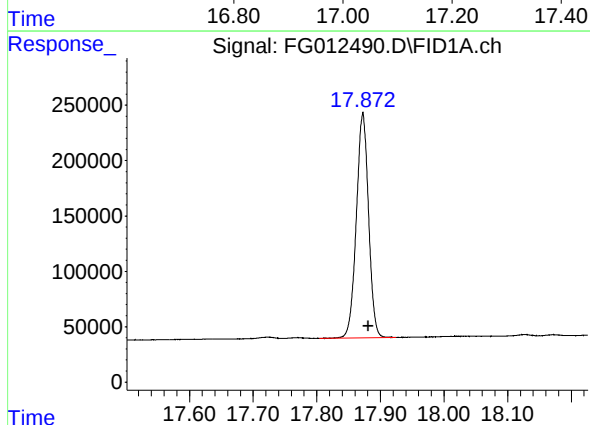
R.T.: 16.149 min
Delta R.T.: -0.011 min
Response: 2643168
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

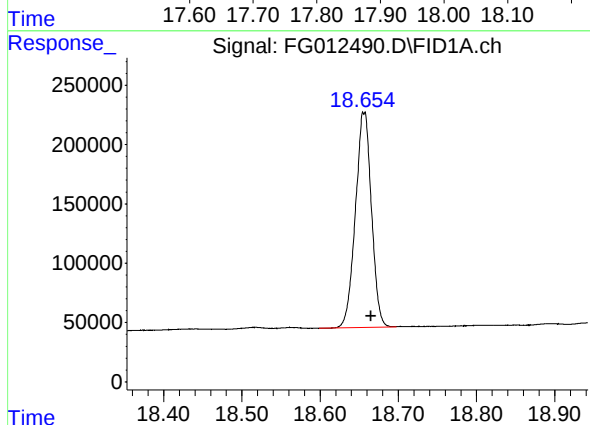
R.T.: 17.038 min
Delta R.T.: -0.010 min
Response: 2727508
Conc: 20.64 ug/ml

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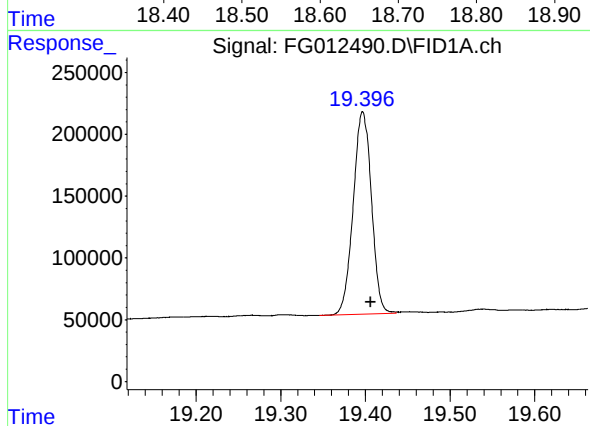
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 2708788
Conc: 20.36 ug/ml



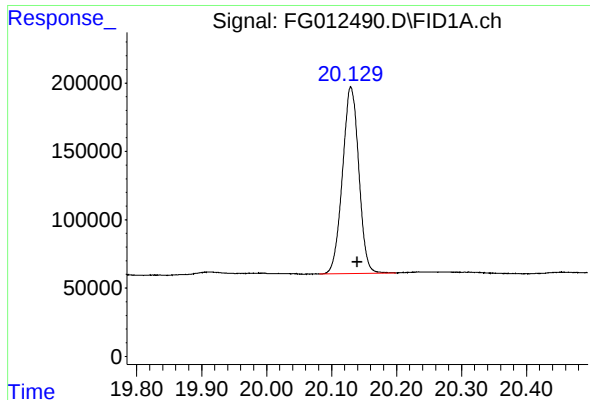
#19 n-Tetratriacontane (C34)

R.T.: 18.656 min
Delta R.T.: -0.009 min
Response: 2587873
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

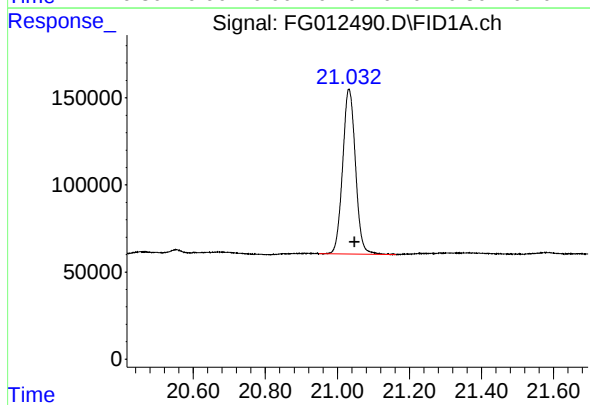
R.T.: 19.397 min
Delta R.T.: -0.009 min
Response: 2453356
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: -0.010 min
Response: 2374675
Conc: 19.88 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: -0.016 min
Response: 2337817
Conc: 20.18 ug/ml