

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041723AL\
 Data File : FC063392.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2023 09:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 17 15:42:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.531	3271414	21.502 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
12) S 1-chlorooctadecane (S...	12.968	2401793	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T n-Nonane (C9)	3.293	2926902	20.847 ug/ml
2) T n-Decane (C10)	4.361	2922512	21.446 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3187758	21.111 ug/ml
4) T n-Dodecane (C12)	6.380	2924944	21.742 ug/ml
5) T A~2-methylnaphthalene...	7.002	2959702	21.250 ug/ml
6) T n-Tetradecane (C14)	8.176	2878677	21.264 ug/ml
7) T n-Hexadecane (C16)	9.776	2931434	21.587 ug/ml
8) T n-Octadecane (C18)	11.218	2966159	21.414 ug/ml
10) T n-Eicosane (C20)	12.525	2881748	21.449 ug/ml
11) T n-Heneicosane (C21)	13.136	2889211	21.467 ug/ml
13) T n-Docosane (C22)	13.722	2857522	21.428 ug/ml
14) T n-Tetracosane (C24)	14.824	2856262	21.243 ug/ml
15) T n-Hexacosane (C26)	15.842	2852660	21.312 ug/ml
16) T n-Octacosane (C28)	16.790	2923896	21.594 ug/ml
17) T n-Tricontane (C30)	17.675	3122523	22.572 ug/ml
18) T n-Dotriacontane (C32)	18.506	3260805	23.097 ug/ml
19) T n-Tetratriacontane (C34)	19.287	3174557	23.004 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2969916	23.236 ug/ml
21) T n-Octatriacontane (C38)	20.754	2905728	23.598 ug/ml
22) T n-Tetracontane (C40)	21.654	2830864	24.056 ug/ml

(f)=RT Delta > 1/2 Window

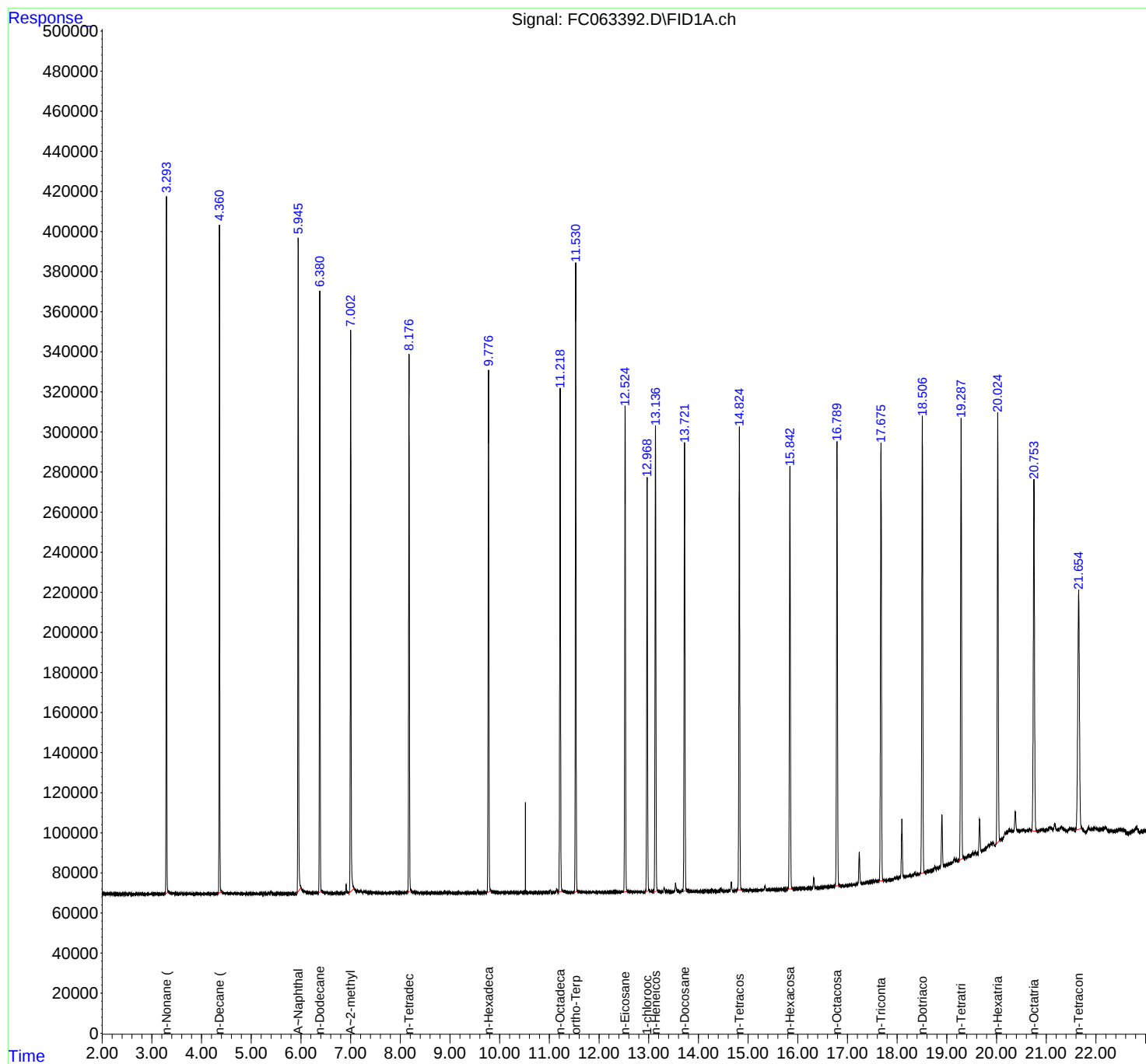
(m)=manual int.

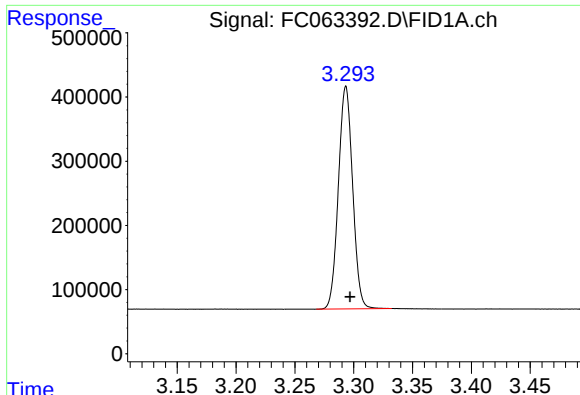
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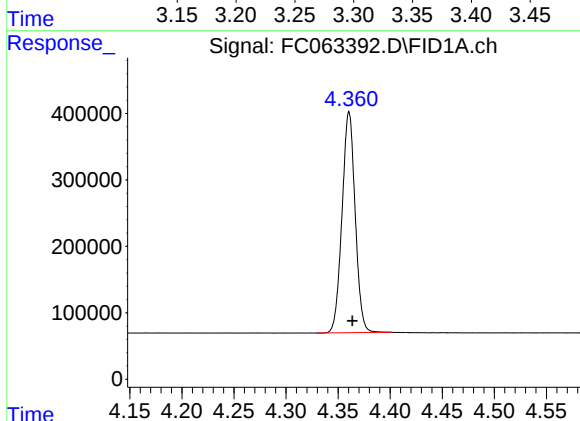




#1 n-Nonane (C9)

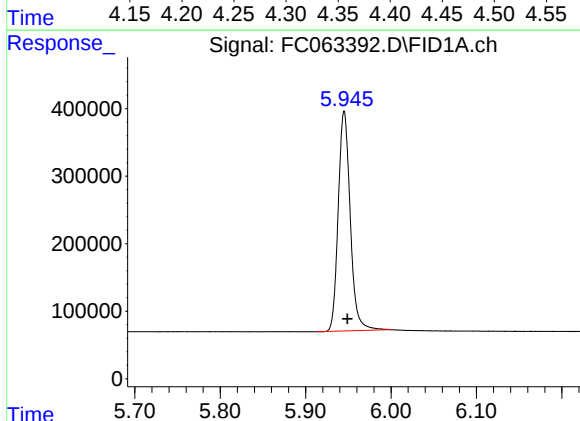
R.T.: 3.293 min
Delta R.T.: -0.004 min
Response: 2926902
Conc: 20.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



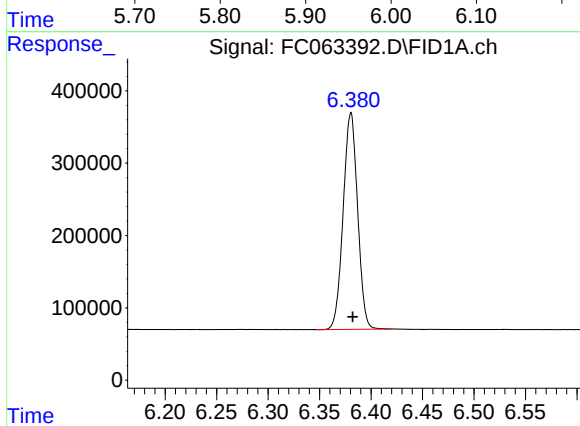
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 2922512
Conc: 21.45 ug/ml



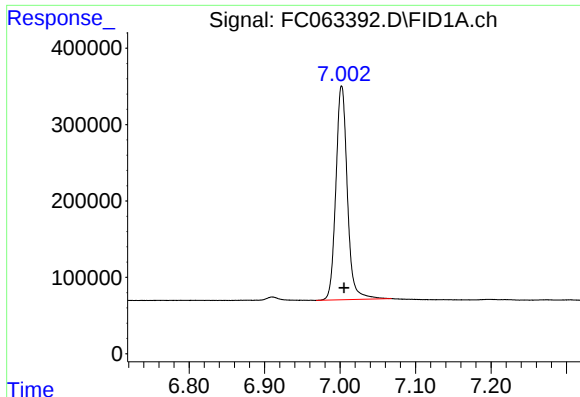
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 3187758
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

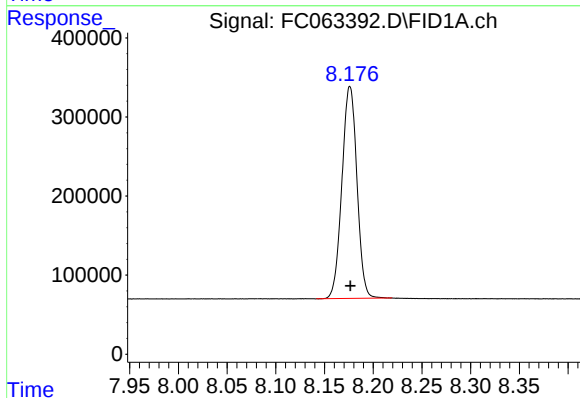
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2924944
Conc: 21.74 ug/ml



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

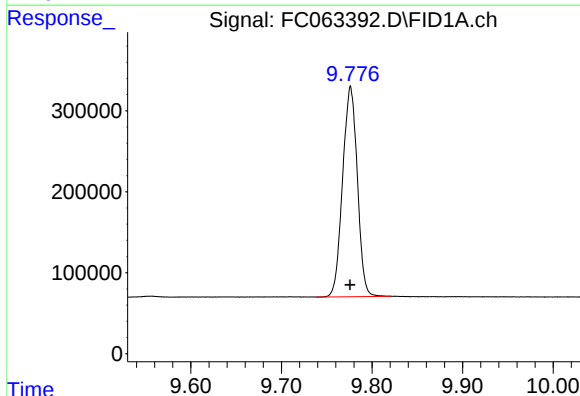
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 2959702
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



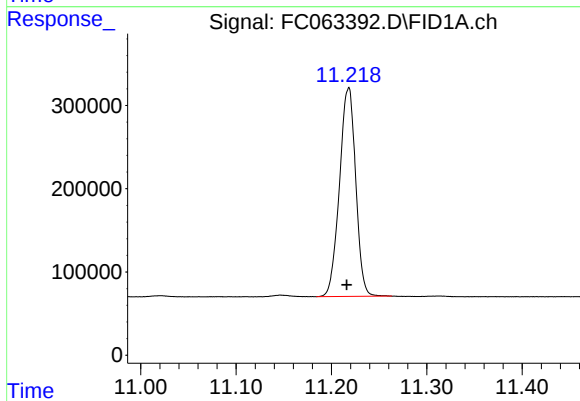
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2878677
Conc: 21.26 ug/ml



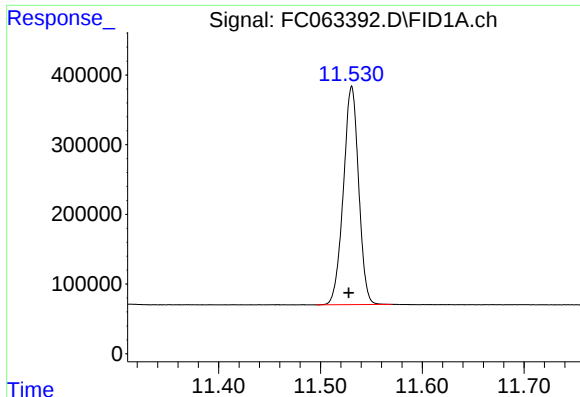
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2931434
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

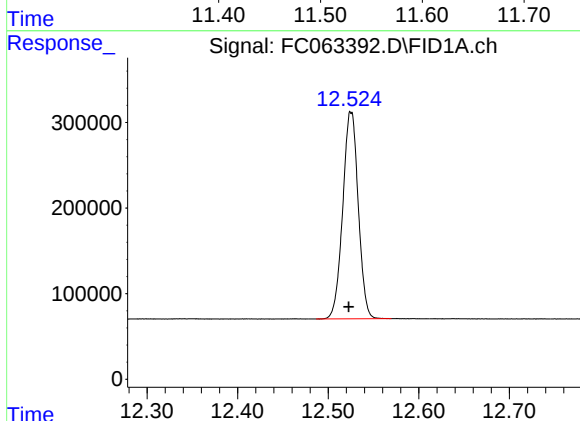
R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2966159
Conc: 21.41 ug/ml



#9 ortho-Terphenyl (SURR)

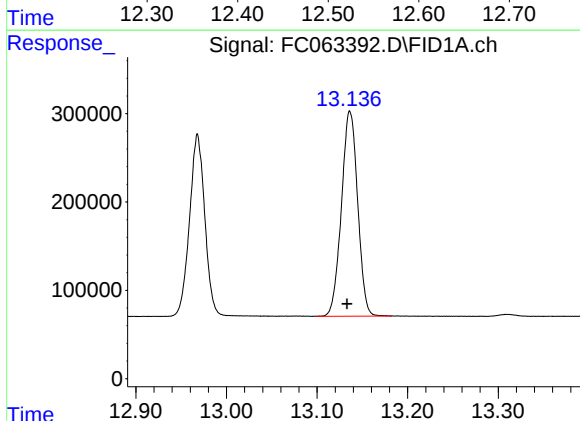
R.T.: 11.531 min
Delta R.T.: 0.003 min
Response: 3271414
Conc: 21.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



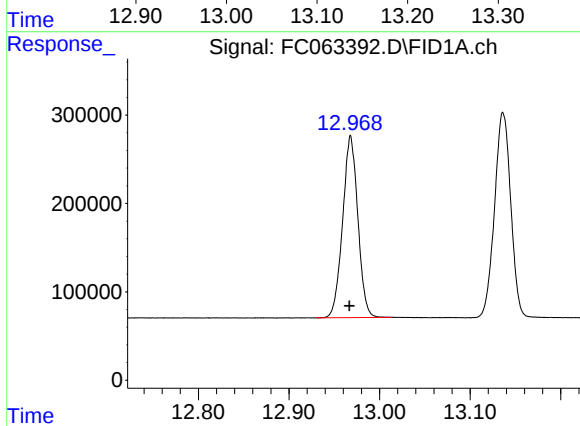
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.003 min
Response: 2881748
Conc: 21.45 ug/ml



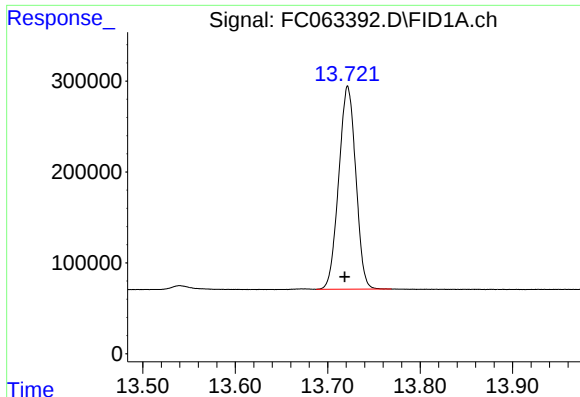
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 2889211
Conc: 21.47 ug/ml



#12 1-chlorooctadecane (SURR)

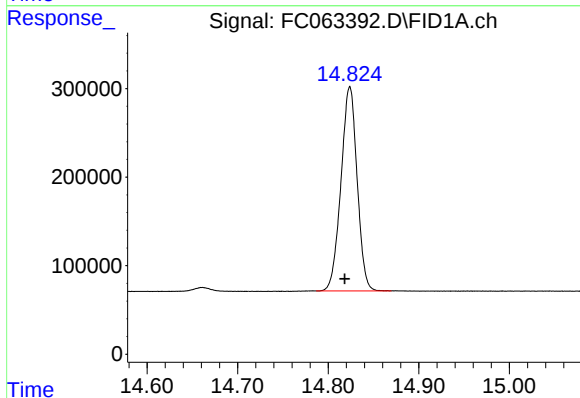
R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 2401793
Conc: 21.71 ug/ml



#13 n-Docosane (C22)

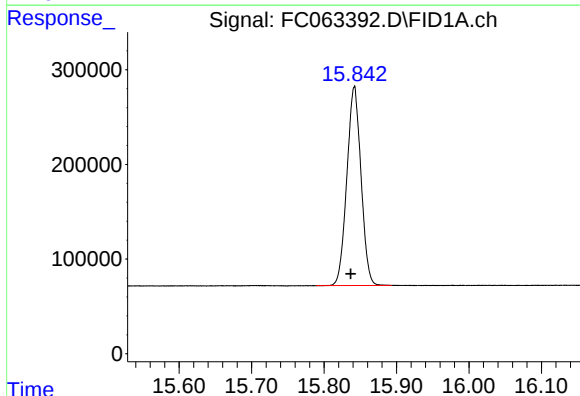
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 2857522
Conc: 21.43 ug/ml

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20 PPM ALIPHATIC HC STD



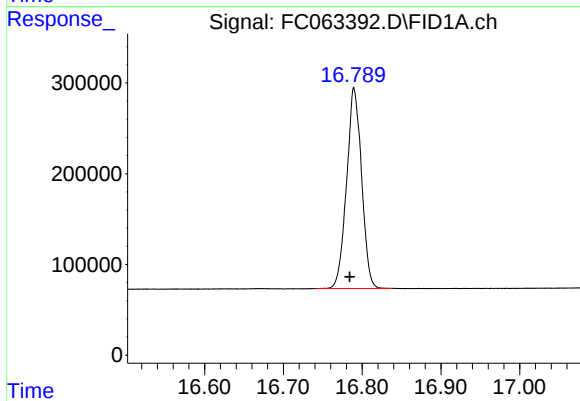
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 2856262
Conc: 21.24 ug/ml



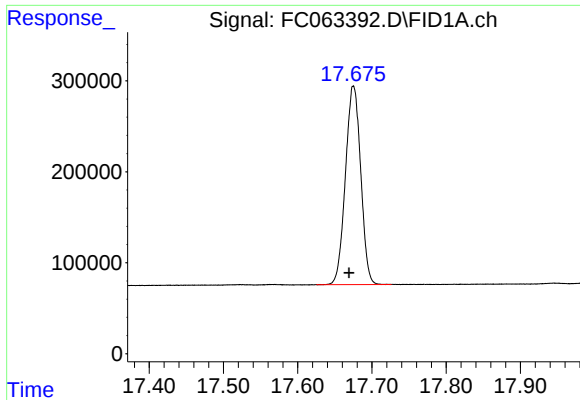
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 2852660
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

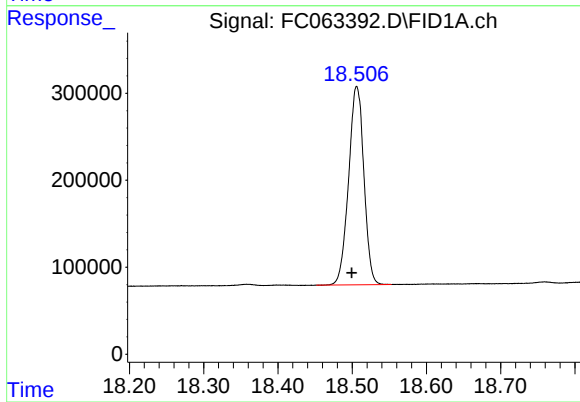
R.T.: 16.790 min
Delta R.T.: 0.005 min
Response: 2923896
Conc: 21.59 ug/ml



#17 n-Tricontane (C30)

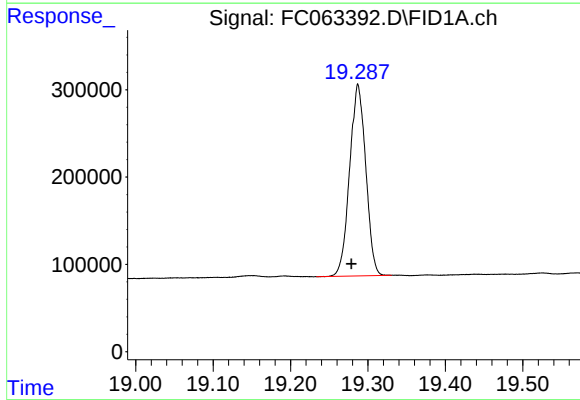
R.T.: 17.675 min
Delta R.T.: 0.006 min
Response: 3122523
Conc: 22.57 ug/ml

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20 PPM ALIPHATIC HC STD



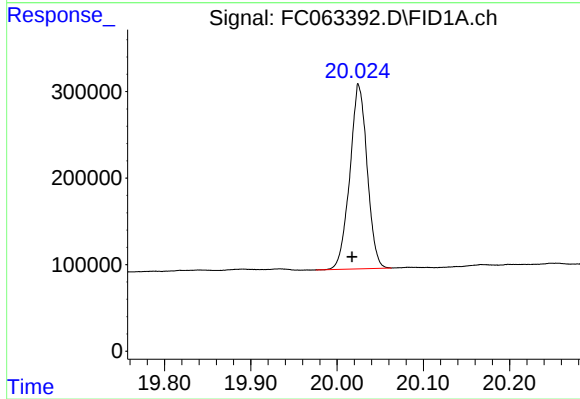
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.007 min
Response: 3260805
Conc: 23.10 ug/ml



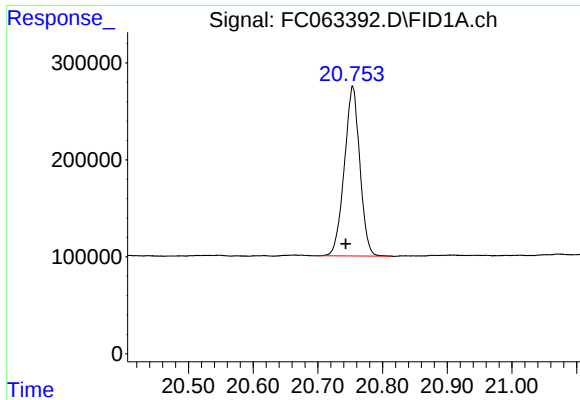
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.008 min
Response: 3174557
Conc: 23.00 ug/ml



#20 n-Hexatriacontane (C36)

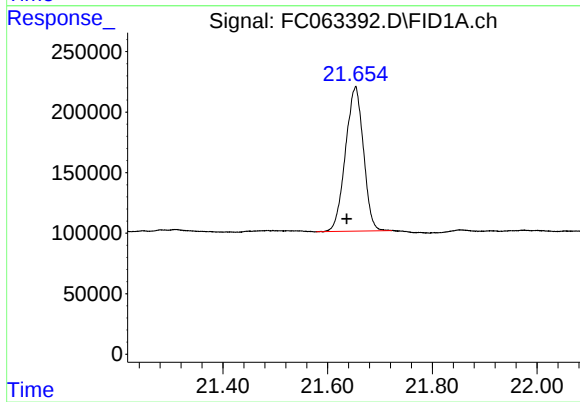
R.T.: 20.025 min
Delta R.T.: 0.008 min
Response: 2969916
Conc: 23.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: 0.011 min
Response: 2905728
Conc: 23.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: 0.017 min
Response: 2830864
Conc: 24.06 ug/ml