

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032723AL\
 Data File : FC063253.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2023 11:43
 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: sample.E
 Quant Time: Mar 27 12:38:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.533	2513700	19.200 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.972	1885886	19.545 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.302	2517474	20.812 ug/ml
2) T n-Decane (C10)	4.367	2508414	21.318 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2628507	20.413 ug/ml
4) T n-Dodecane (C12)	6.385	2490726	21.197 ug/ml
5) T A~2-methylnaphthalene...	7.006	2559166	21.758 ug/ml
6) T n-Tetradecane (C14)	8.178	2408822	20.923 ug/ml
7) T n-Hexadecane (C16)	9.779	2387699	20.495 ug/ml
8) T n-Octadecane (C18)	11.220	2400969	20.308 ug/ml
10) T n-Eicosane (C20)	12.528	2360959	20.495 ug/ml
11) T n-Heneicosane (C21)	13.139	2344626	20.342 ug/ml
13) T n-Docosane (C22)	13.725	2321429	20.386 ug/ml
14) T n-Tetracosane (C24)	14.825	2305761	20.281 ug/ml
15) T n-Hexacosane (C26)	15.843	2297453	20.415 ug/ml
16) T n-Octacosane (C28)	16.792	2304727	20.479 ug/ml
17) T n-Tricontane (C30)	17.678	2407899	21.170 ug/ml
18) T n-Dotriacontane (C32)	18.509	2465730	21.311 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2381087	20.716 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2339420	21.410 ug/ml
21) T n-Octatriacontane (C38)	20.755	2249506	20.819 ug/ml
22) T n-Tetracontane (C40)	21.650	2153350	20.335 ug/ml

(f)=RT Delta > 1/2 Window

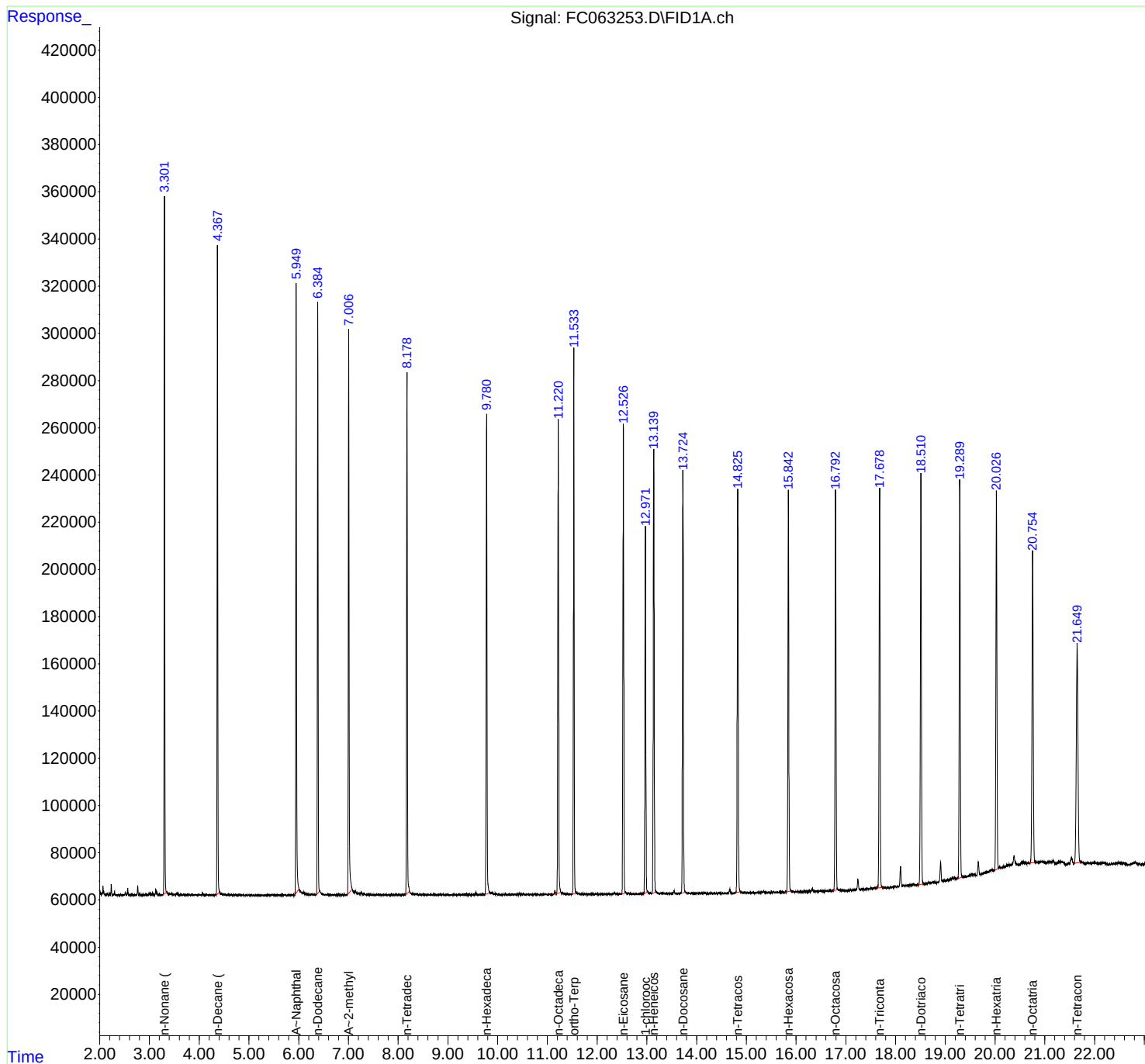
(m)=manual int.

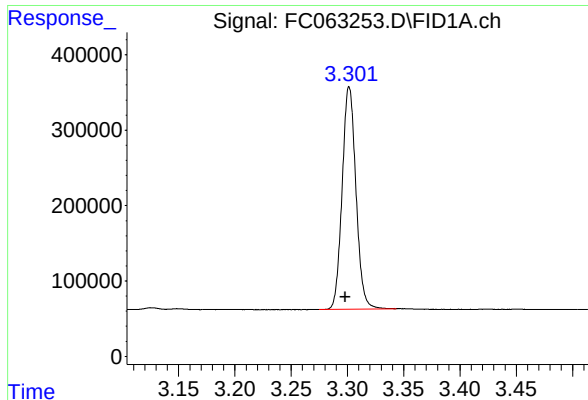
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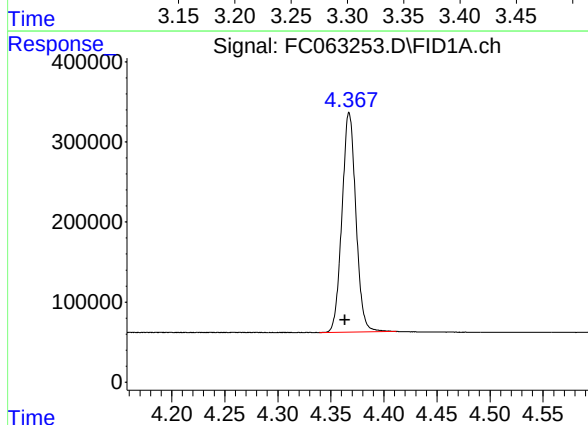




#1 n-Nonane (C9)

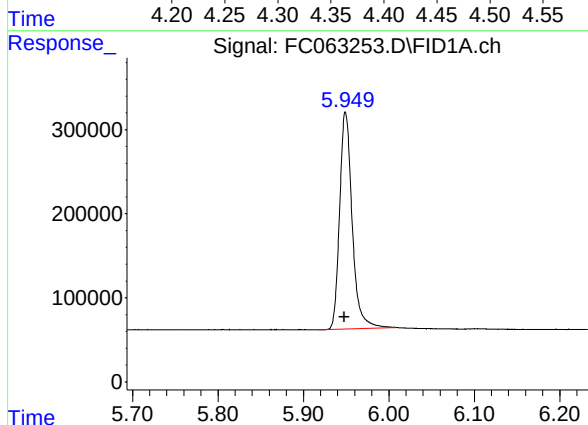
R.T.: 3.302 min
Delta R.T.: 0.004 min
Response: 2517474
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



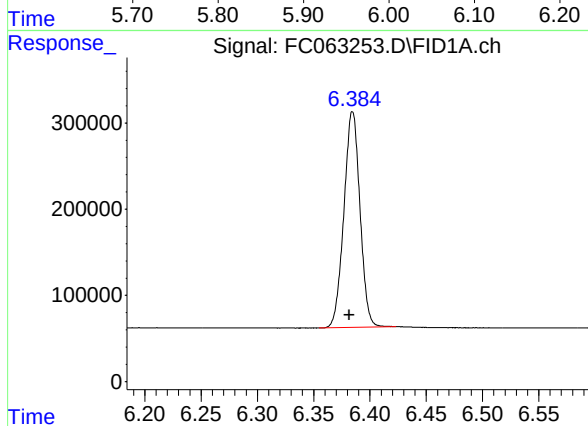
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 2508414
Conc: 21.32 ug/ml



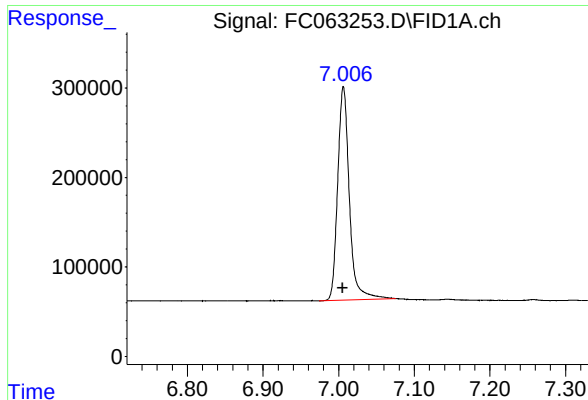
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 2628507
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

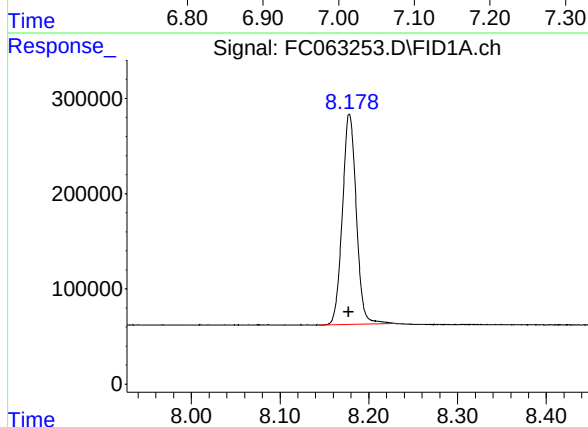
R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 2490726
Conc: 21.20 ug/ml



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

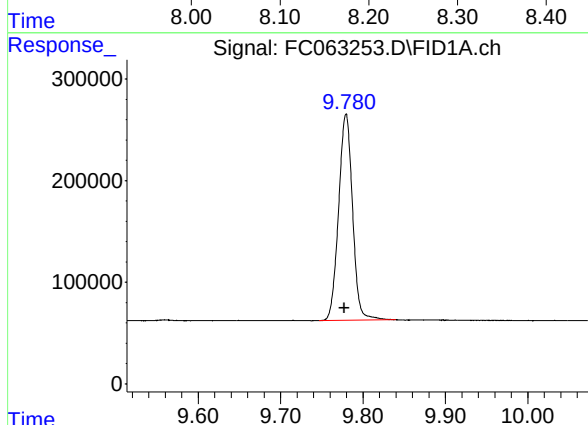
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2559166
Conc: 21.76 ug/ml

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20 PPM ALIPHATIC HC STD



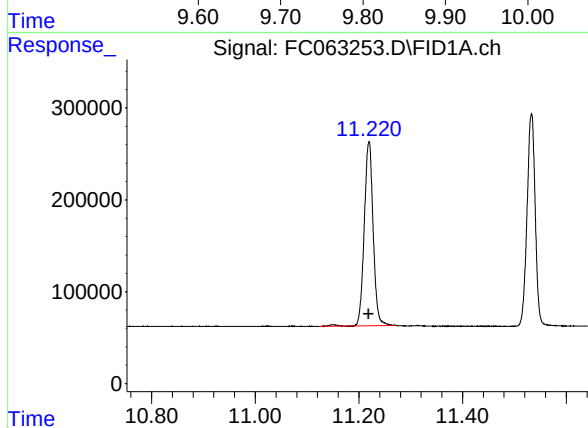
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2408822
Conc: 20.92 ug/ml



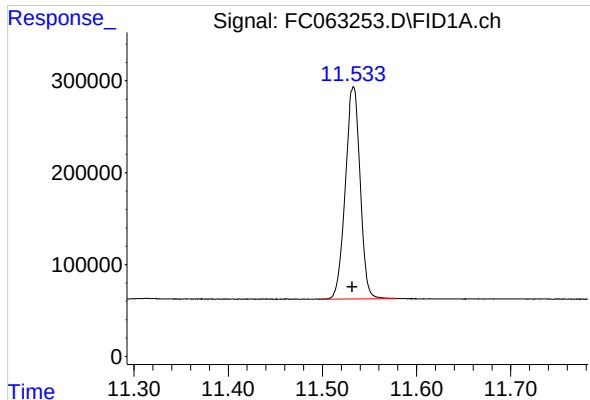
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 2387699
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

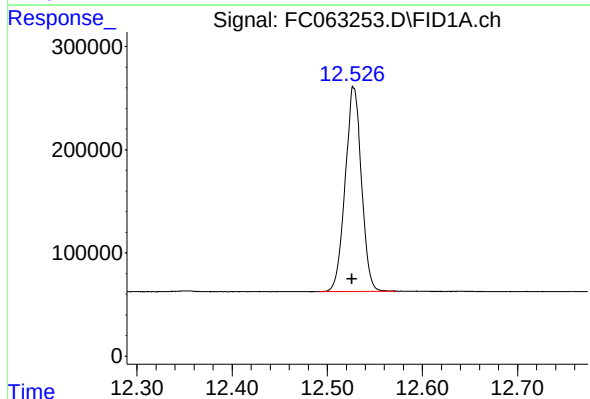
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2400969
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

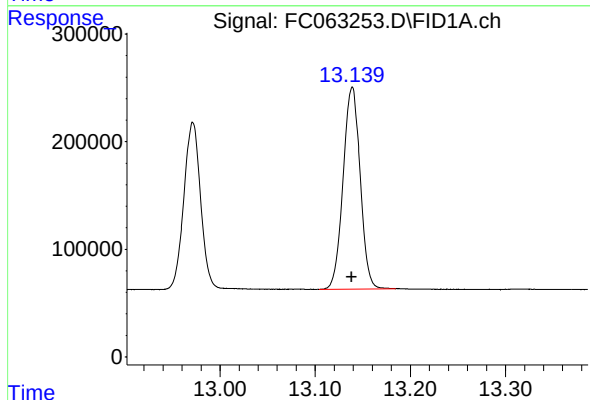
R.T.: 11.533 min
Delta R.T.: 0.001 min
Response: 2513700
Conc: 19.20 ug/ml

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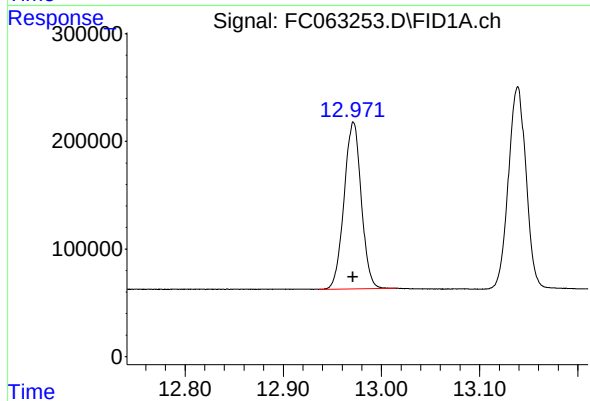
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.002 min
Response: 2360959
Conc: 20.49 ug/ml



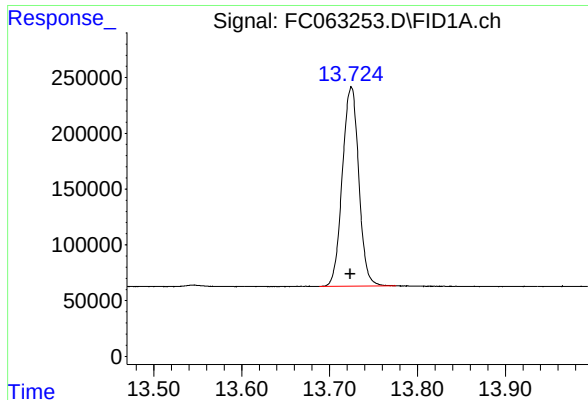
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2344626
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

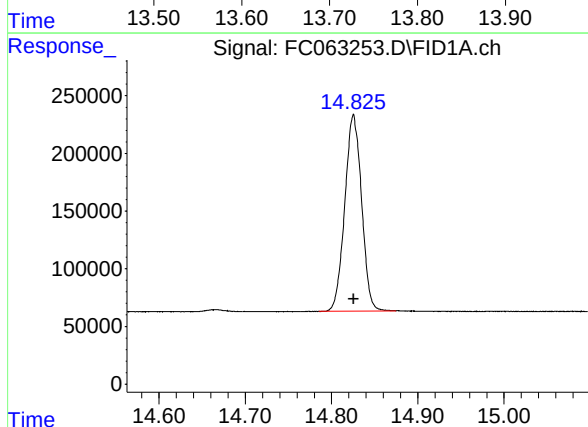
R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 1885886
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

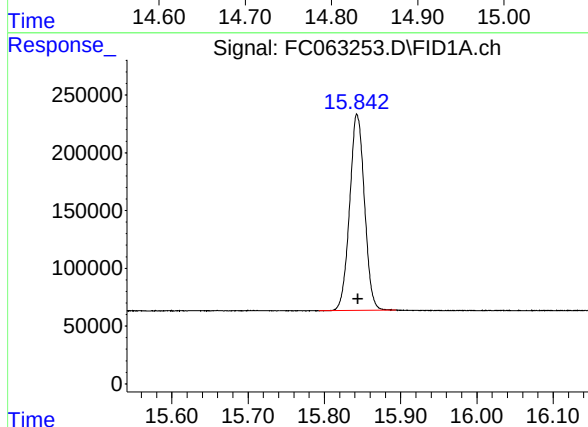
R.T.: 13.725 min
Delta R.T.: 0.001 min
Response: 2321429
Conc: 20.39 ug/ml

Instrument :
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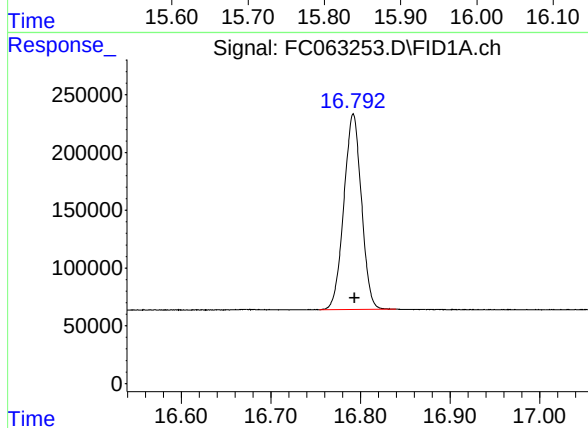
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 2305761
Conc: 20.28 ug/ml



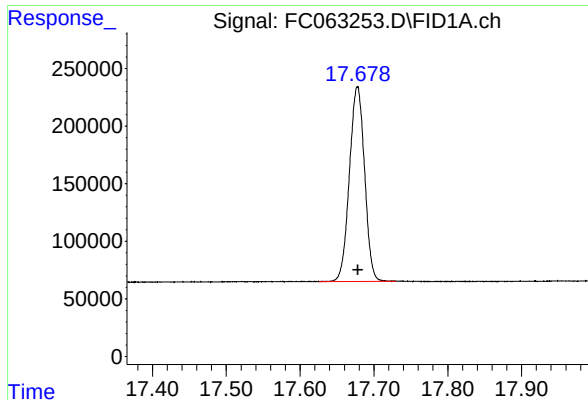
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.001 min
Response: 2297453
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

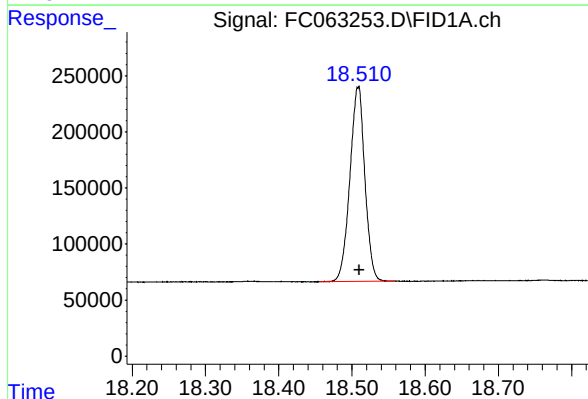
R.T.: 16.792 min
Delta R.T.: -0.001 min
Response: 2304727
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

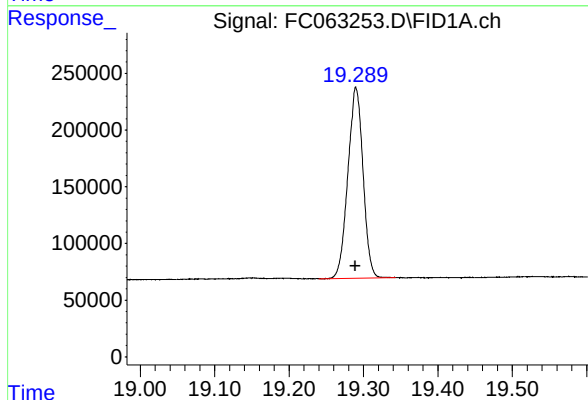
R.T.: 17.678 min
Delta R.T.: -0.001 min
Response: 2407899
Conc: 21.17 ug/ml

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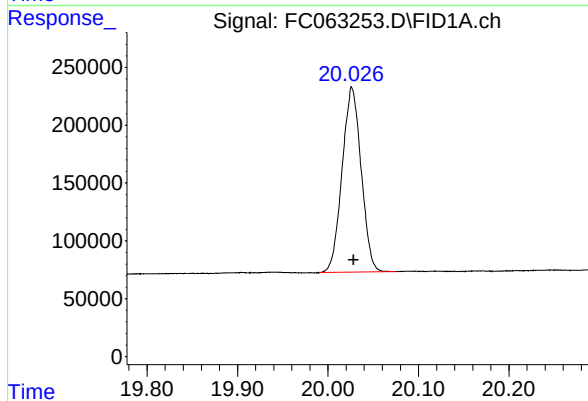
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.002 min
Response: 2465730
Conc: 21.31 ug/ml



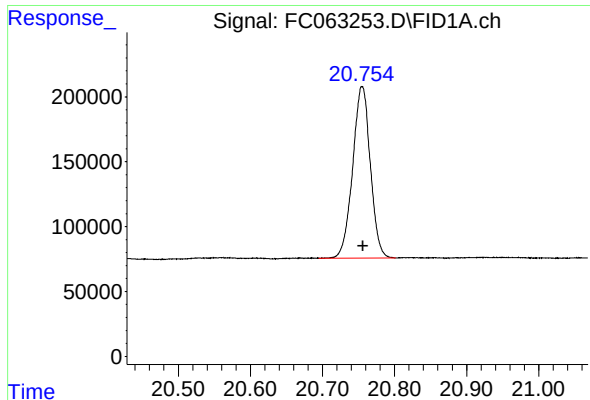
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 2381087
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

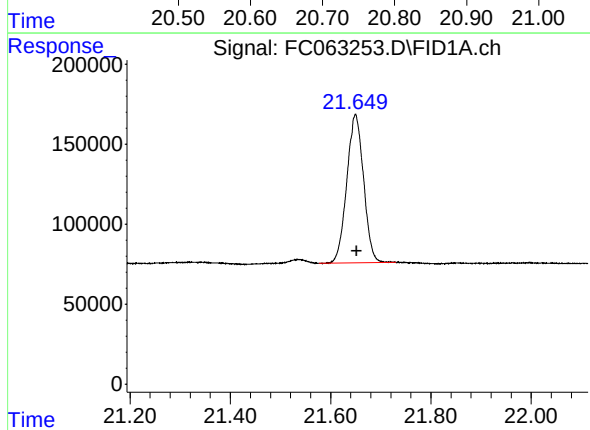
R.T.: 20.027 min
Delta R.T.: -0.002 min
Response: 2339420
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.001 min
Response: 2249506
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.002 min
Response: 2153350
Conc: 20.33 ug/ml