

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032423AL\
 Data File : FC063247.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2023 05:34
 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: Mar 25 06:10:02 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	2548390	19.465 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	12.970	1922293	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.303	2242662	18.540 ug/ml
2) T n-Decane (C10)	4.368	2233665	18.983 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2475502	19.225 ug/ml
4) T n-Dodecane (C12)	6.385	2222390	18.913 ug/ml
5) T A~2-methylnaphthalene...	7.007	2287170	19.445 ug/ml
6) T n-Tetradecane (C14)	8.179	2204647	19.149 ug/ml
7) T n-Hexadecane (C16)	9.779	2274954	19.527 ug/ml
8) T n-Octadecane (C18)	11.220	2324407	19.661 ug/ml
10) T n-Eicosane (C20)	12.528	2260632	19.624 ug/ml
11) T n-Heneicosane (C21)	13.138	2267579	19.674 ug/ml
13) T n-Docosane (C22)	13.723	2244671	19.712 ug/ml
14) T n-Tetracosane (C24)	14.823	2250637	19.796 ug/ml
15) T n-Hexacosane (C26)	15.844	2241241	19.916 ug/ml
16) T n-Octacosane (C28)	16.791	2298116	20.420 ug/ml
17) T n-Tricontane (C30)	17.674	2459927	21.628 ug/ml
18) T n-Dotriacontane (C32)	18.508	2570223	22.215 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2479355	21.571 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2307767	21.120 ug/ml
21) T n-Octatriacontane (C38)	20.754	2252846	20.850 ug/ml
22) T n-Tetracontane (C40)	21.650	2205428	20.826 ug/ml

(f)=RT Delta > 1/2 Window

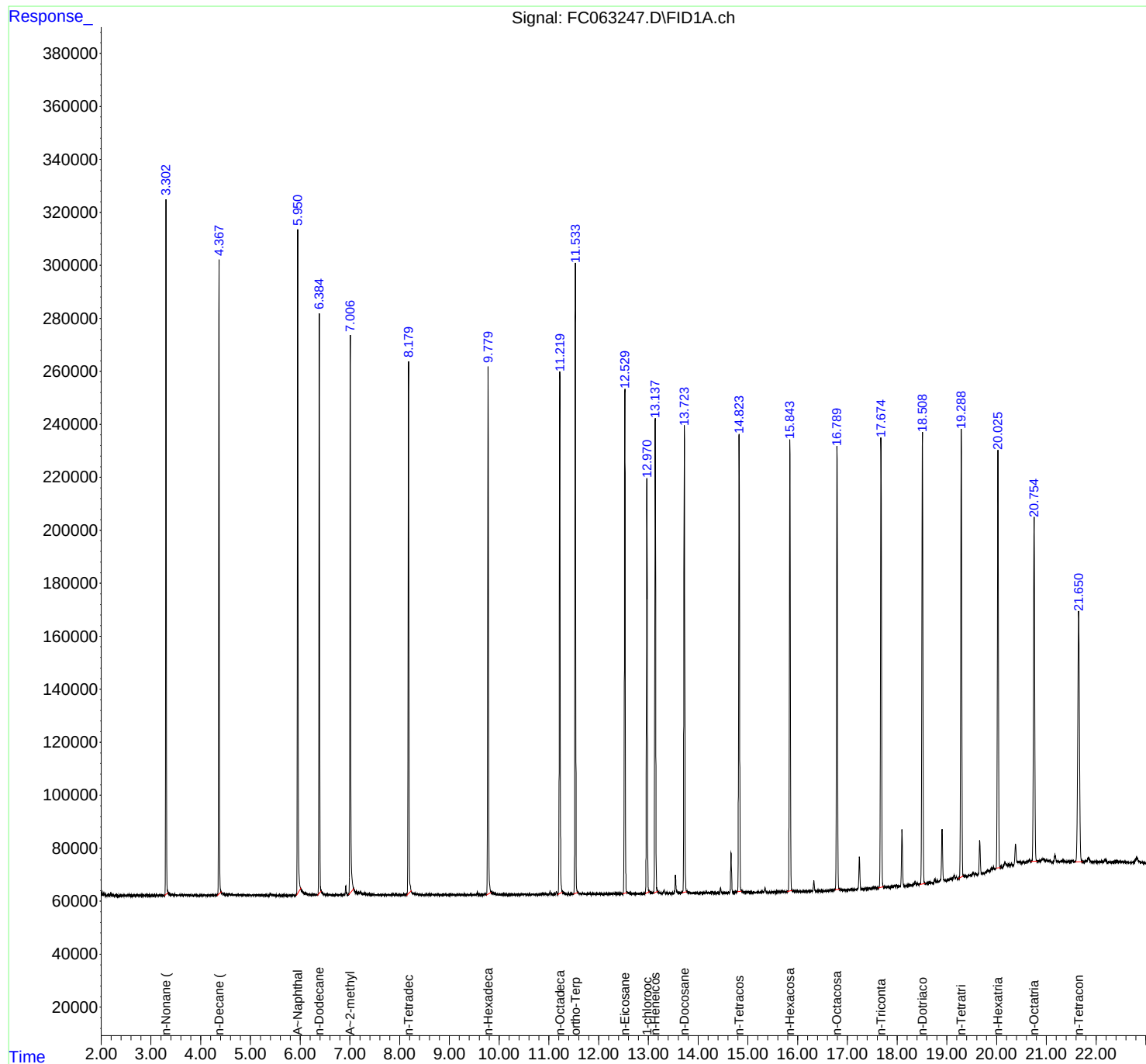
(m)=manual int.

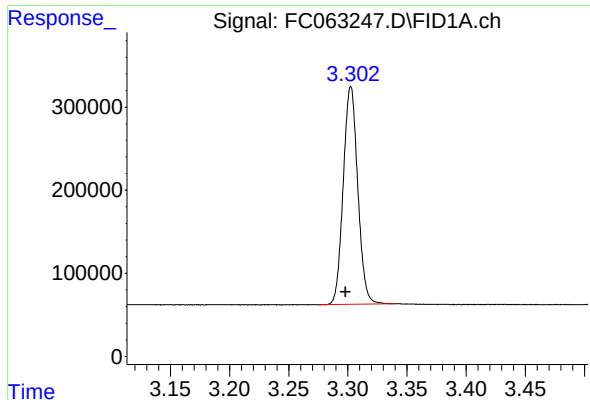
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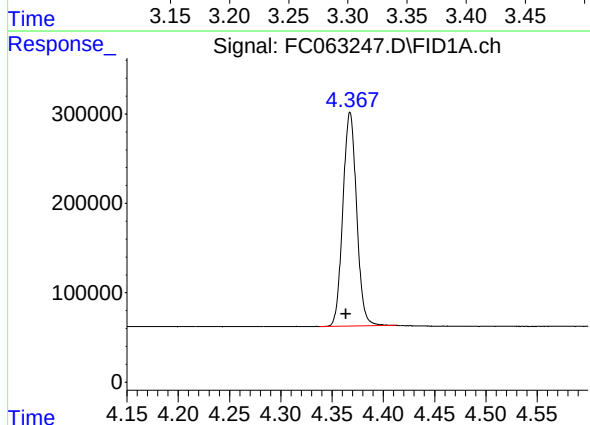




#1 n-Nonane (C9)

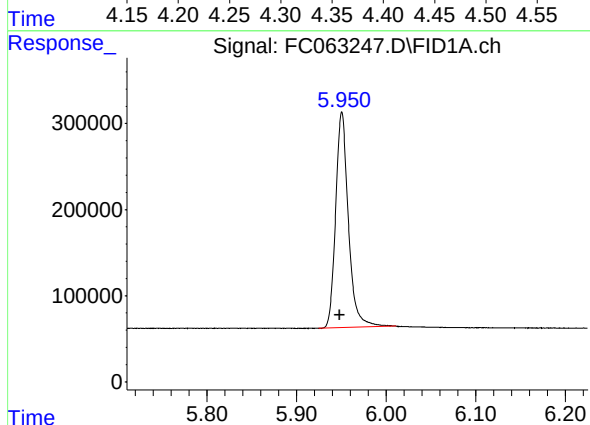
R.T.: 3.303 min
Delta R.T.: 0.005 min
Response: 2242662
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



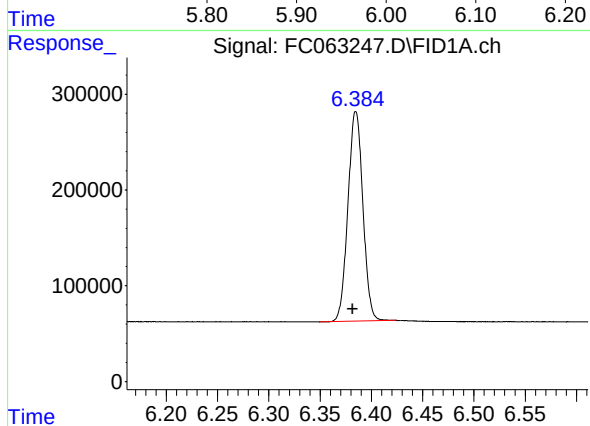
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.004 min
Response: 2233665
Conc: 18.98 ug/ml



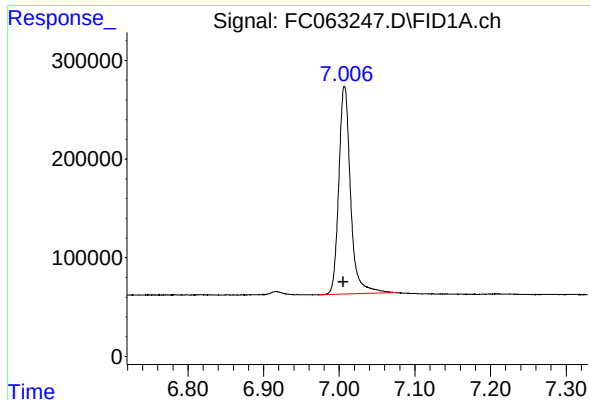
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.003 min
Response: 2475502
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

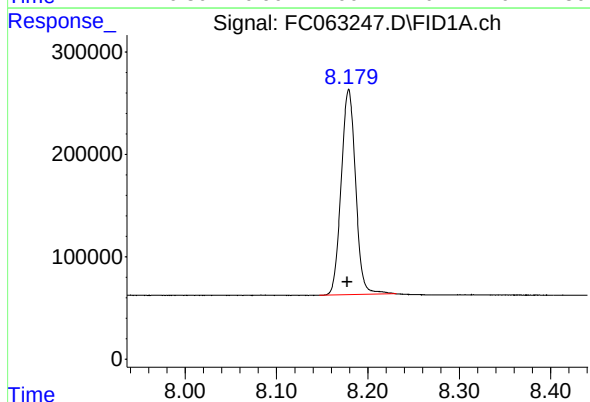
R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 2222390
Conc: 18.91 ug/ml



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

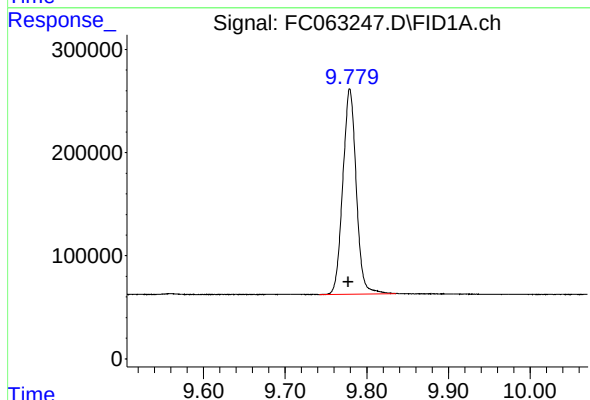
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 2287170
Conc: 19.45 ug/ml

Instrument :
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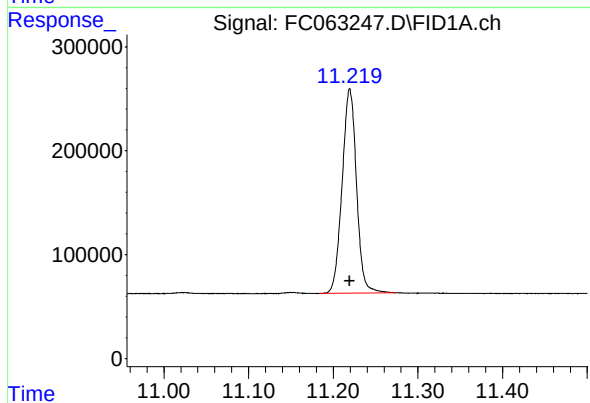
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 2204647
Conc: 19.15 ug/ml



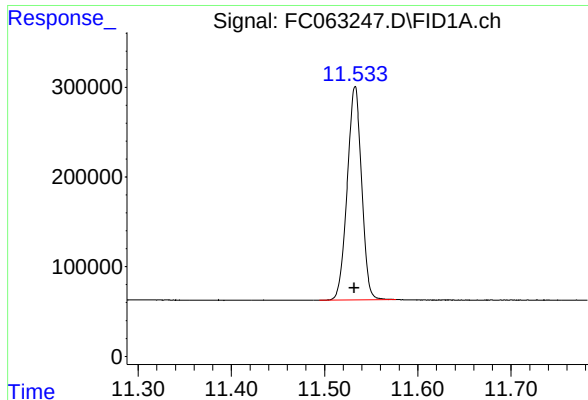
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 2274954
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

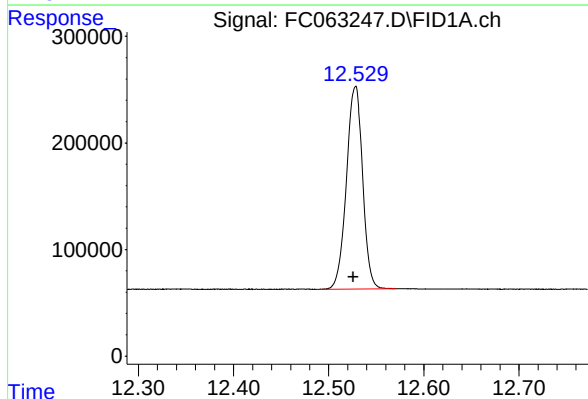
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2324407
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

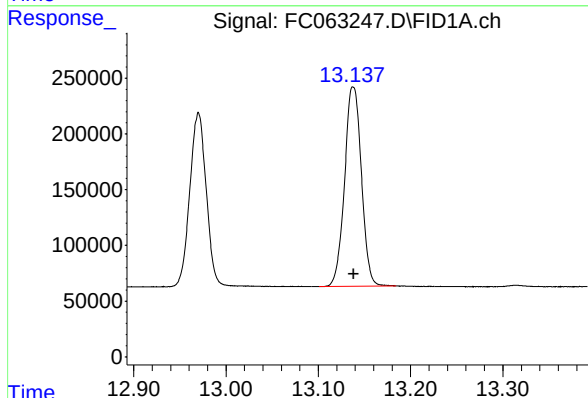
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 2548390
Conc: 19.47 ug/ml

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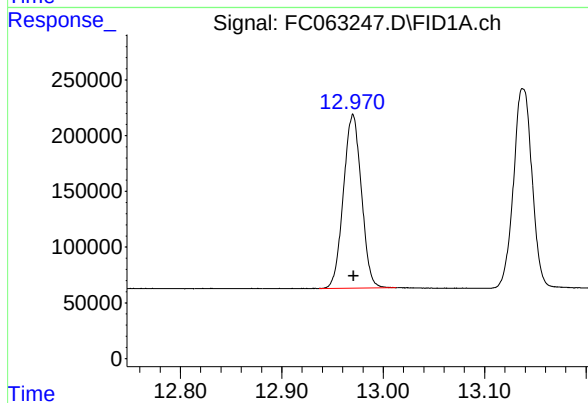
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.002 min
Response: 2260632
Conc: 19.62 ug/ml



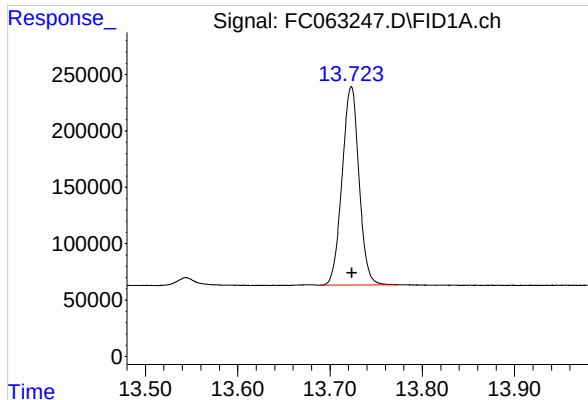
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2267579
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

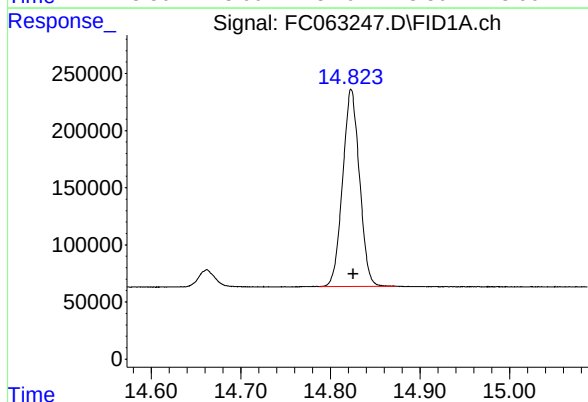
R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 1922293
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

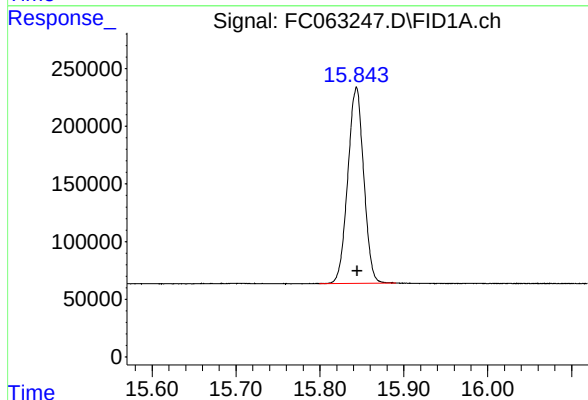
R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 2244671
Conc: 19.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



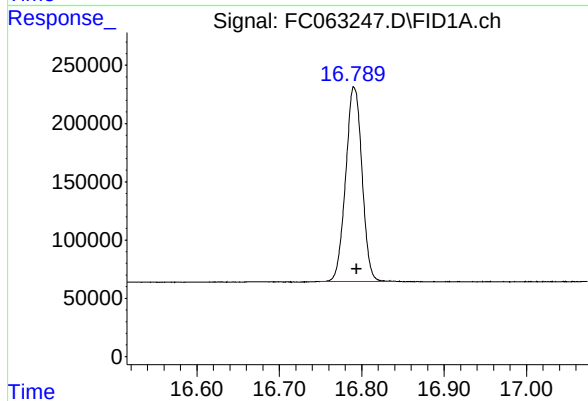
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.002 min
Response: 2250637
Conc: 19.80 ug/ml



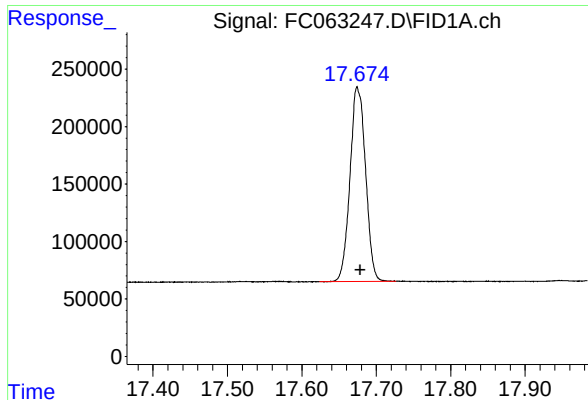
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.000 min
Response: 2241241
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

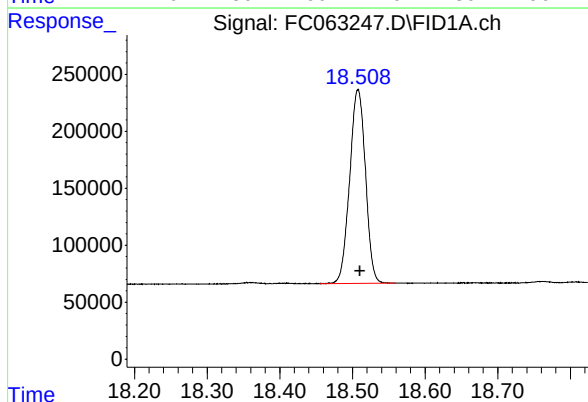
R.T.: 16.791 min
Delta R.T.: -0.003 min
Response: 2298116
Conc: 20.42 ug/ml



#17 n-Tricontane (C30)

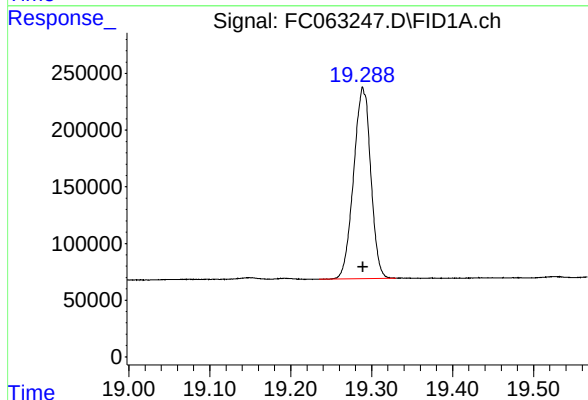
R.T.: 17.674 min
Delta R.T.: -0.004 min
Response: 2459927
Conc: 21.63 ug/ml

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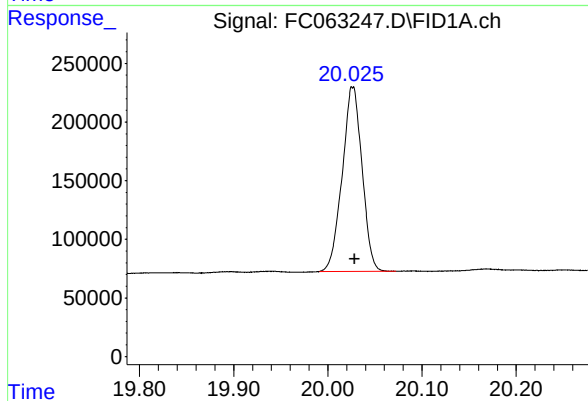
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: -0.003 min
Response: 2570223
Conc: 22.21 ug/ml



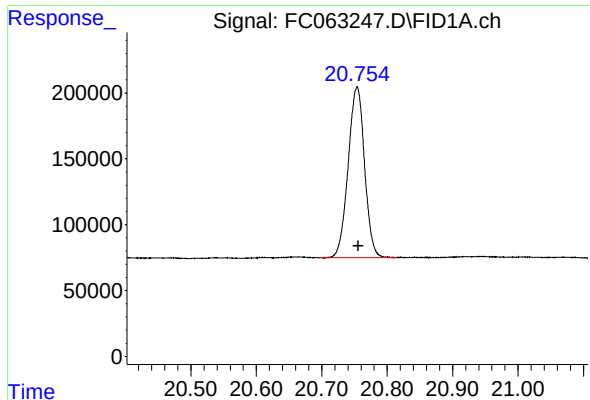
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.000 min
Response: 2479355
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

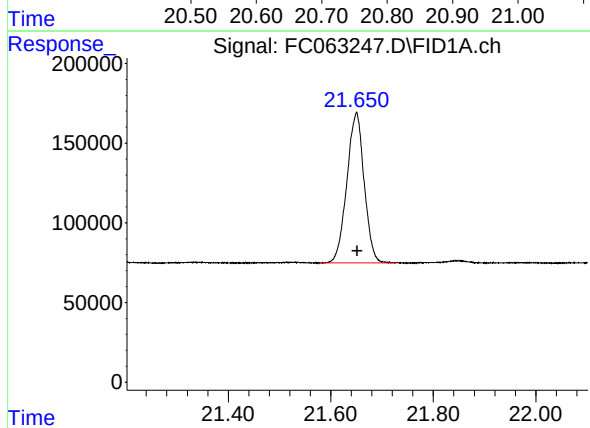
R.T.: 20.026 min
Delta R.T.: -0.002 min
Response: 2307767
Conc: 21.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.002 min
Response: 2252846
Conc: 20.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.001 min
Response: 2205428
Conc: 20.83 ug/ml