

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061223AL\
 Data File : FC063812.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 13:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 00:17:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.534	3135401	17.182 ug/ml
Spiked Amount 50.000		Recovery =	34.36%
12) S 1-chlorooctadecane (S...	12.970	2239802	17.530 ug/ml
Spiked Amount 50.000		Recovery =	35.06%
Target Compounds			
1) T n-Nonane (C9)	3.312	2800658	17.572 ug/ml
2) T n-Decane (C10)	4.376	2941493	18.197 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3000396	17.271 ug/ml
4) T n-Dodecane (C12)	6.392	2894748	17.704 ug/ml
5) T A~2-methylnaphthalene...	7.014	2847871	17.384 ug/ml
6) T n-Tetradecane (C14)	8.184	2773466	17.635 ug/ml
7) T n-Hexadecane (C16)	9.782	2778902	17.462 ug/ml
8) T n-Octadecane (C18)	11.220	2759477	17.440 ug/ml
10) T n-Eicosane (C20)	12.527	2622612	17.733 ug/ml
11) T n-Heneicosane (C21)	13.137	2548459	17.704 ug/ml
13) T n-Docosane (C22)	13.722	2513175	17.840 ug/ml
14) T n-Tetracosane (C24)	14.823	2504322	18.250 ug/ml
15) T n-Hexacosane (C26)	15.840	2486195	18.751 ug/ml
16) T n-Octacosane (C28)	16.786	2500799	19.695 ug/ml
17) T n-Tricontane (C30)	17.671	2733659	21.396 ug/ml
18) T n-Dotriacontane (C32)	18.501	2782645	22.362 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2630399	21.334 ug/ml
20) T n-Hexatriacontane (C36)	20.020	2464644	20.535 ug/ml
21) T n-Octatriacontane (C38)	20.746	2410005	19.962 ug/ml
22) T n-Tetracontane (C40)	21.641	2378936	19.633 ug/ml

(f)=RT Delta > 1/2 Window

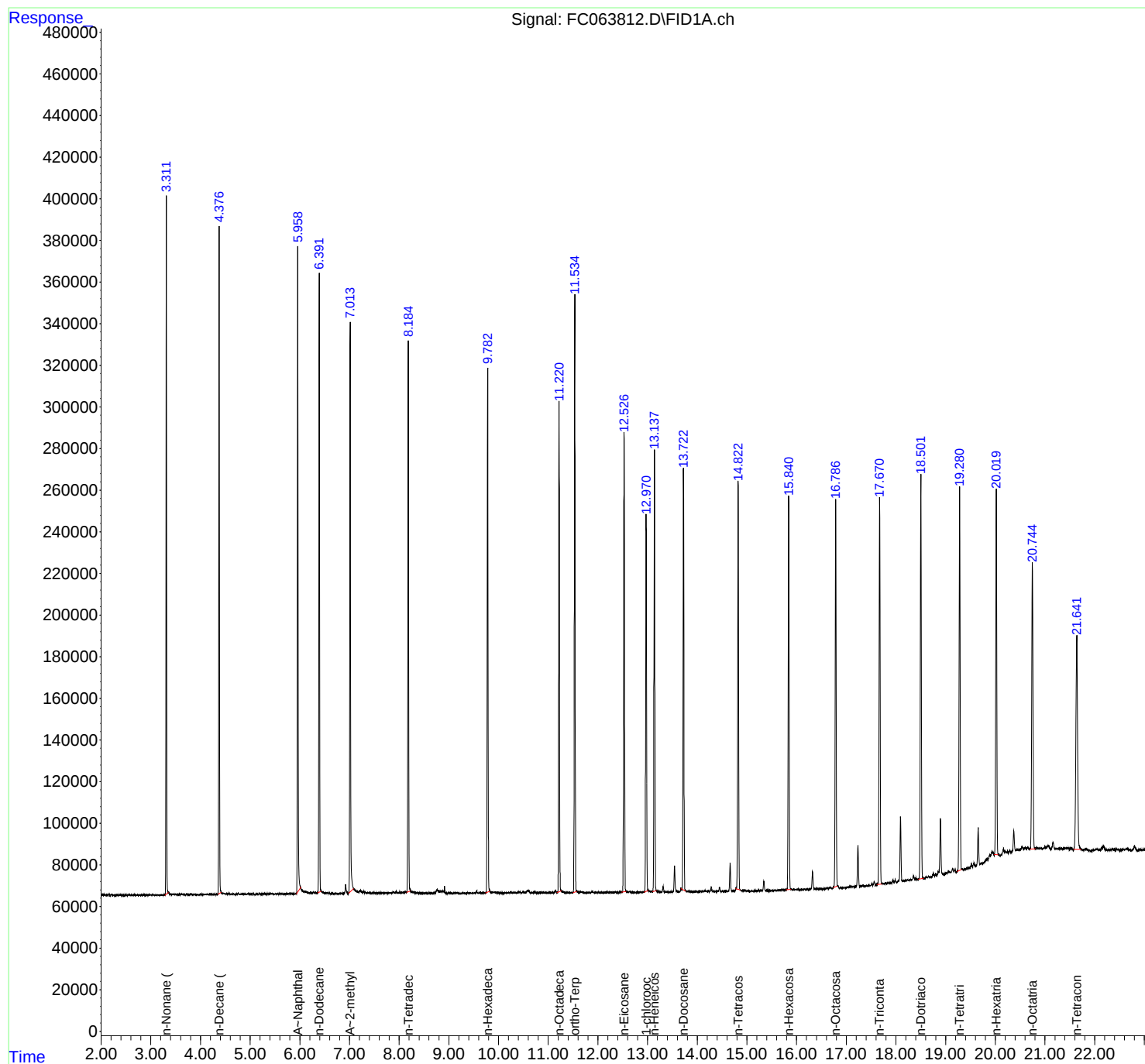
(m)=manual int.

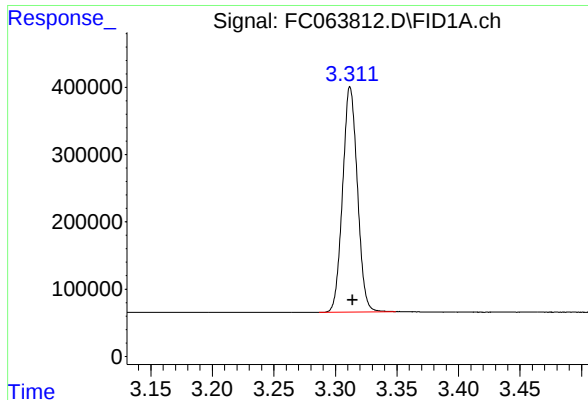
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061223AL\
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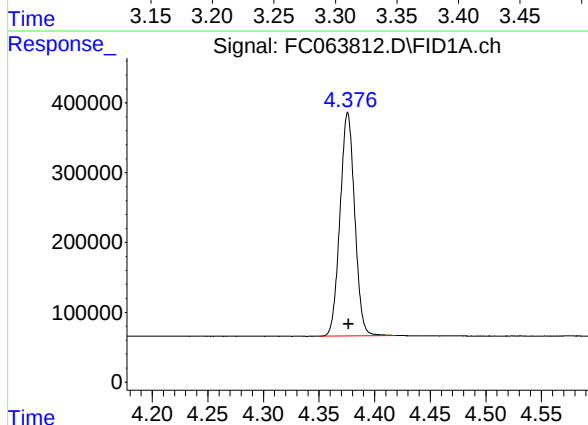




#1 n-Nonane (C9)

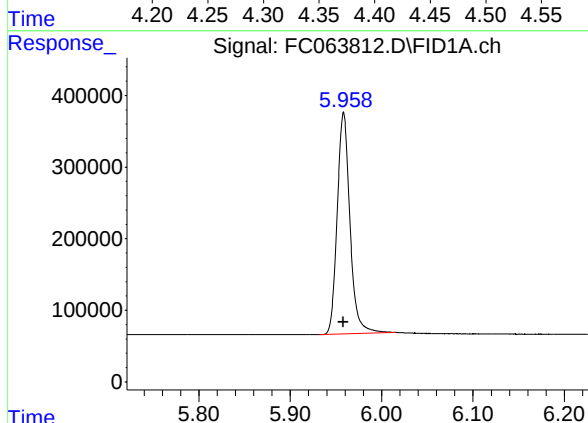
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2800658
Conc: 17.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



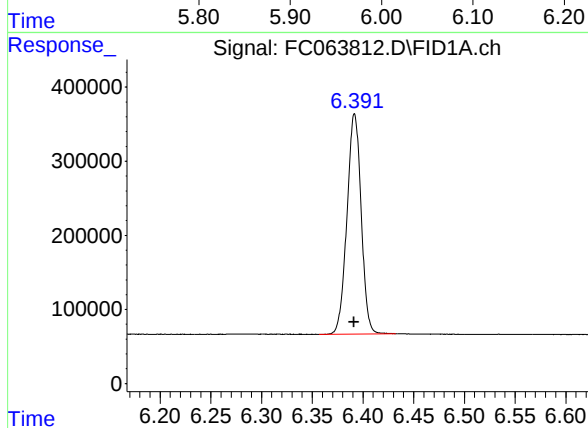
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2941493
Conc: 18.20 ug/ml



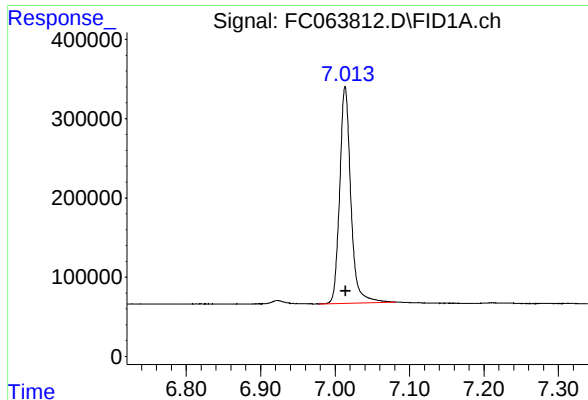
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3000396
Conc: 17.27 ug/ml



#4 n-Dodecane (C12)

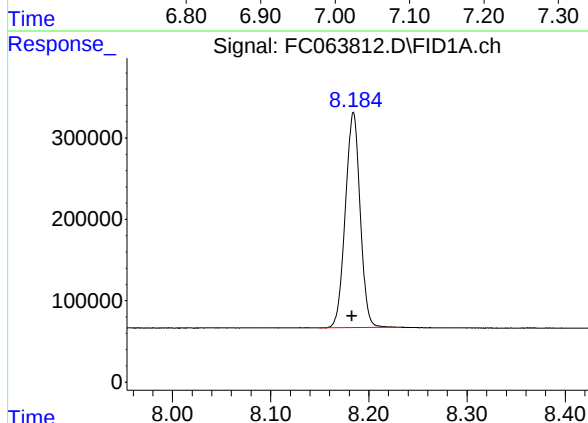
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2894748
Conc: 17.70 ug/ml



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

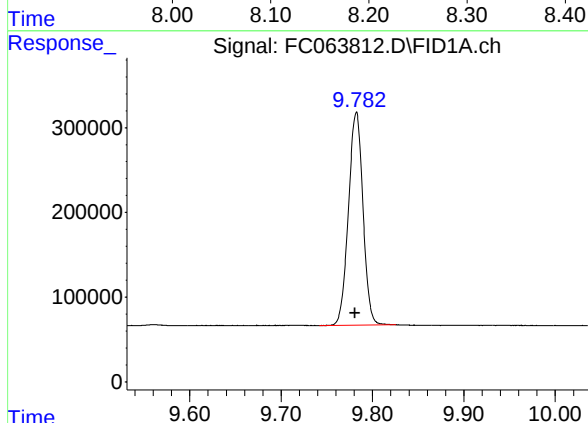
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 2847871
Conc: 17.38 ug/ml

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20 PPM ALIPHATIC HC STD



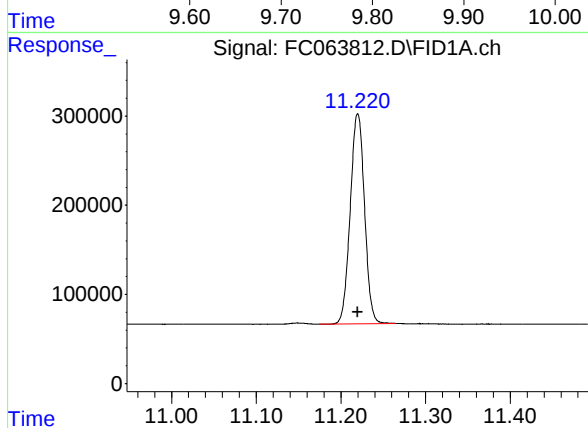
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.001 min
Response: 2773466
Conc: 17.63 ug/ml



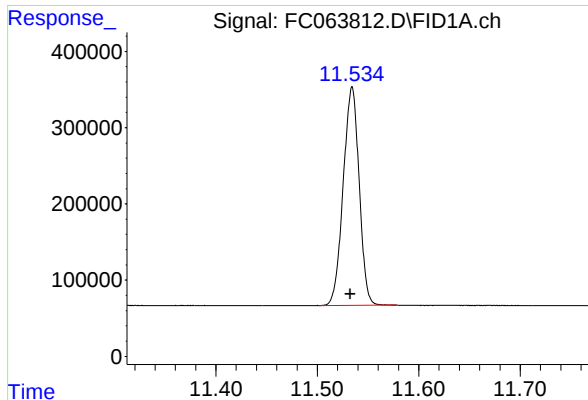
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.002 min
Response: 2778902
Conc: 17.46 ug/ml



#8 n-Octadecane (C18)

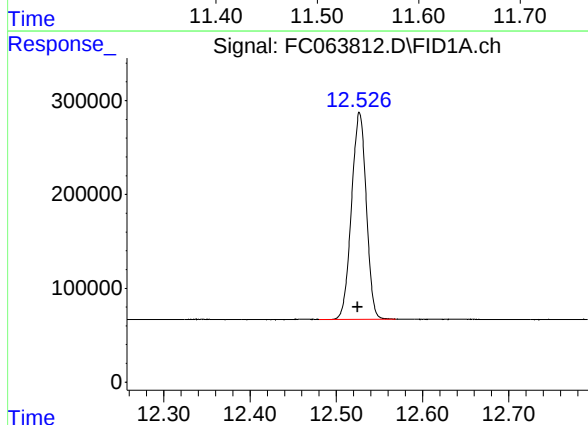
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2759477
Conc: 17.44 ug/ml



#9 ortho-Terphenyl (SURR)

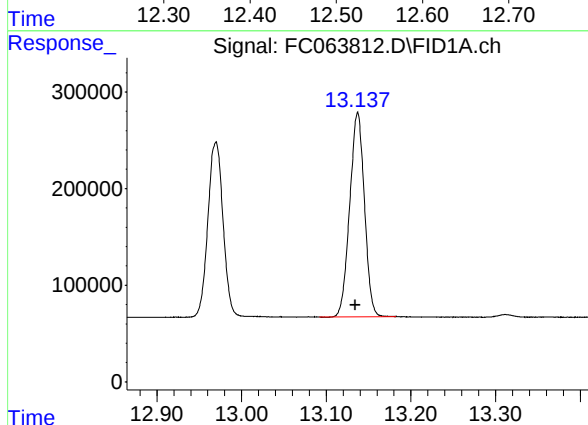
R.T.: 11.534 min
Delta R.T.: 0.002 min
Response: 3135401
Conc: 17.18 ug/ml

Instrument :
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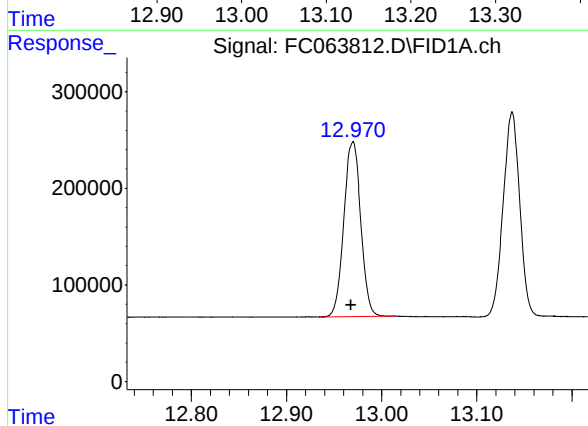
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2622612
Conc: 17.73 ug/ml



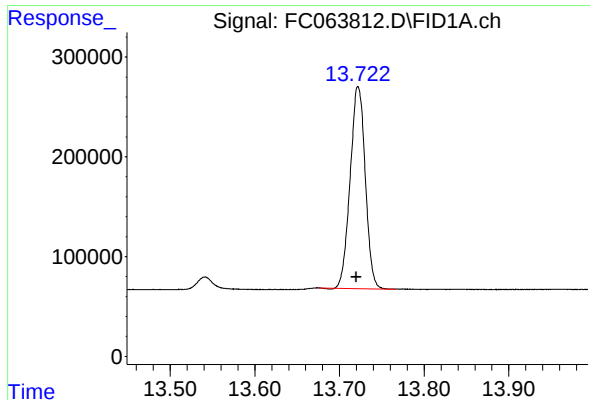
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2548459
Conc: 17.70 ug/ml



#12 1-chlorooctadecane (SURR)

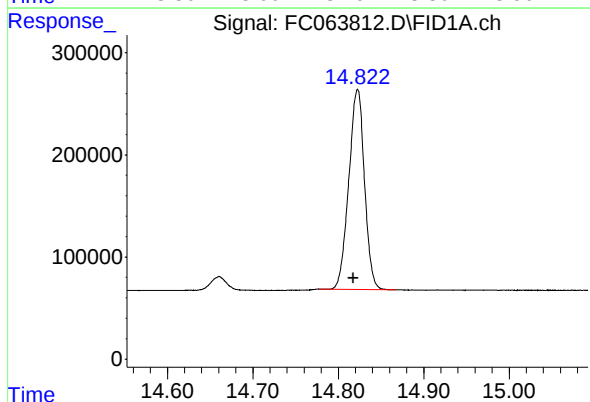
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2239802
Conc: 17.53 ug/ml



#13 n-Docosane (C22)

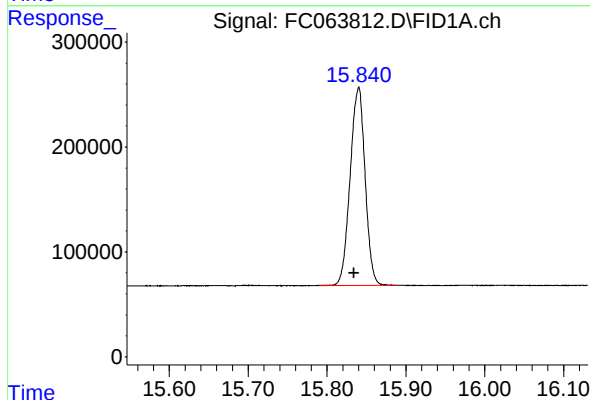
R.T.: 13.722 min
Delta R.T.: 0.002 min
Response: 2513175
Conc: 17.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



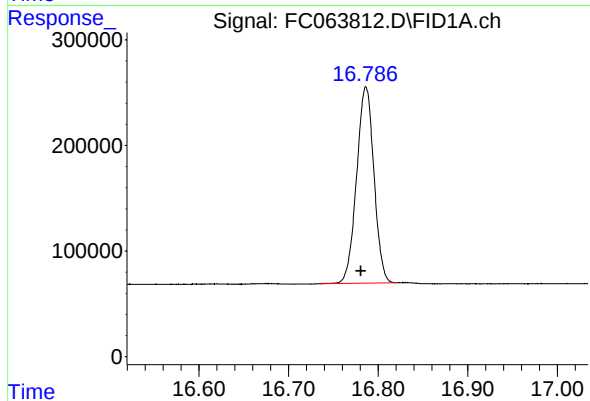
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.005 min
Response: 2504322
Conc: 18.25 ug/ml



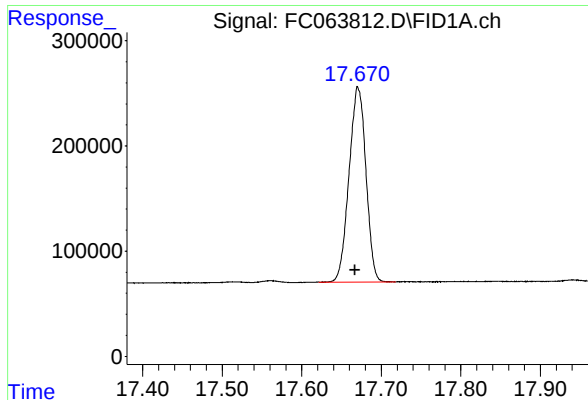
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.006 min
Response: 2486195
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

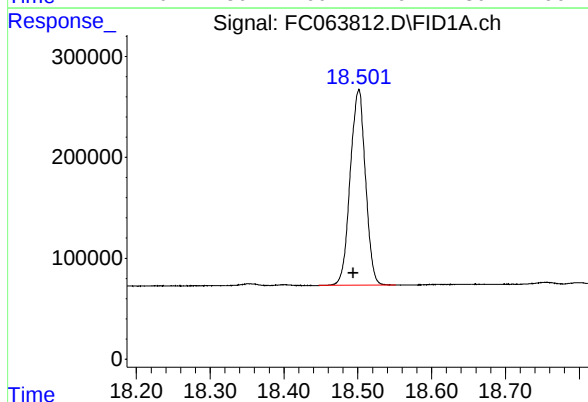
R.T.: 16.786 min
Delta R.T.: 0.006 min
Response: 2500799
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

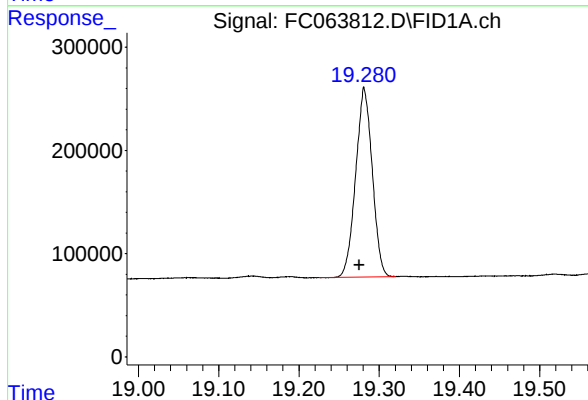
R.T.: 17.671 min
Delta R.T.: 0.004 min
Response: 2733659
Conc: 21.40 ug/ml

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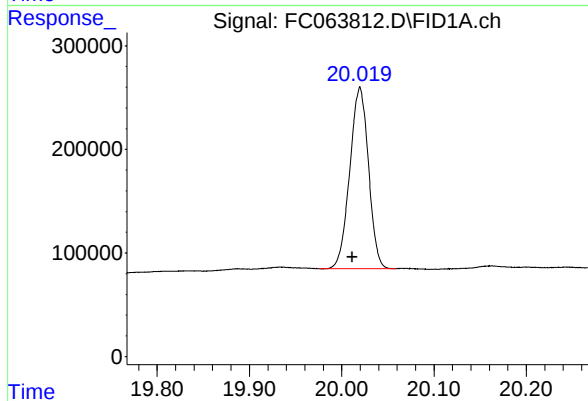
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.008 min
Response: 2782645
Conc: 22.36 ug/ml



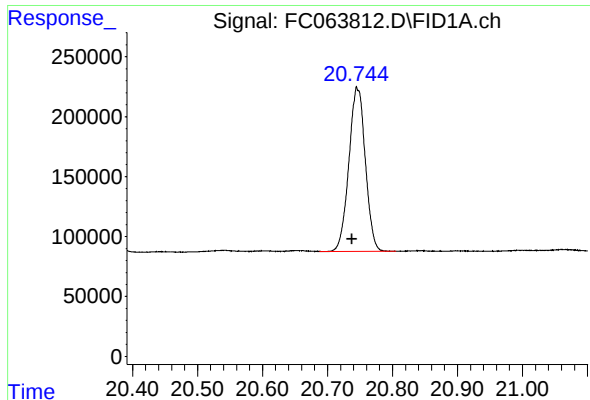
#19 n-Tetatriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.006 min
Response: 2630399
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

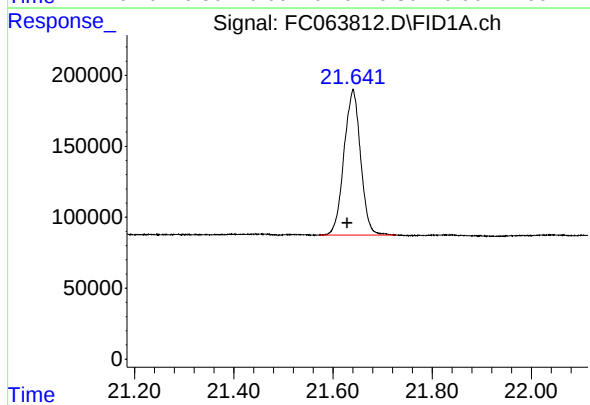
R.T.: 20.020 min
Delta R.T.: 0.008 min
Response: 2464644
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: 0.008 min
Response: 2410005
Conc: 19.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.012 min
Response: 2378936
Conc: 19.63 ug/ml