

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052023AL\
 Data File : FF012660.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 16:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 02:52:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.910	2973824	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
12) S 1-chlorooctadecane (S...	12.342	2205633	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	2.768	2408401	18.404 ug/ml
2) T n-Decane (C10)	3.778	2460117	18.414 ug/ml
3) T A~Naphthalene (C11.7)	5.345	2529418	17.953 ug/ml
4) T n-Dodecane (C12)	5.764	2487518	18.377 ug/ml
5) T A~2-methylnaphthalene...	6.394	2369109	17.851 ug/ml
6) T n-Tetradecane (C14)	7.554	2451819	18.325 ug/ml
7) T n-Hexadecane (C16)	9.151	2543638	18.374 ug/ml
8) T n-Octadecane (C18)	10.590	2635693	18.515 ug/ml
10) T n-Eicosane (C20)	11.896	2565228	18.653 ug/ml
11) T n-Heneicosane (C21)	12.507	2527512	18.689 ug/ml
13) T n-Docosane (C22)	13.093	2498227	18.662 ug/ml
14) T n-Tetracosane (C24)	14.193	2453168	18.657 ug/ml
15) T n-Hexacosane (C26)	15.212	2368378	18.627 ug/ml
16) T n-Octacosane (C28)	16.162	2278820	18.535 ug/ml
17) T n-Tricontane (C30)	17.048	2292270	18.568 ug/ml
18) T n-Dotriacontane (C32)	17.880	2250616	18.601 ug/ml
19) T n-Tetratriacontane (C34)	18.661	2159550	18.459 ug/ml
20) T n-Hexatriacontane (C36)	19.400	2112221	18.747 ug/ml
21) T n-Octatriacontane (C38)	20.129	2087324	18.740 ug/ml
22) T n-Tetracontane (C40)	21.026	2028303	18.381 ug/ml

(f)=RT Delta > 1/2 Window

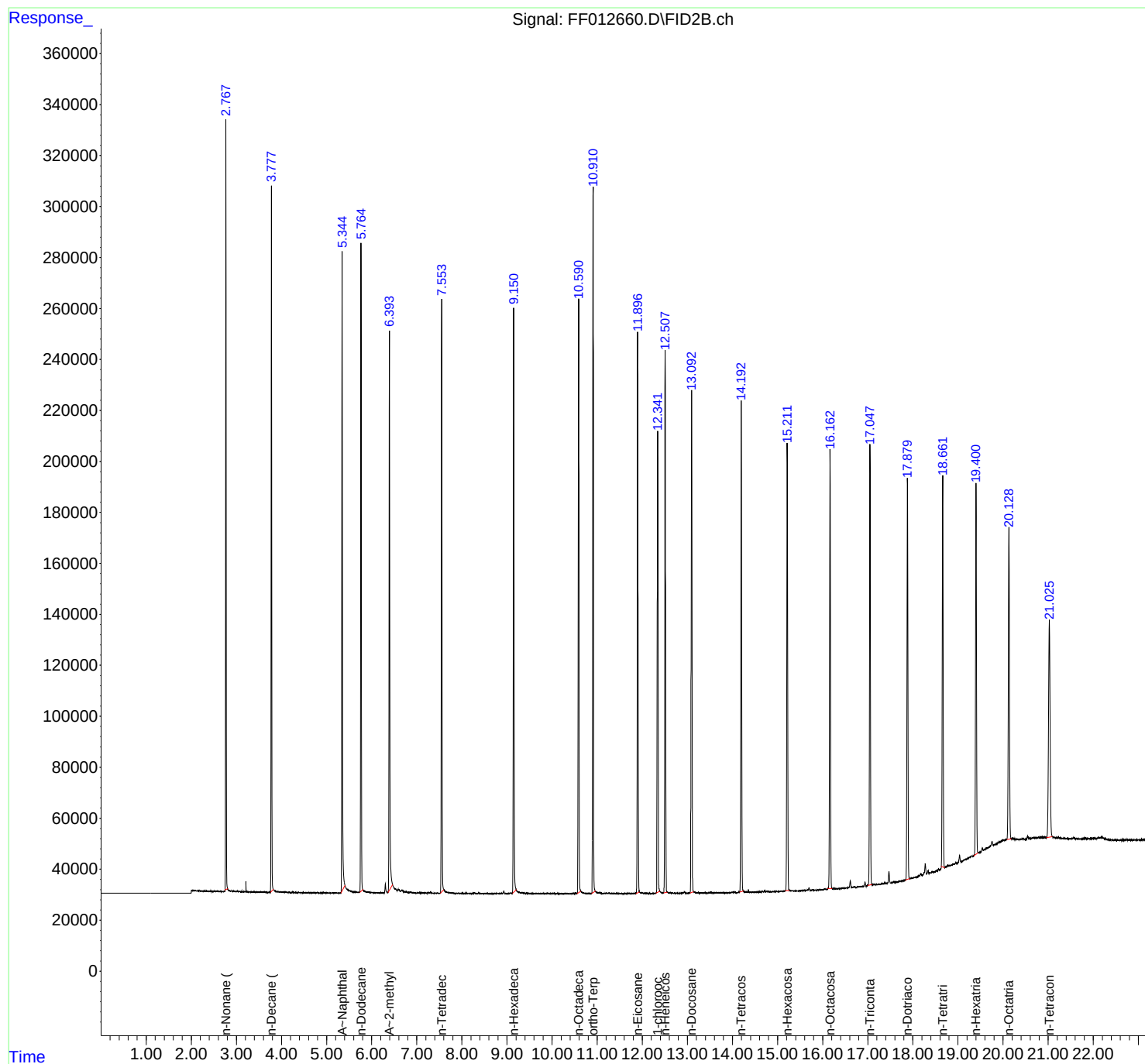
(m)=manual int.

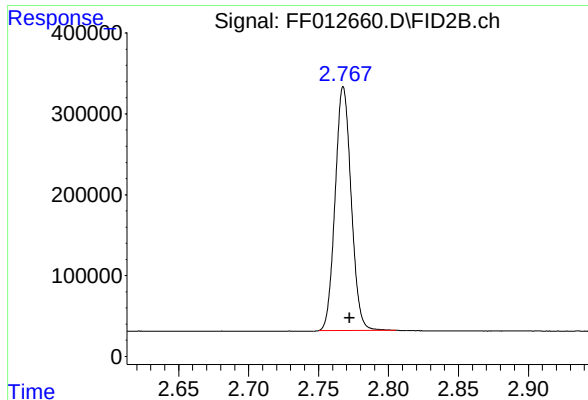
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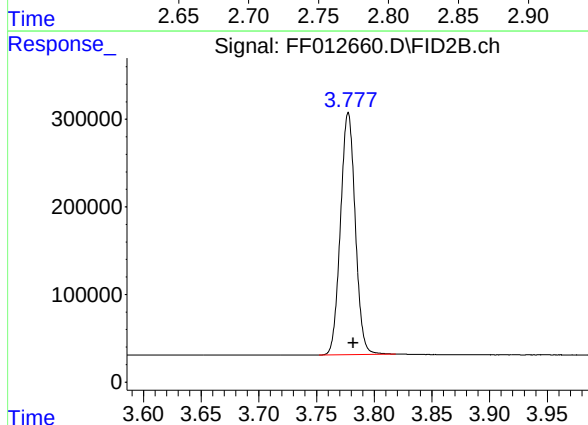




#1 n-Nonane (C9)

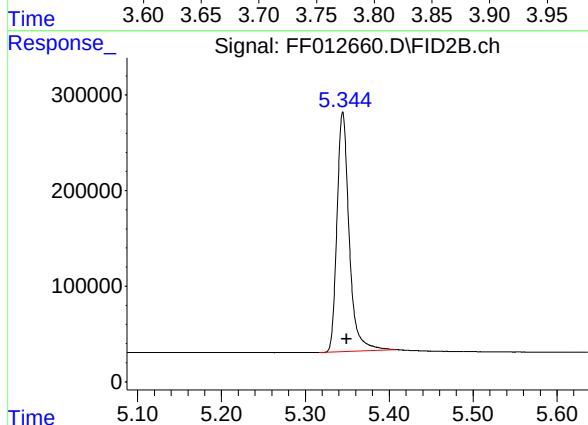
R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 2408401
Conc: 18.40 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



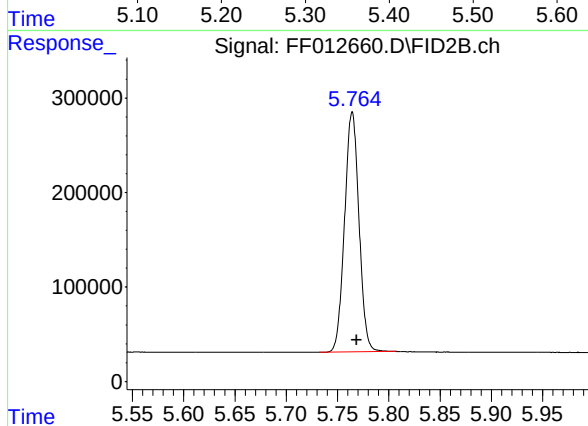
#2 n-Decane (C10)

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 2460117
Conc: 18.41 ug/ml



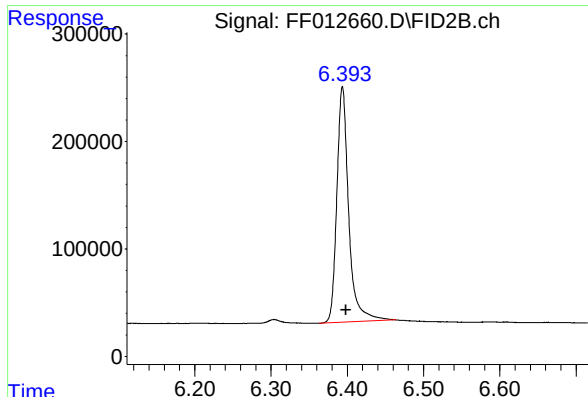
#3 A~Naphthalene (C11.7)

R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 2529418
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

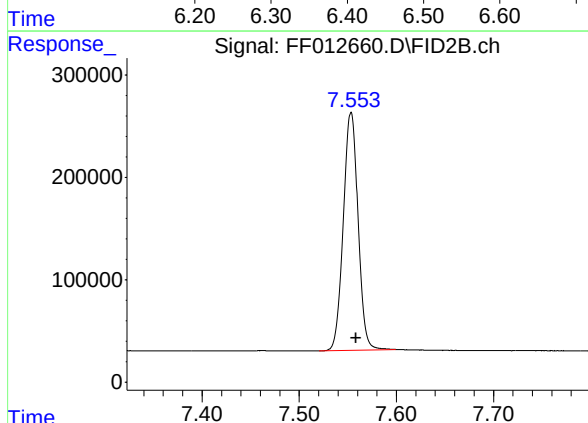
R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 2487518
Conc: 18.38 ug/ml



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

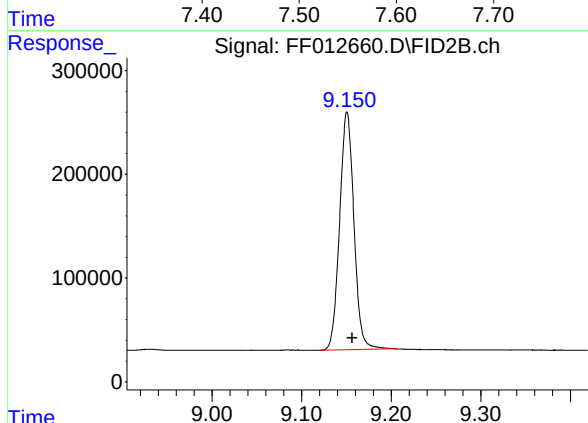
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 2369109
Conc: 17.85 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



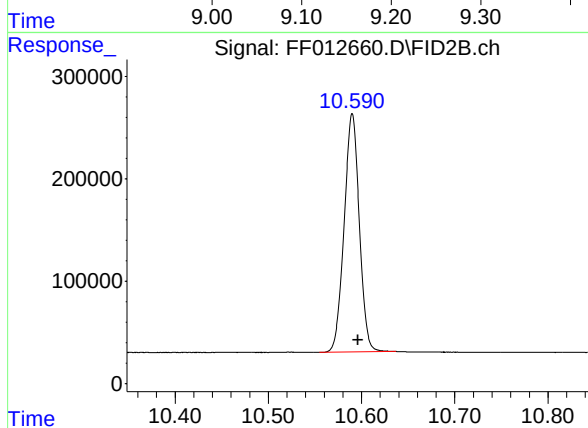
#6 n-Tetradecane (C14)

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 2451819
Conc: 18.33 ug/ml



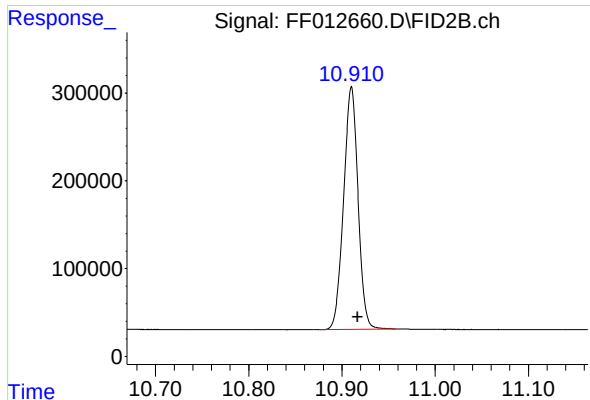
#7 n-Hexadecane (C16)

R.T.: 9.151 min
Delta R.T.: -0.006 min
Response: 2543638
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

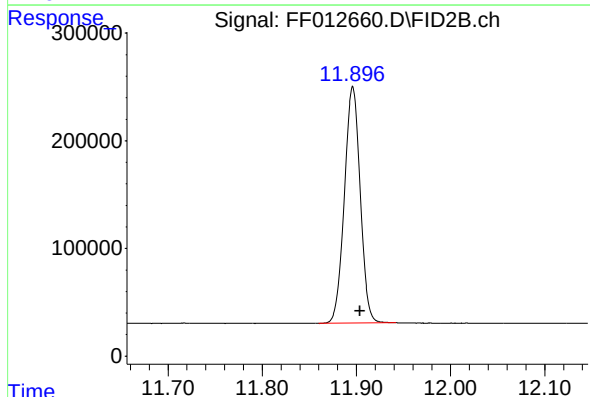
R.T.: 10.590 min
Delta R.T.: -0.006 min
Response: 2635693
Conc: 18.52 ug/ml



#9 ortho-Terphenyl (SURR)

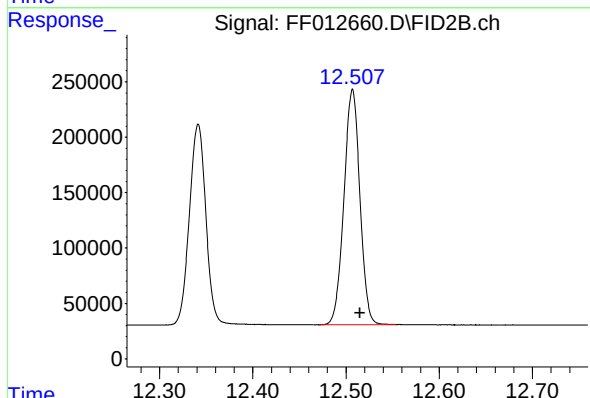
R.T.: 10.910 min
Delta R.T.: -0.007 min
Response: 2973824
Conc: 18.57 ug/ml

Instrument :
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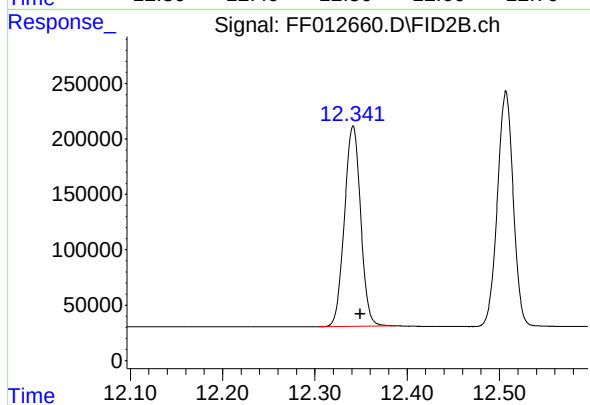
#10 n-Eicosane (C20)

R.T.: 11.896 min
Delta R.T.: -0.008 min
Response: 2565228
Conc: 18.65 ug/ml



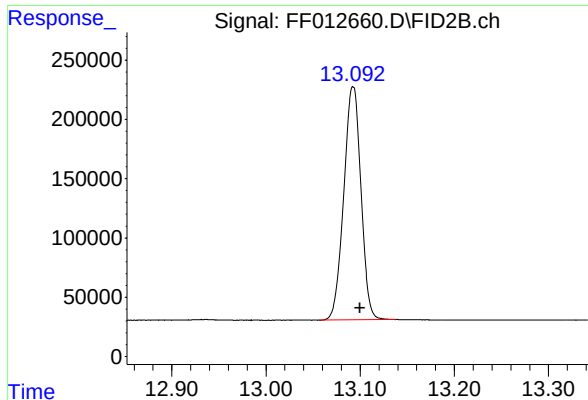
#11 n-Heneicosane (C21)

R.T.: 12.507 min
Delta R.T.: -0.008 min
Response: 2527512
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

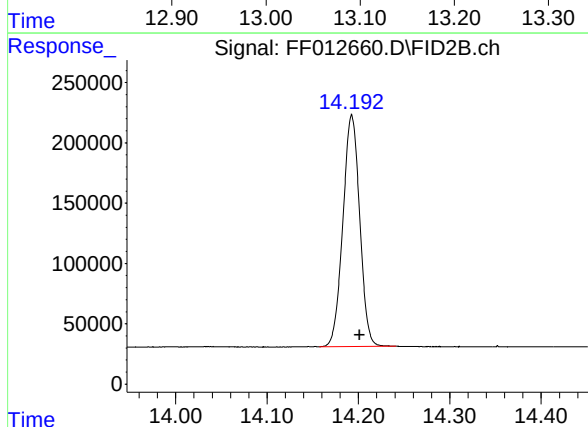
R.T.: 12.342 min
Delta R.T.: -0.008 min
Response: 2205633
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

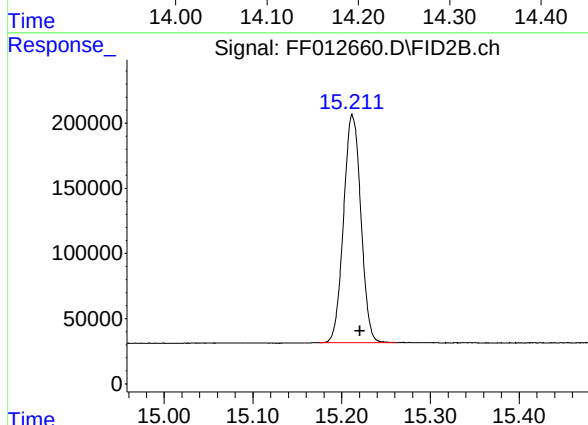
R.T.: 13.093 min
Delta R.T.: -0.007 min
Response: 2498227
Conc: 18.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



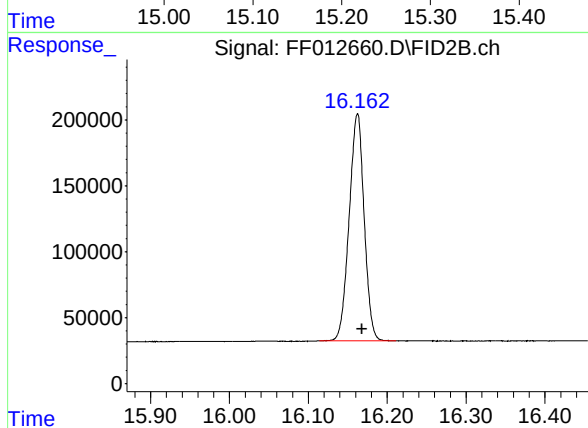
#14 n-Tetracosane (C24)

R.T.: 14.193 min
Delta R.T.: -0.009 min
Response: 2453168
Conc: 18.66 ug/ml



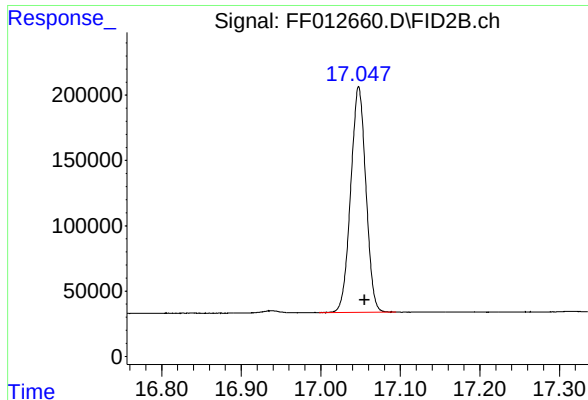
#15 n-Hexacosane (C26)

R.T.: 15.212 min
Delta R.T.: -0.009 min
Response: 2368378
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

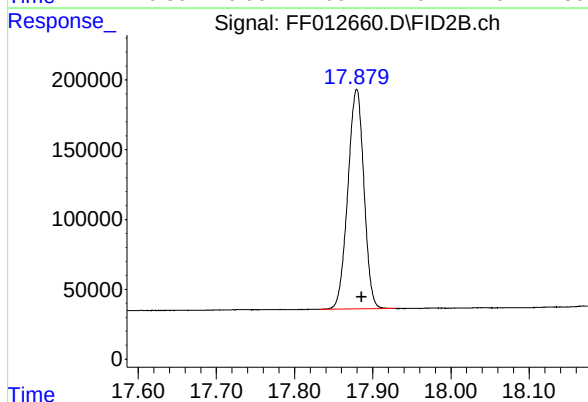
R.T.: 16.162 min
Delta R.T.: -0.006 min
Response: 2278820
Conc: 18.53 ug/ml



#17 n-Tricontane (C30)

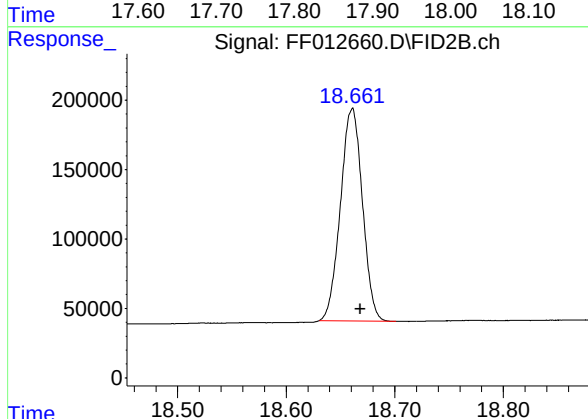
R.T.: 17.048 min
Delta R.T.: -0.007 min
Response: 2292270
Conc: 18.57 ug/ml

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20 PPM ALIPHATIC HC STD



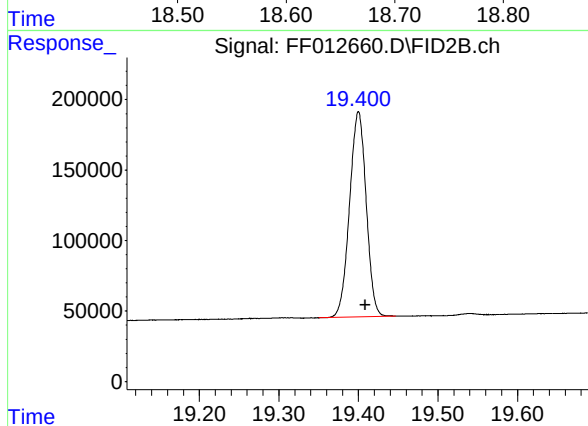
#18 n-Dotriacontane (C32)

R.T.: 17.880 min
Delta R.T.: -0.006 min
Response: 2250616
Conc: 18.60 ug/ml



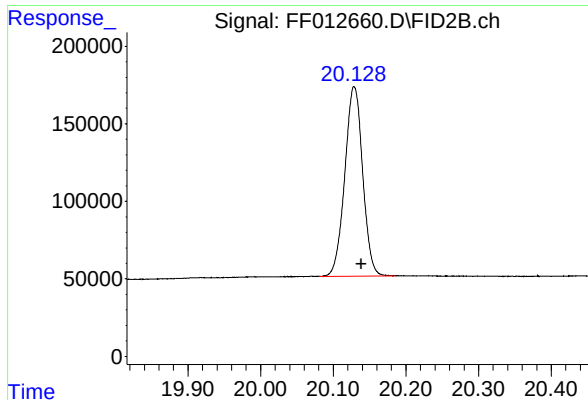
#19 n-Tetatriacontane (C34)

R.T.: 18.661 min
Delta R.T.: -0.007 min
Response: 2159550
Conc: 18.46 ug/ml



#20 n-Hexatriacontane (C36)

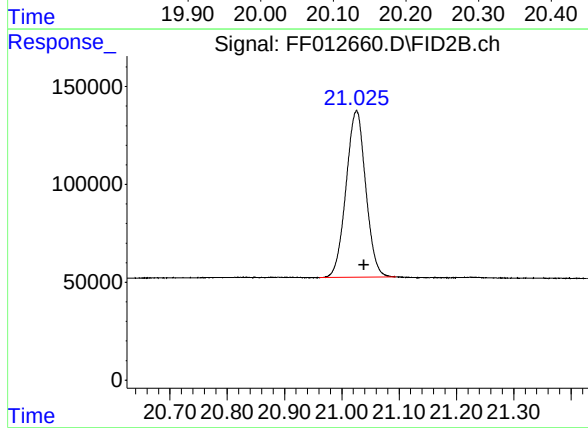
R.T.: 19.400 min
Delta R.T.: -0.008 min
Response: 2112221
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: -0.010 min
Response: 2087324
Conc: 18.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: -0.012 min
Response: 2028303
Conc: 18.38 ug/ml