

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062322AL\
 Data File : FC060444.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2022 13:50
 Operator : UA/NP
 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: Jun 24 16:08:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.643	2909119	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.012	2300447	18.554 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	2.623	2681888	20.954 ug/ml
2) T n-Decane (C10)	3.621	2667464	20.851 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2738157	18.944 ug/ml
4) T n-Dodecane (C12)	5.574	2827553	21.211 ug/ml
5) T A~2-methylnaphthalene...	6.186	2740185	18.670 ug/ml
6) T n-Tetradecane (C14)	7.325	2870399	21.026 ug/ml
7) T n-Hexadecane (C16)	8.889	2886534	20.573 ug/ml
8) T n-Octadecane (C18)	10.298	2852574	19.933 ug/ml
10) T n-Eicosane (C20)	11.577	2736607	19.181 ug/ml
11) T n-Heneicosane (C21)	12.176	2686393	18.742 ug/ml
13) T n-Docosane (C22)	12.749	2685083	18.843 ug/ml
14) T n-Tetracosane (C24)	13.828	2620442	18.673 ug/ml
15) T n-Hexacosane (C26)	14.827	2580228	19.054 ug/ml
16) T n-Octacosane (C28)	15.755	2597758	19.947 ug/ml
17) T n-Tricontane (C30)	16.623	2619390	21.396 ug/ml
18) T n-Dotriacontane (C32)	17.438	2553212	22.900 ug/ml
19) T n-Tetratriacontane (C34)	18.203	2379179	23.326 ug/ml
20) T n-Hexatriacontane (C36)	18.926	2256258	23.826 ug/ml
21) T n-Octatriacontane (C38)	19.608	2186533	23.699 ug/ml
22) T n-Tetracontane (C40)	20.257	2104624	22.369 ug/ml

(f)=RT Delta > 1/2 Window

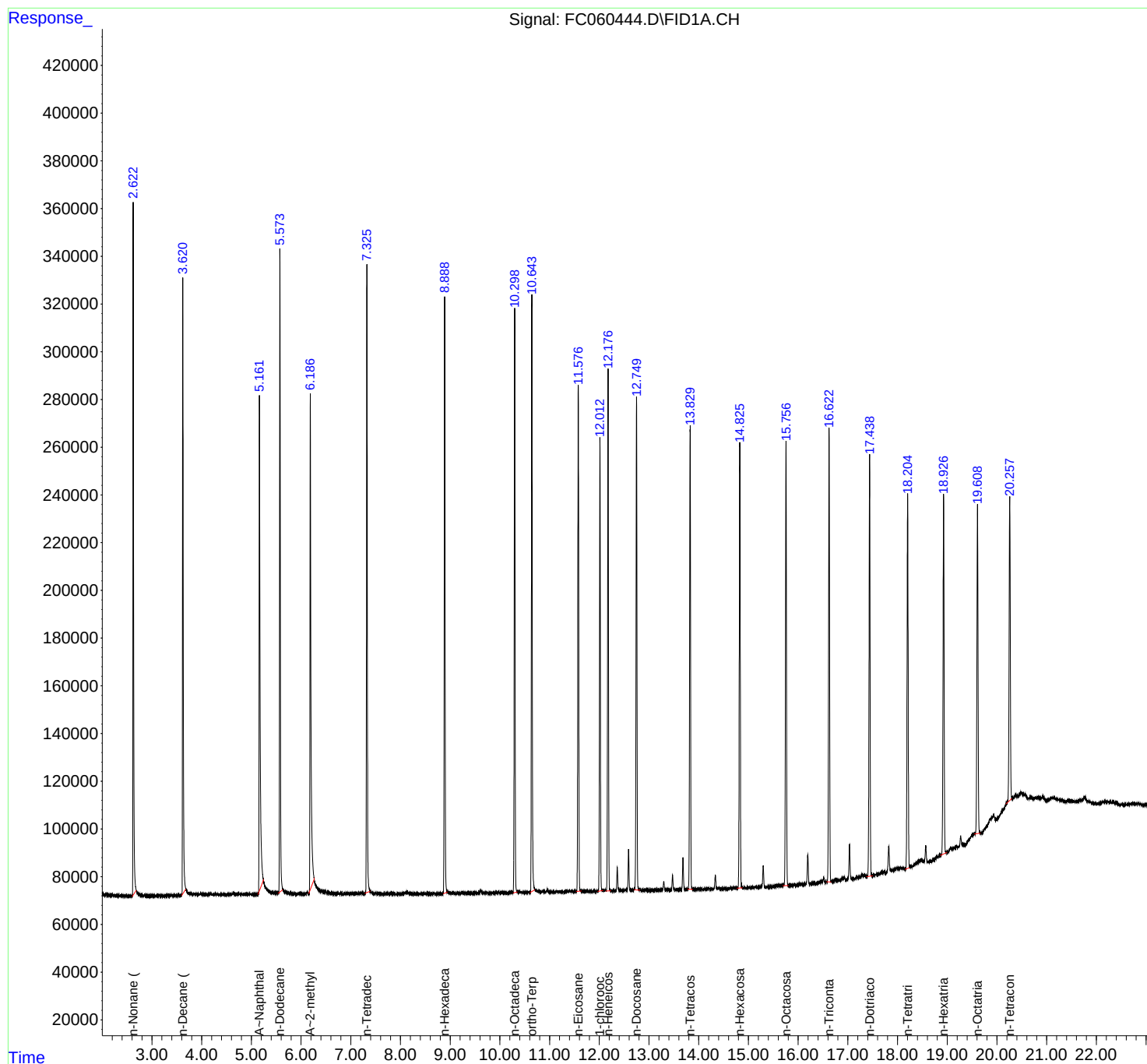
(m)=manual int.

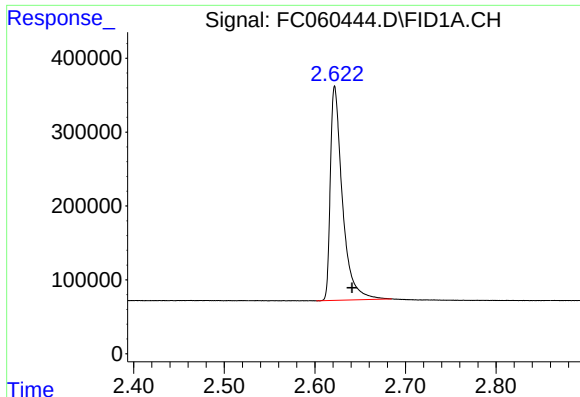
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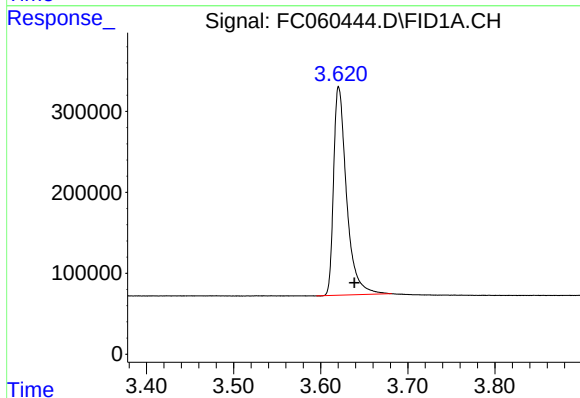




#1 n-Nonane (C9)

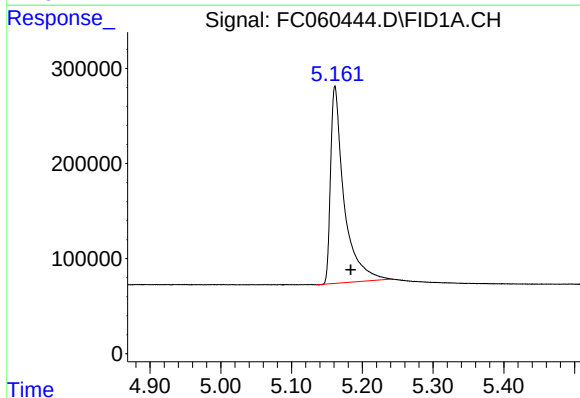
R.T.: 2.623 min
Delta R.T.: -0.018 min
Response: 2681888
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



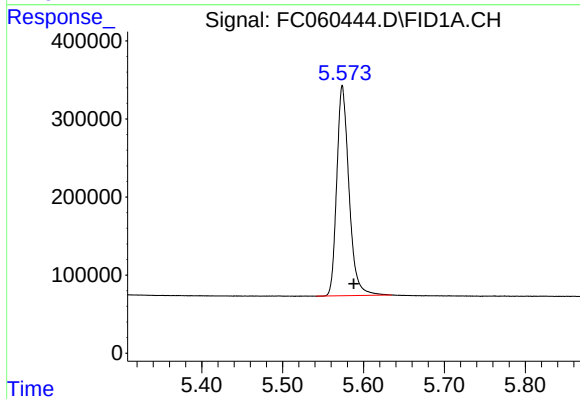
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 2667464
Conc: 20.85 ug/ml



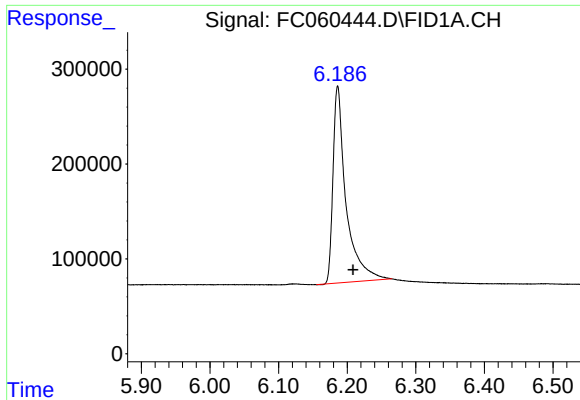
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2738157
Conc: 18.94 ug/ml



#4 n-Dodecane (C12)

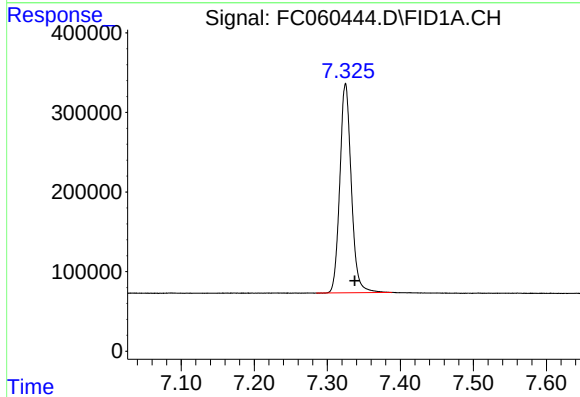
R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 2827553
Conc: 21.21 ug/ml



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

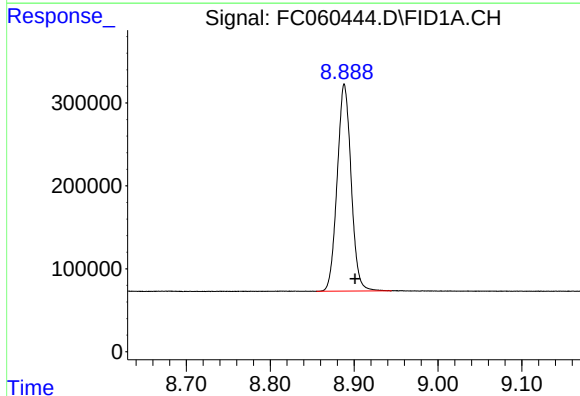
R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 2740185
Conc: 18.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



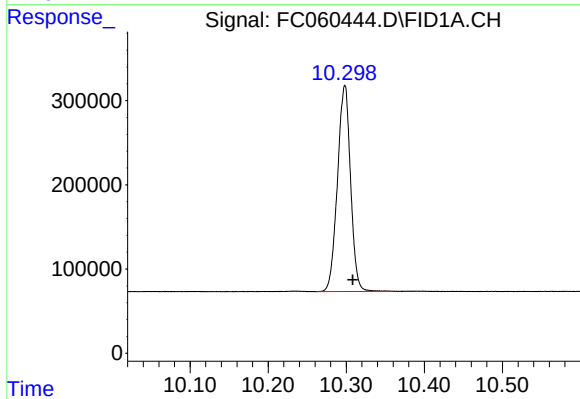
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2870399
Conc: 21.03 ug/ml



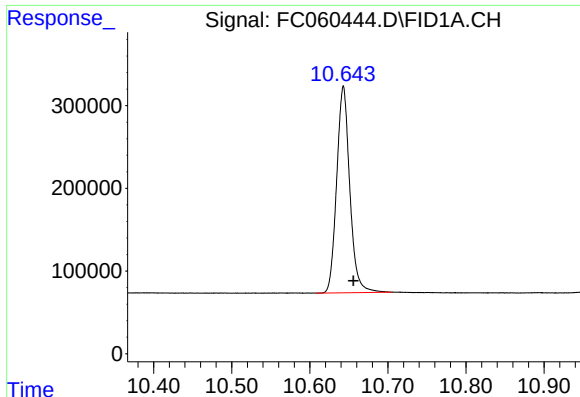
#7 n-Hexadecane (C16)

R.T.: 8.889 min
Delta R.T.: -0.013 min
Response: 2886534
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

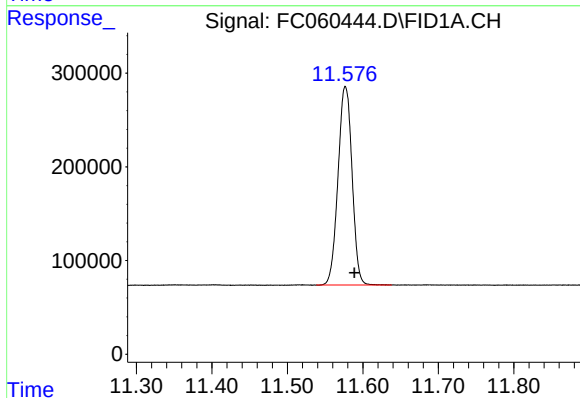
R.T.: 10.298 min
Delta R.T.: -0.010 min
Response: 2852574
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

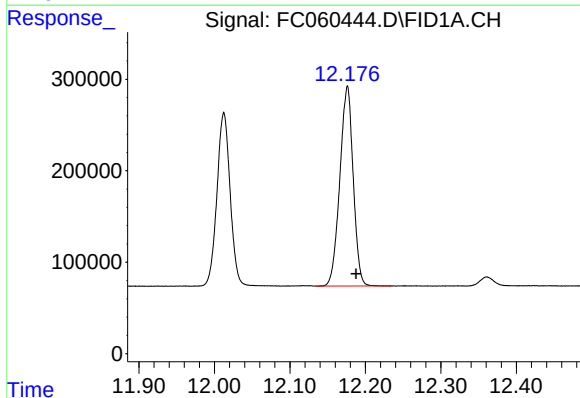
R.T.: 10.643 min
Delta R.T.: -0.013 min
Response: 2909119
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



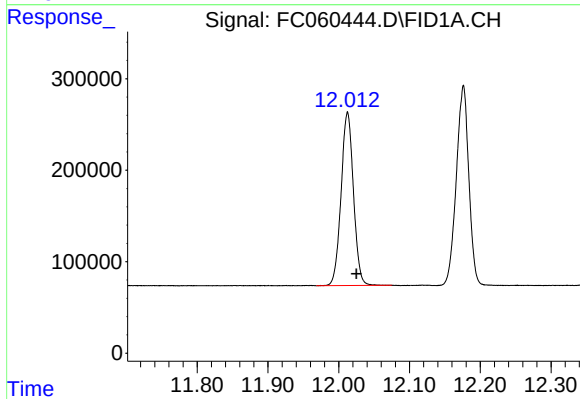
#10 n-Eicosane (C20)

R.T.: 11.577 min
Delta R.T.: -0.012 min
Response: 2736607
Conc: 19.18 ug/ml



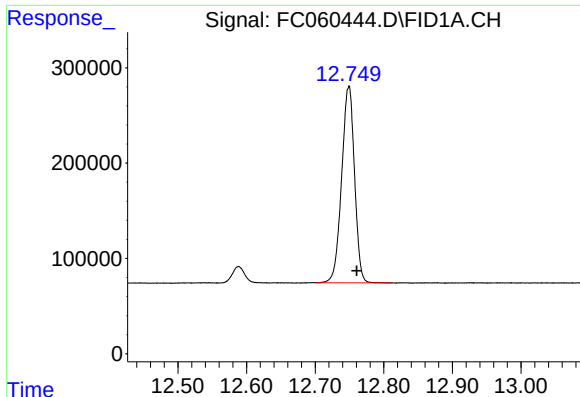
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 2686393
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

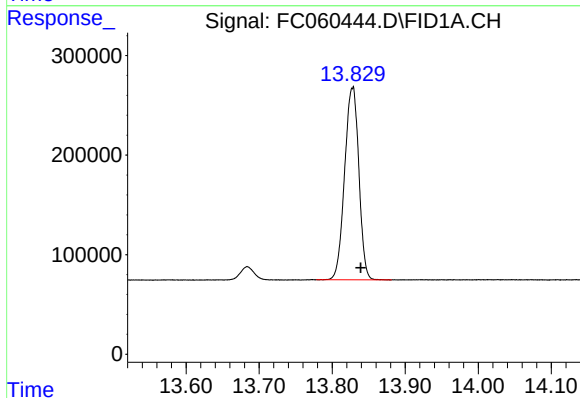
R.T.: 12.012 min
Delta R.T.: -0.012 min
Response: 2300447
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

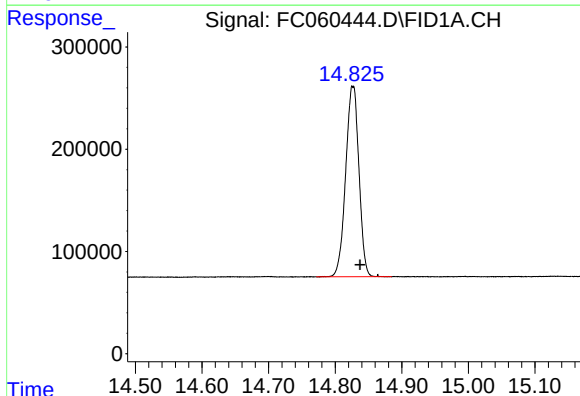
R.T.: 12.749 min
Delta R.T.: -0.012 min
Response: 2685083
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



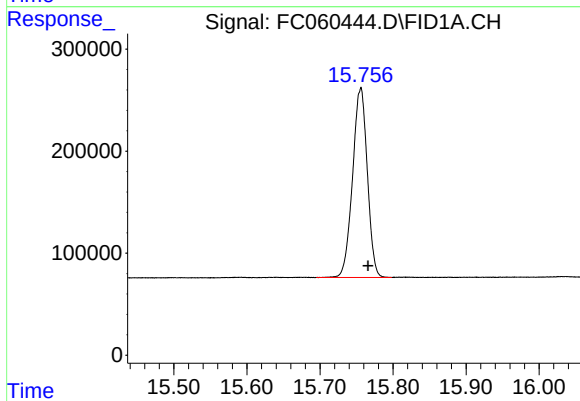
#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.011 min
Response: 2620442
Conc: 18.67 ug/ml



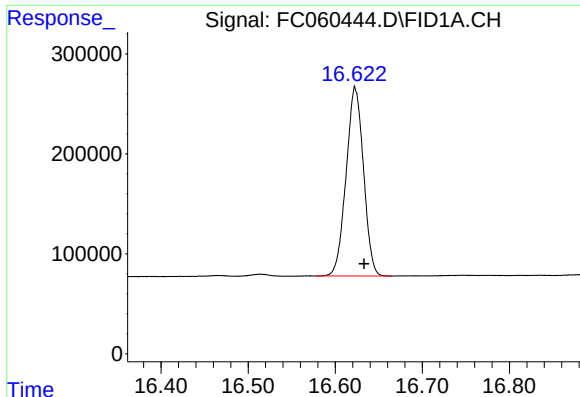
#15 n-Hexacosane (C26)

R.T.: 14.827 min
Delta R.T.: -0.011 min
Response: 2580228
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

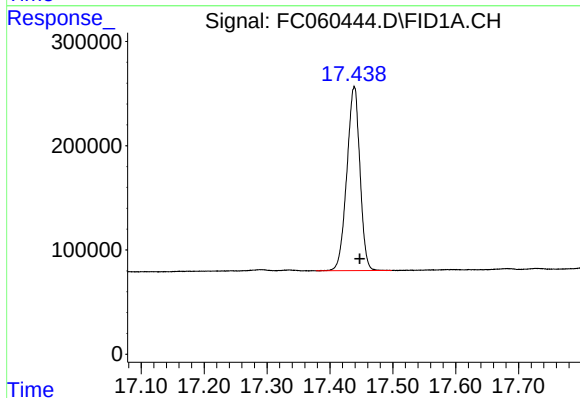
R.T.: 15.755 min
Delta R.T.: -0.010 min
Response: 2597758
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

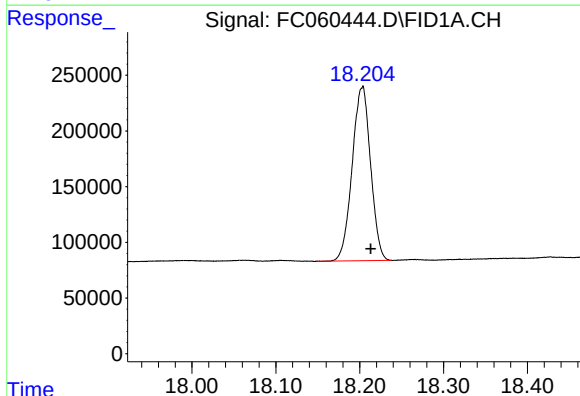
R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 2619390
Conc: 21.40 ug/ml

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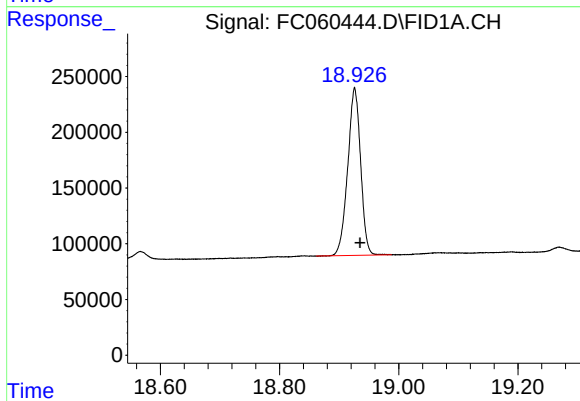
#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.009 min
Response: 2553212
Conc: 22.90 ug/ml



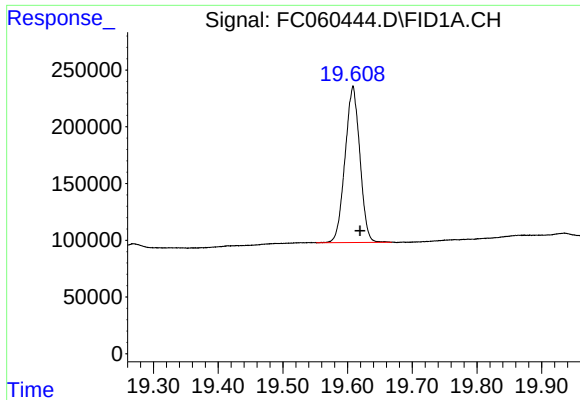
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.010 min
Response: 2379179
Conc: 23.33 ug/ml



#20 n-Hexatriacontane (C36)

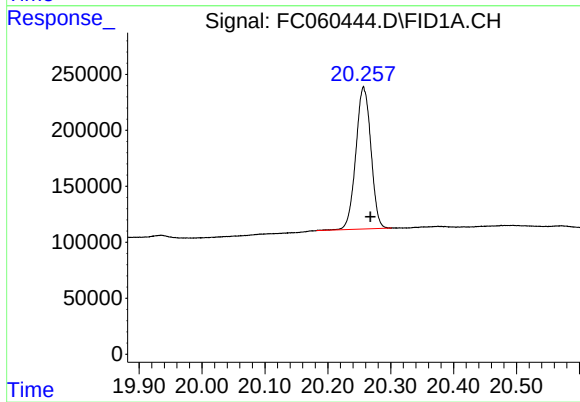
R.T.: 18.926 min
Delta R.T.: -0.009 min
Response: 2256258
Conc: 23.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 2186533
Conc: 23.70 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.011 min
Response: 2104624
Conc: 22.37 ug/ml