

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038088.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2018 17:06
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 09:42:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:11:09 2018
 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)	11.285	2654282	20.360 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	12.729	2034767	20.182 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.124	2155569	20.727 ug/ml
2) T n-Decane (C10)	4.180	2161666	20.640 ug/ml
3) T A~Naphthalene (C11.7)	5.740	2428846	20.677 ug/ml
4) T n-Dodecane (C12)	6.184	2229857	20.654 ug/ml
5) T A~2-methylnaphthalene...	6.787	2437475	20.744 ug/ml
6) T n-Tetradecane (C14)	7.965	2295254	20.550 ug/ml
7) T n-Hexadecane (C16)	9.555	2363114	20.484 ug/ml
8) T n-Octadecane (C18)	10.987	2432215	20.121 ug/ml
10) T n-Eicosane (C20)	12.290	2411107	20.074 ug/ml
11) T n-Heneicosane (C21)	12.898	2355895	20.303 ug/ml
13) T n-Docosane (C22)	13.481	2341038	20.256 ug/ml
14) T n-Tetracosane (C24)	14.579	2310579	20.124 ug/ml
15) T n-Hexacosane (C26)	15.596	2243503	19.944 ug/ml
16) T n-Octacosane (C28)	16.541	2226784	19.811 ug/ml
17) T n-Tricontane (C30)	17.425	2159687	19.678 ug/ml
18) T n-Dotriacontane (C32)	18.254	2013970	19.663 ug/ml
19) T n-Tetratriacontane (C34)	19.033	1750013	19.858 ug/ml
20) T n-Hexatriacontane (C36)	19.772	1571190	20.055 ug/ml
21) T n-Octatriacontane (C38)	20.470	1531060	19.786 ug/ml
22) T n-Tetracontane (C40)	21.273	1641754	18.788 ug/ml

(f)=RT Delta > 1/2 Window

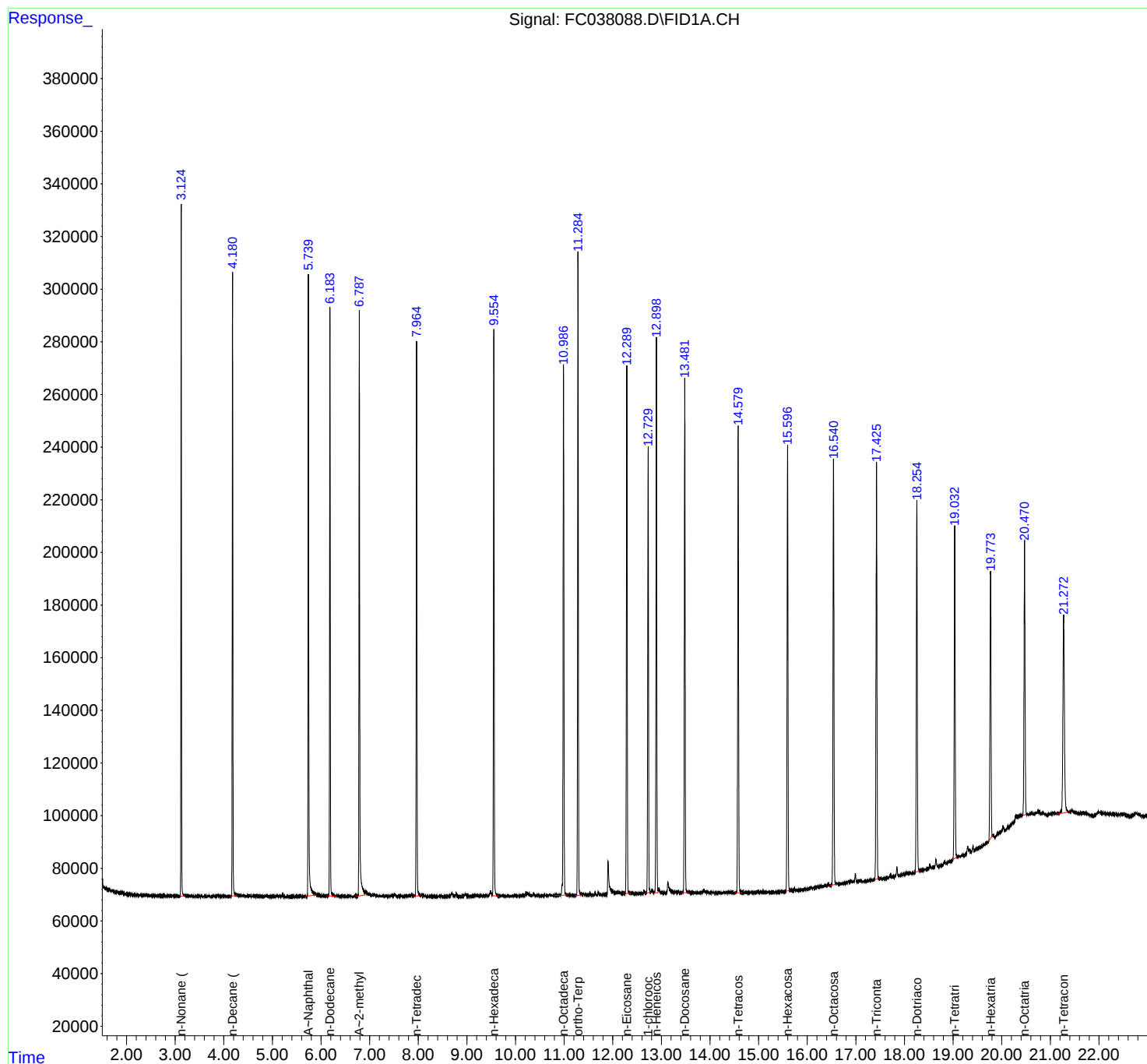
(m)=manual int.

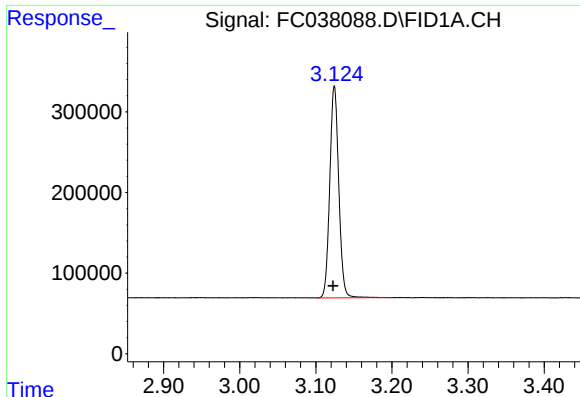
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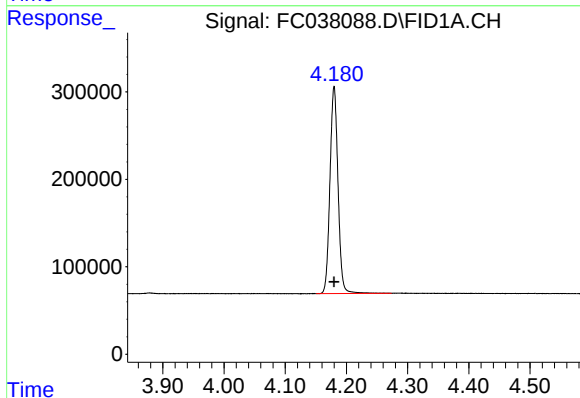




#1 n-Nonane (C9)

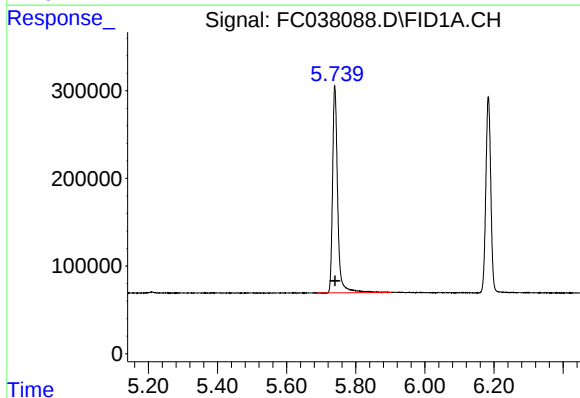
R.T.: 3.124 min
Delta R.T.: 0.001 min
Response: 2155569
Conc: 20.73 ug/ml

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20 PPM ALIPHATIC HC STD



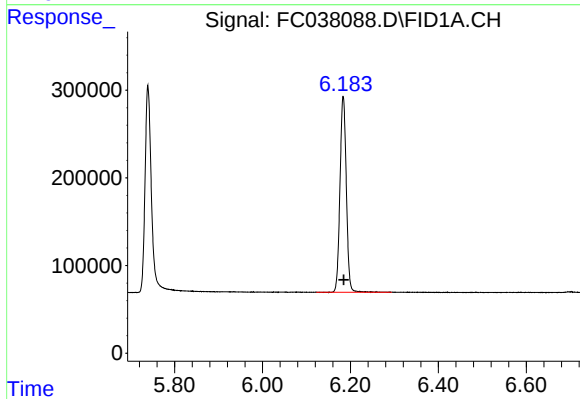
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 2161666
Conc: 20.64 ug/ml



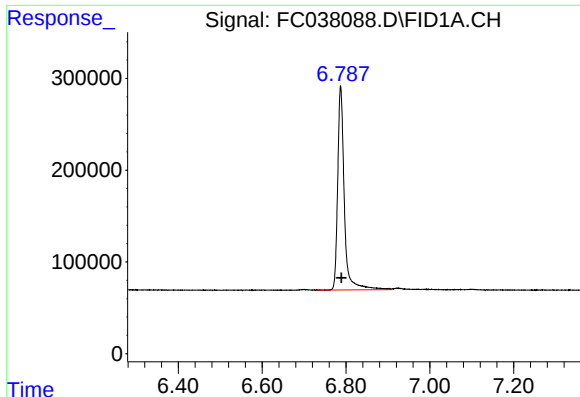
#3 A~Naphthalene (C11.7)

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 2428846
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

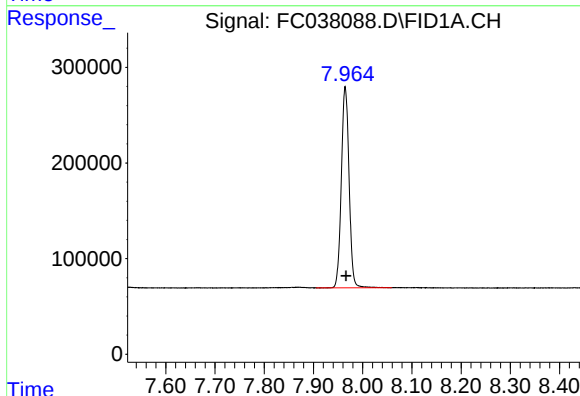
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 2229857
Conc: 20.65 ug/ml



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

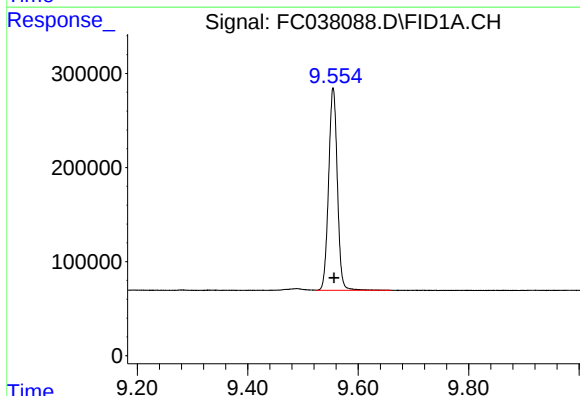
R.T.: 6.787 min
Delta R.T.: -0.001 min
Response: 2437475
Conc: 20.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



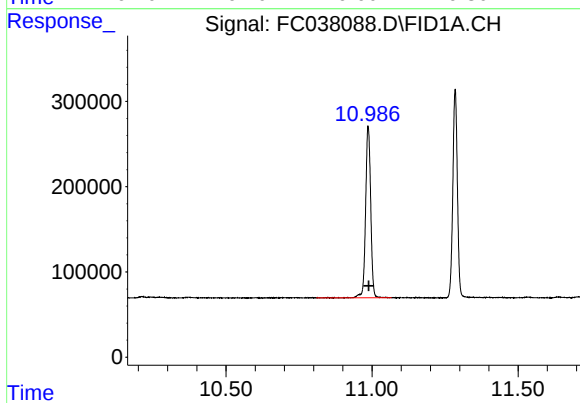
#6 n-Tetradecane (C14)

R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 2295254
Conc: 20.55 ug/ml



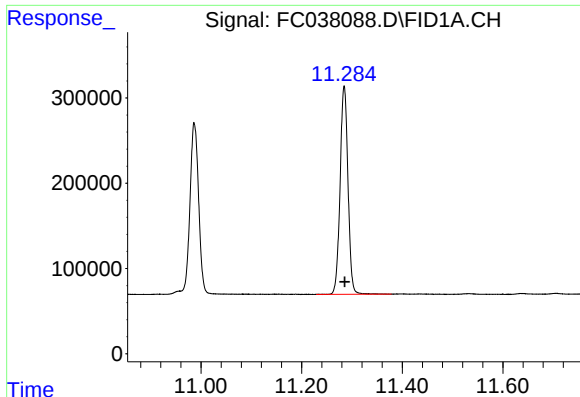
#7 n-Hexadecane (C16)

R.T.: 9.555 min
Delta R.T.: -0.002 min
Response: 2363114
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

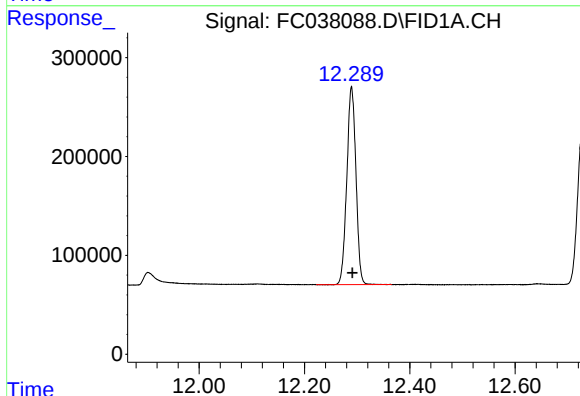
R.T.: 10.987 min
Delta R.T.: -0.002 min
Response: 2432215
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

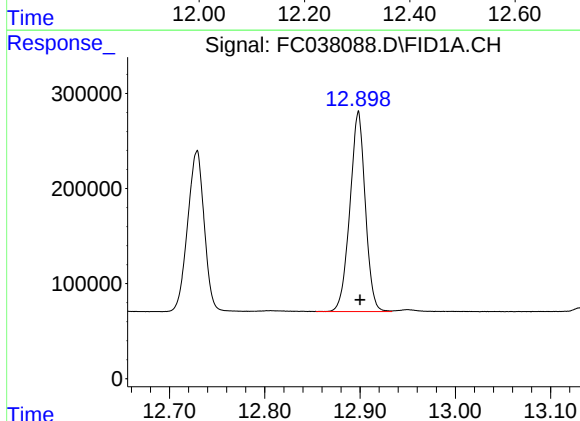
R.T.: 11.285 min
Delta R.T.: -0.001 min
Response: 2654282
Conc: 20.36 ug/ml

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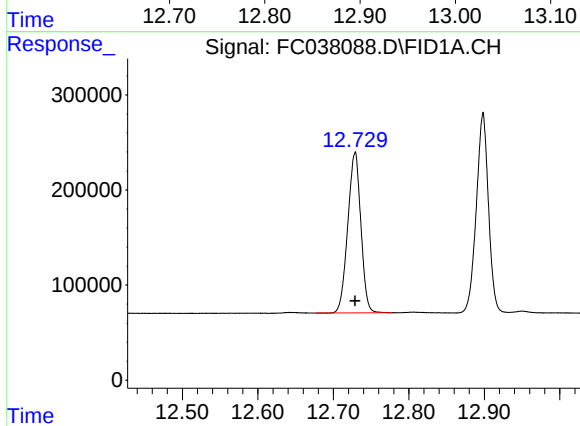
#10 n-Eicosane (C20)

R.T.: 12.290 min
Delta R.T.: -0.002 min
Response: 2411107
Conc: 20.07 ug/ml



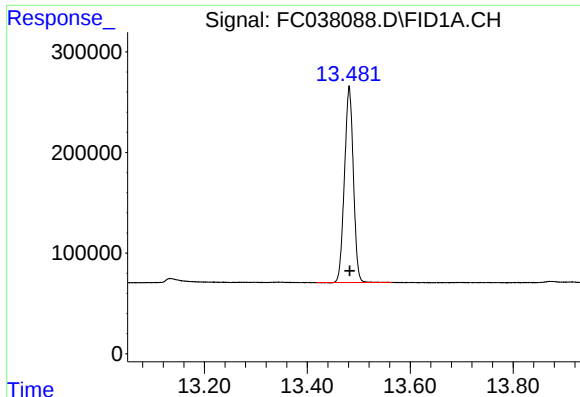
#11 n-Heneicosane (C21)

R.T.: 12.898 min
Delta R.T.: -0.002 min
Response: 2355895
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

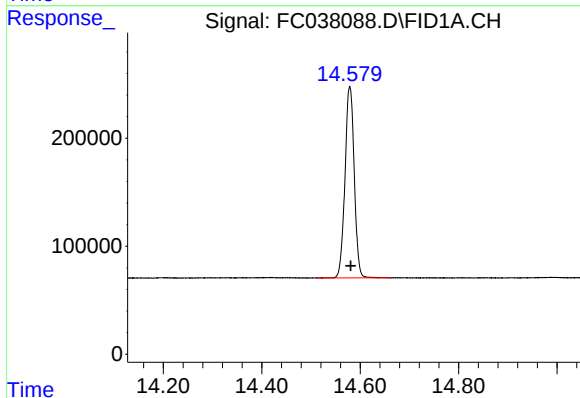
R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 2034767
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

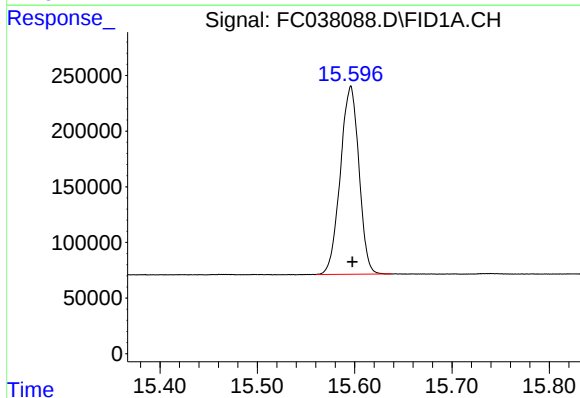
R.T.: 13.481 min
Delta R.T.: -0.001 min
Response: 2341038
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



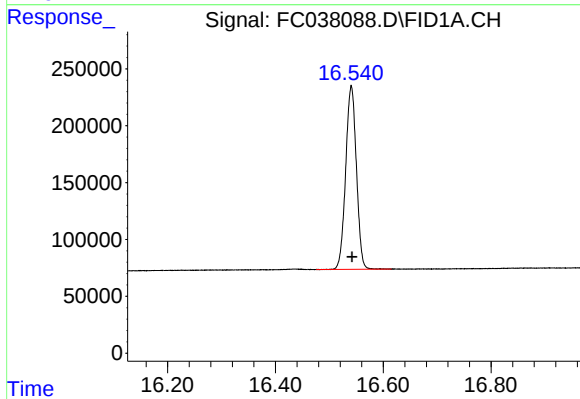
#14 n-Tetracosane (C24)

R.T.: 14.579 min
Delta R.T.: -0.002 min
Response: 2310579
Conc: 20.12 ug/ml



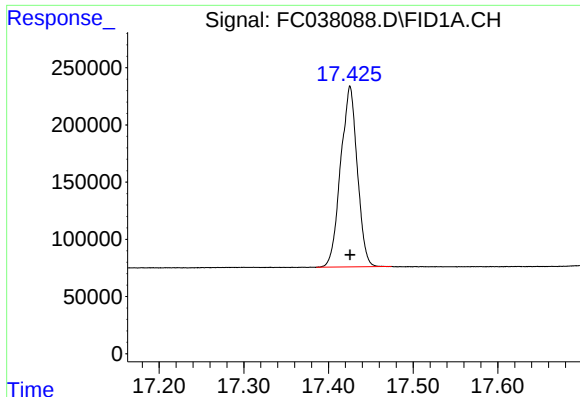
#15 n-Hexacosane (C26)

R.T.: 15.596 min
Delta R.T.: -0.002 min
Response: 2243503
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

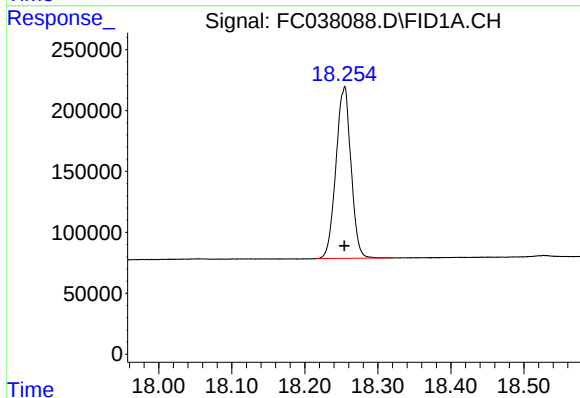
R.T.: 16.541 min
Delta R.T.: -0.002 min
Response: 2226784
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

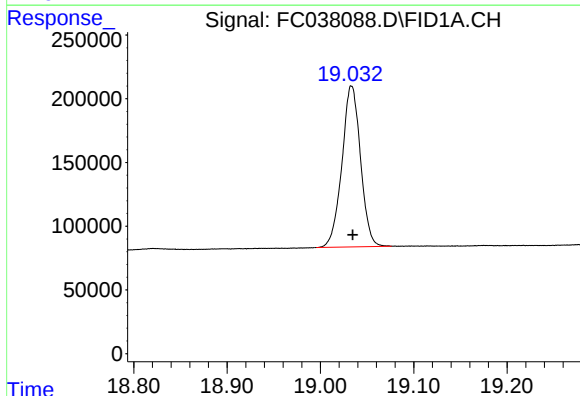
R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 2159687
Conc: 19.68 ug/ml

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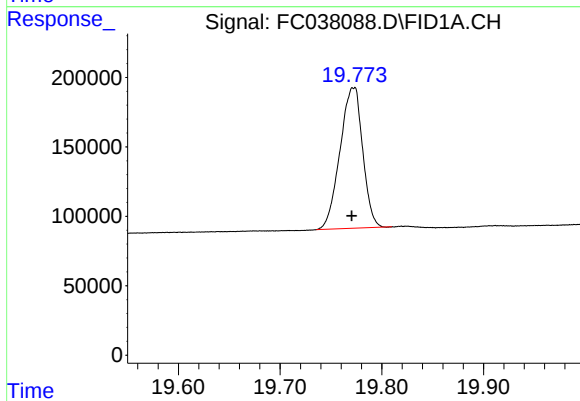
#18 n-Dotriacontane (C32)

R.T.: 18.254 min
Delta R.T.: 0.000 min
Response: 2013970
Conc: 19.66 ug/ml



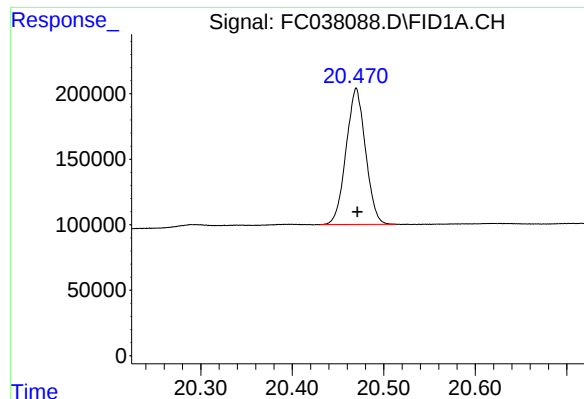
#19 n-Tetratriacontane (C34)

R.T.: 19.033 min
Delta R.T.: -0.001 min
Response: 1750013
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

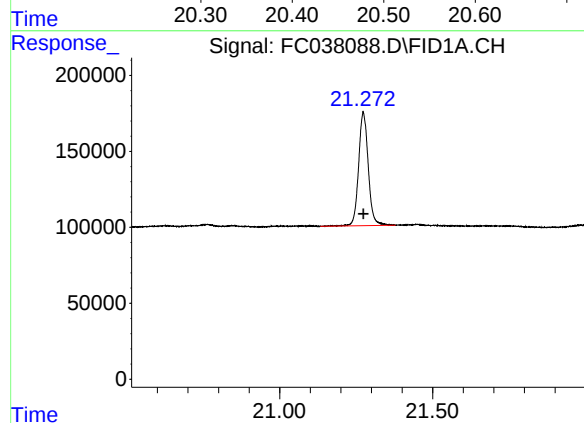
R.T.: 19.772 min
Delta R.T.: 0.001 min
Response: 1571190
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.470 min
Delta R.T.: -0.001 min
Response: 1531060
Conc: 19.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.273 min
Delta R.T.: -0.001 min
Response: 1641754
Conc: 18.79 ug/ml