

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055460.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 8:37
 Operator : AJ\MA
 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: Aug 31 09:00:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 2021
 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)	11.663	2506771	20.066 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.099	1963167	19.837 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.397	2183536	20.200 ug/ml
2) T n-Decane (C10)	4.469	2212584	20.292 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2508236	20.355 ug/ml
4) T n-Dodecane (C12)	6.495	2228753	20.355 ug/ml
5) T A~2-methylnaphthalene...	7.122	2558079	20.556 ug/ml
6) T n-Tetradecane (C14)	8.294	2275740	20.433 ug/ml
7) T n-Hexadecane (C16)	9.898	2296189	20.318 ug/ml
8) T n-Octadecane (C18)	11.343	2360421	20.274 ug/ml
10) T n-Eicosane (C20)	12.653	2321099	19.864 ug/ml
11) T n-Heneicosane (C21)	13.266	2367460	20.115 ug/ml
13) T n-Docosane (C22)	13.852	2299528	19.713 ug/ml
14) T n-Tetracosane (C24)	14.957	2264186	19.442 ug/ml
15) T n-Hexacosane (C26)	15.978	2165206	19.113 ug/ml
16) T n-Octacosane (C28)	16.929	2062011	18.635 ug/ml
17) T n-Tricontane (C30)	17.818	1957872	18.413 ug/ml
18) T n-Dotriacontane (C32)	18.650	1852945	18.489 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1777927	18.838 ug/ml
20) T n-Hexatriacontane (C36)	20.174	1695616	19.529 ug/ml
21) T n-Octatriacontane (C38)	20.927	1677076	20.575 ug/ml
22) T n-Tetracontane (C40)	21.872	1624284	20.224 ug/ml

(f)=RT Delta > 1/2 Window

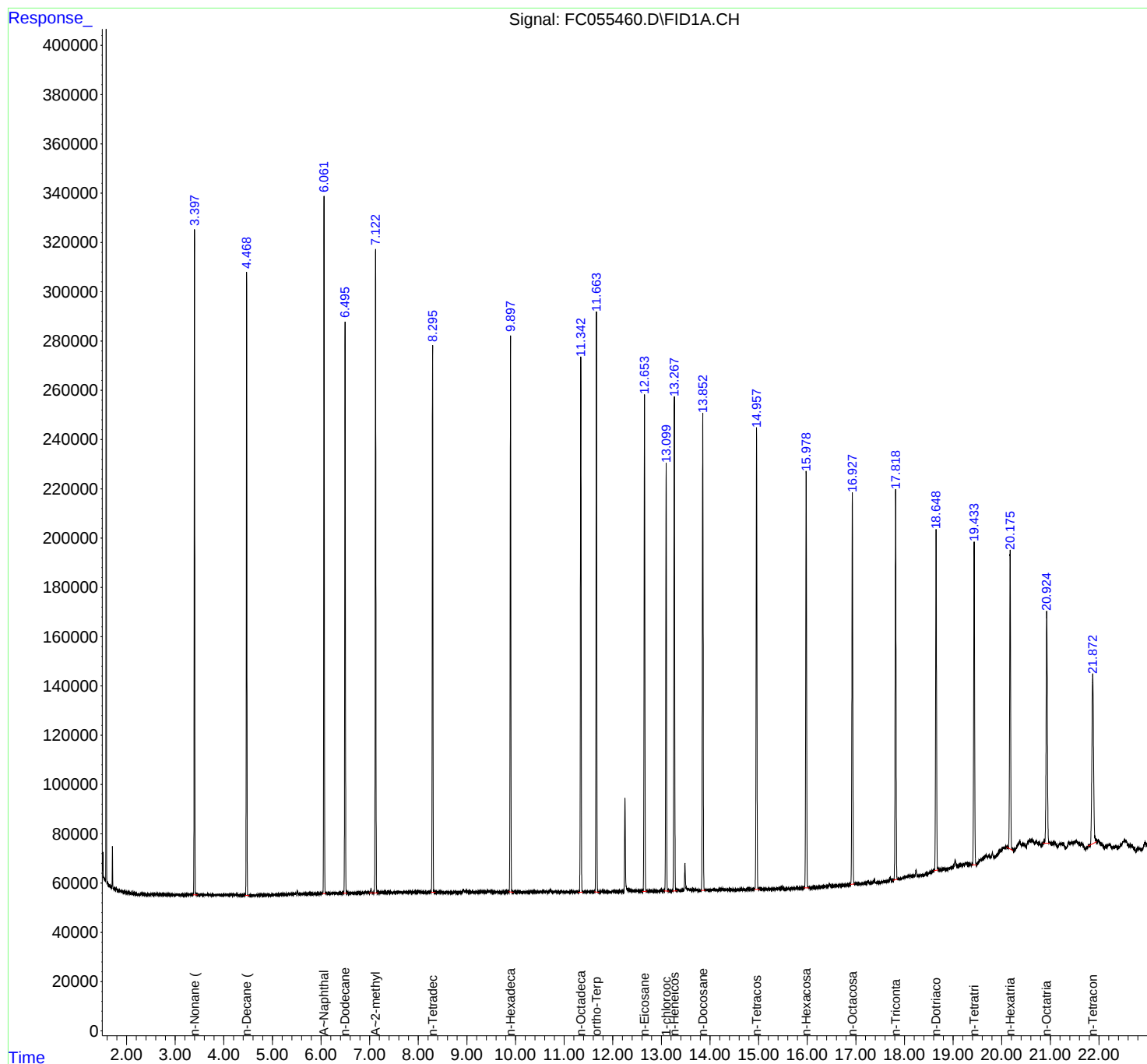
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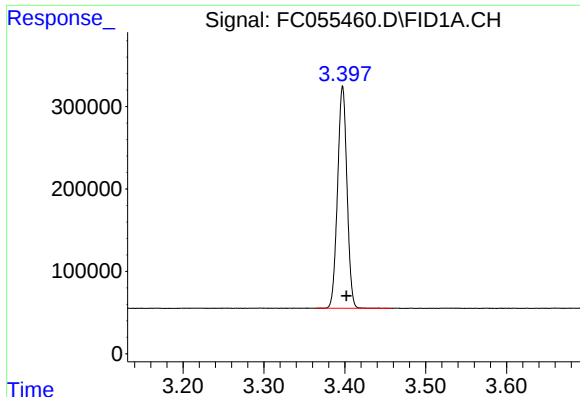
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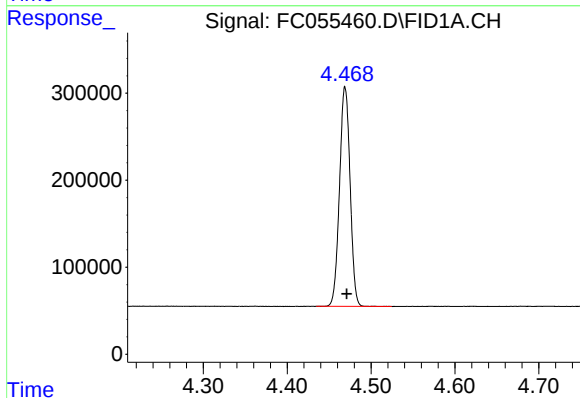




#1 n-Nonane (C9)

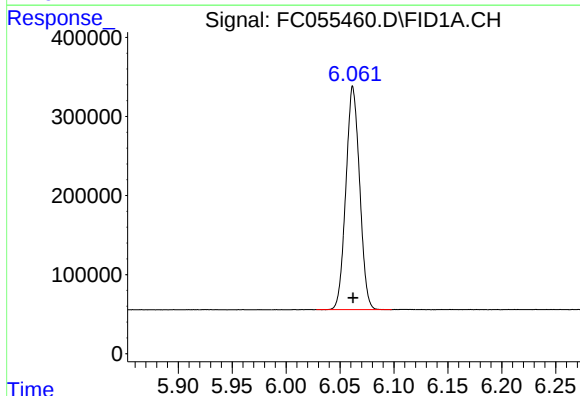
R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2183536
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



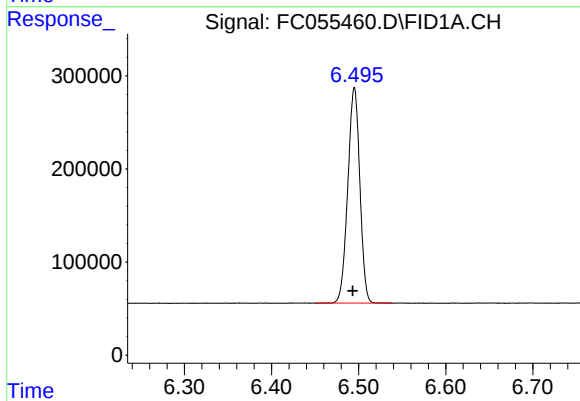
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2212584
Conc: 20.29 ug/ml



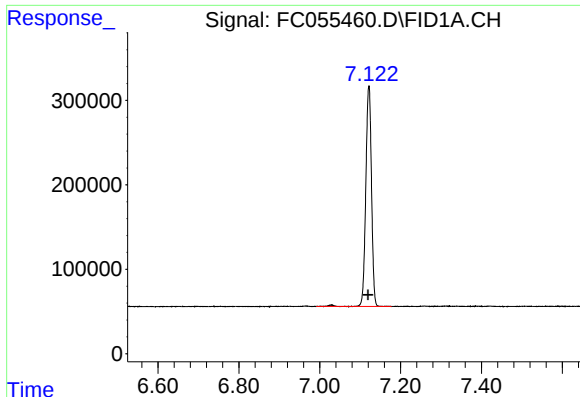
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2508236
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

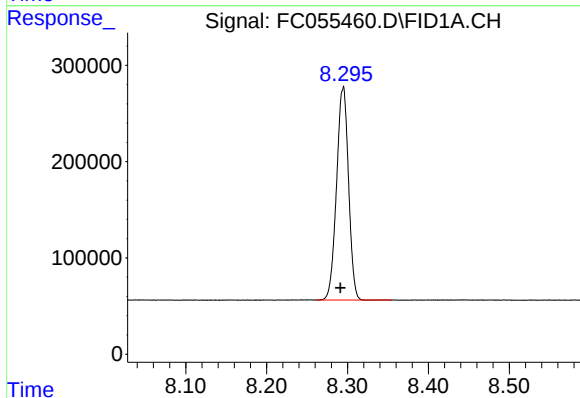
R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 2228753
Conc: 20.35 ug/ml



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

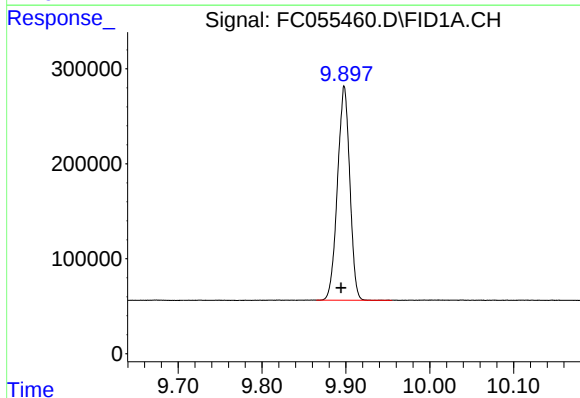
R.T.: 7.122 min
Delta R.T.: 0.002 min
Response: 2558079
Conc: 20.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



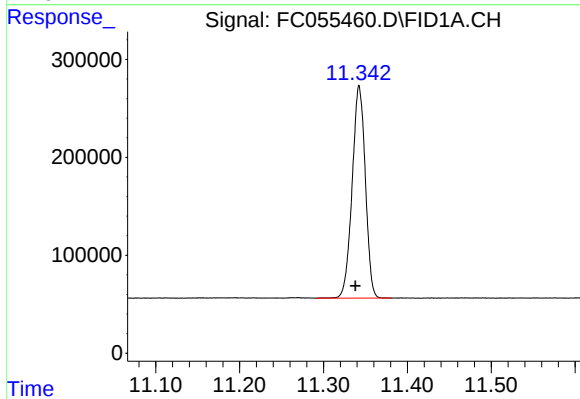
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.003 min
Response: 2275740
Conc: 20.43 ug/ml



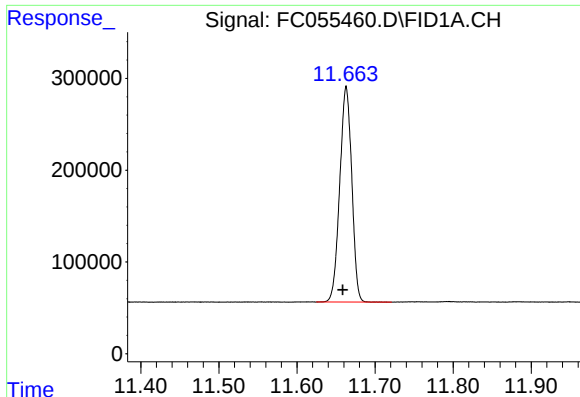
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.004 min
Response: 2296189
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

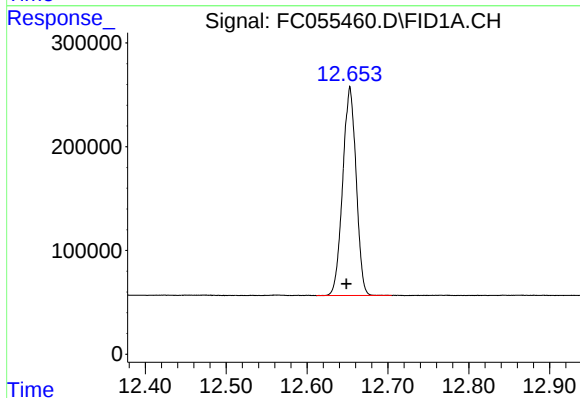
R.T.: 11.343 min
Delta R.T.: 0.004 min
Response: 2360421
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

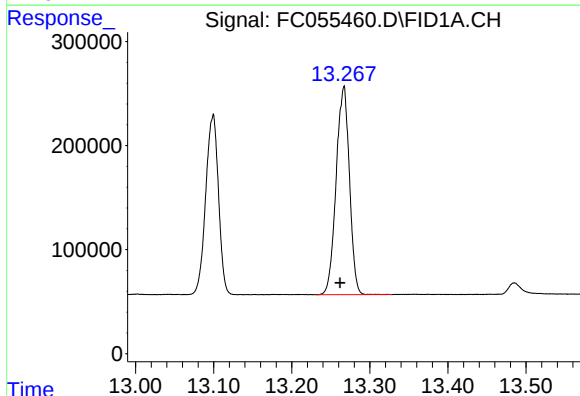
R.T.: 11.663 min
Delta R.T.: 0.004 min
Response: 2506771
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



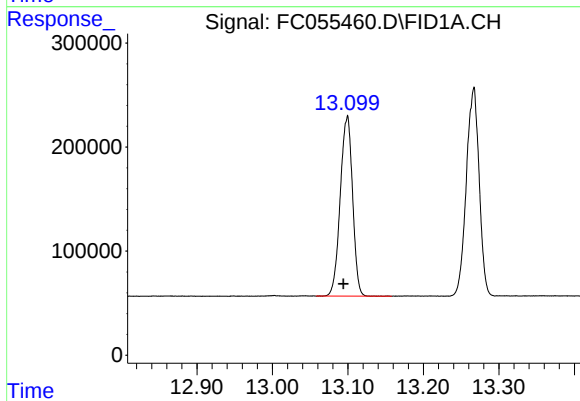
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.004 min
Response: 2321099
Conc: 19.86 ug/ml



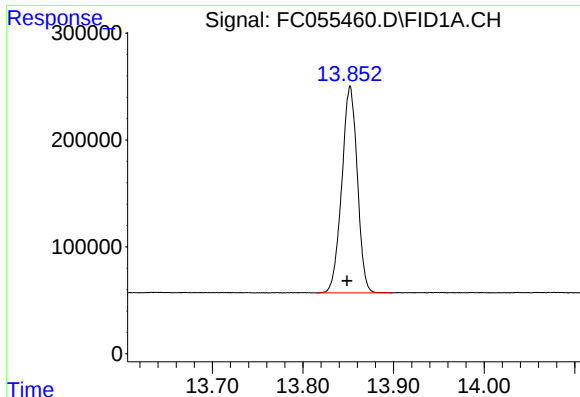
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.004 min
Response: 2367460
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

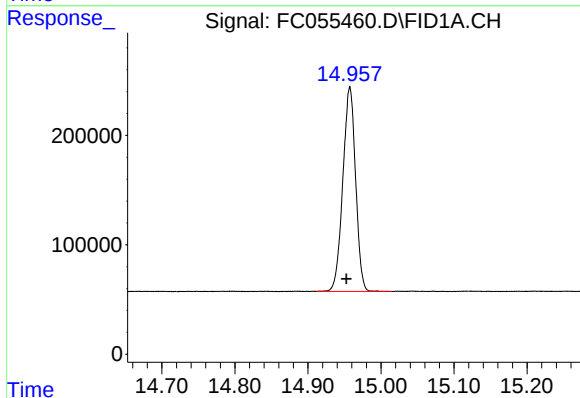
R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 1963167
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

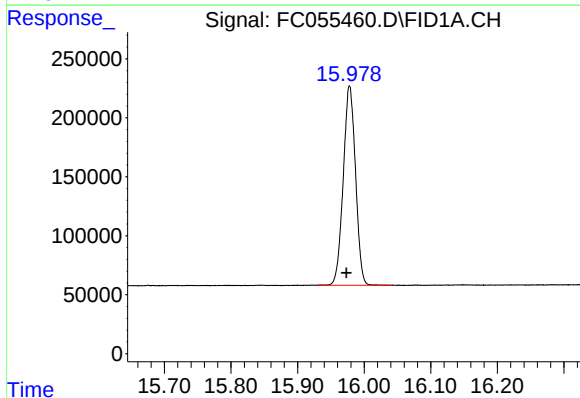
R.T.: 13.852 min
Delta R.T.: 0.003 min
Response: 2299528
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



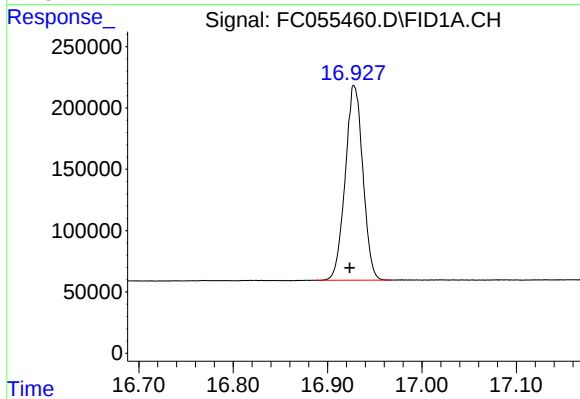
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 2264186
Conc: 19.44 ug/ml



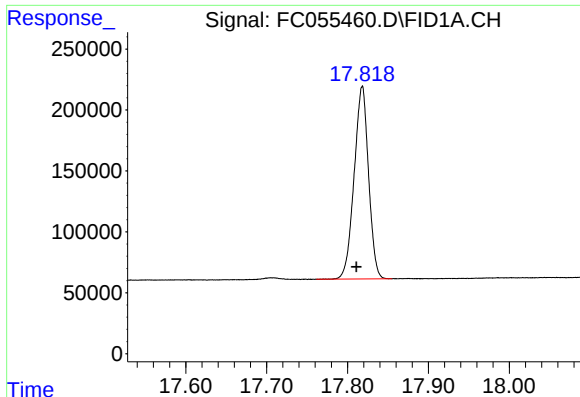
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.005 min
Response: 2165206
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

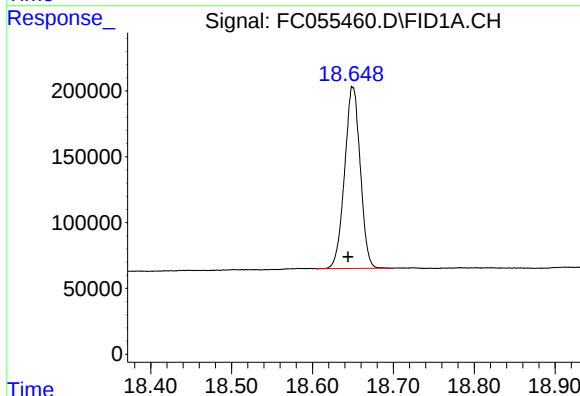
R.T.: 16.929 min
Delta R.T.: 0.005 min
Response: 2062011
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

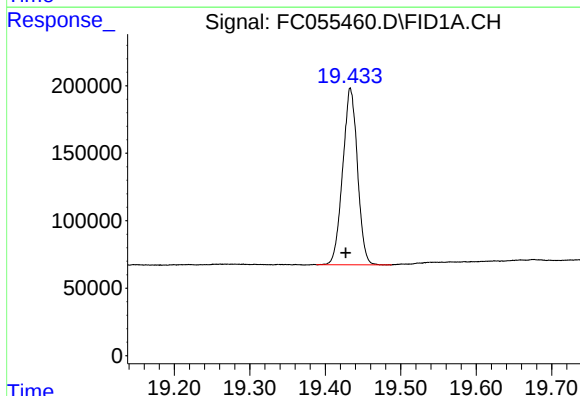
R.T.: 17.818 min
Delta R.T.: 0.007 min
Response: 1957872
Conc: 18.41 ug/ml

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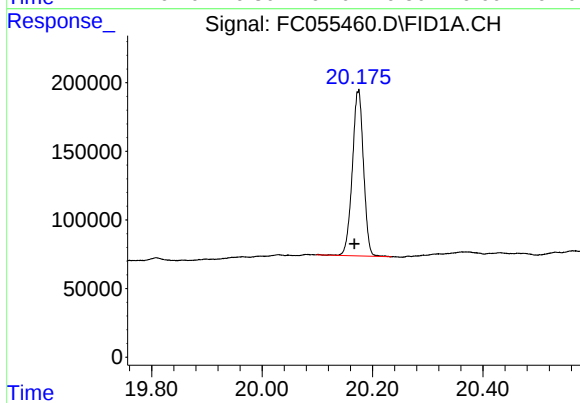
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: 0.006 min
Response: 1852945
Conc: 18.49 ug/ml



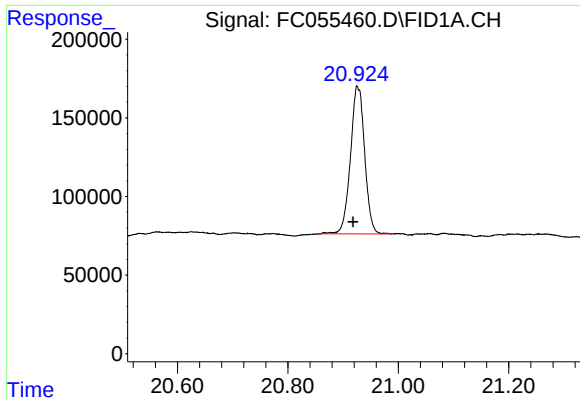
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: 0.006 min
Response: 1777927
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

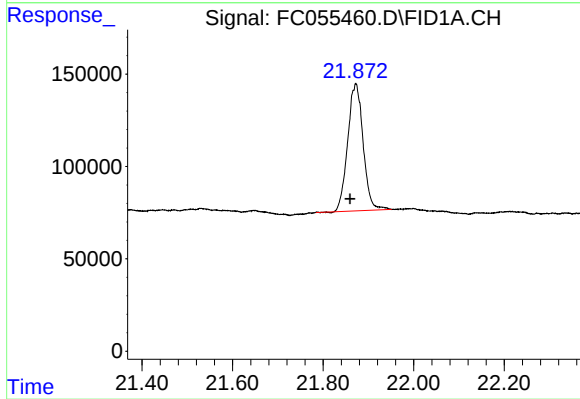
R.T.: 20.174 min
Delta R.T.: 0.007 min
Response: 1695616
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: 0.008 min
Response: 1677076
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.012 min
Response: 1624284
Conc: 20.22 ug/ml