

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100721AL\
 Data File : FC056043.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2021 15:10
 Operator : AJ\MA
 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: Oct 08 01:12:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.643	2114975	17.824 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
12) S 1-chlorooctadecane (S...	13.074	1631447	17.758 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	3.394	2179275	20.422 ug/ml
2) T n-Decane (C10)	4.463	2201305	20.593 ug/ml
3) T A~Naphthalene (C11.7)	6.056	2379608	19.777 ug/ml
4) T n-Dodecane (C12)	6.483	2175121	20.040 ug/ml
5) T A~2-methylnaphthalene...	7.114	2329647	19.178 ug/ml
6) T n-Tetradecane (C14)	8.278	2140043	19.343 ug/ml
7) T n-Hexadecane (C16)	9.879	2079373	18.785 ug/ml
8) T n-Octadecane (C18)	11.320	2055961	18.370 ug/ml
10) T n-Eicosane (C20)	12.629	1968931	18.026 ug/ml
11) T n-Heneicosane (C21)	13.240	1954376	17.976 ug/ml
13) T n-Docosane (C22)	13.825	1915140	17.932 ug/ml
14) T n-Tetracosane (C24)	14.926	1888731	18.062 ug/ml
15) T n-Hexacosane (C26)	15.945	1845707	18.370 ug/ml
16) T n-Octacosane (C28)	16.893	1856731	19.195 ug/ml
17) T n-Tricontane (C30)	17.778	1873495	20.192 ug/ml
18) T n-Dotriacontane (C32)	18.609	1868648	21.018 ug/ml
19) T n-Tetratriacontane (C34)	19.390	1869126	21.611 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1806760	22.114 ug/ml
21) T n-Octatriacontane (C38)	20.868	1733294	21.751 ug/ml
22) T n-Tetracontane (C40)	21.792	1708902	21.318 ug/ml

(f)=RT Delta > 1/2 Window

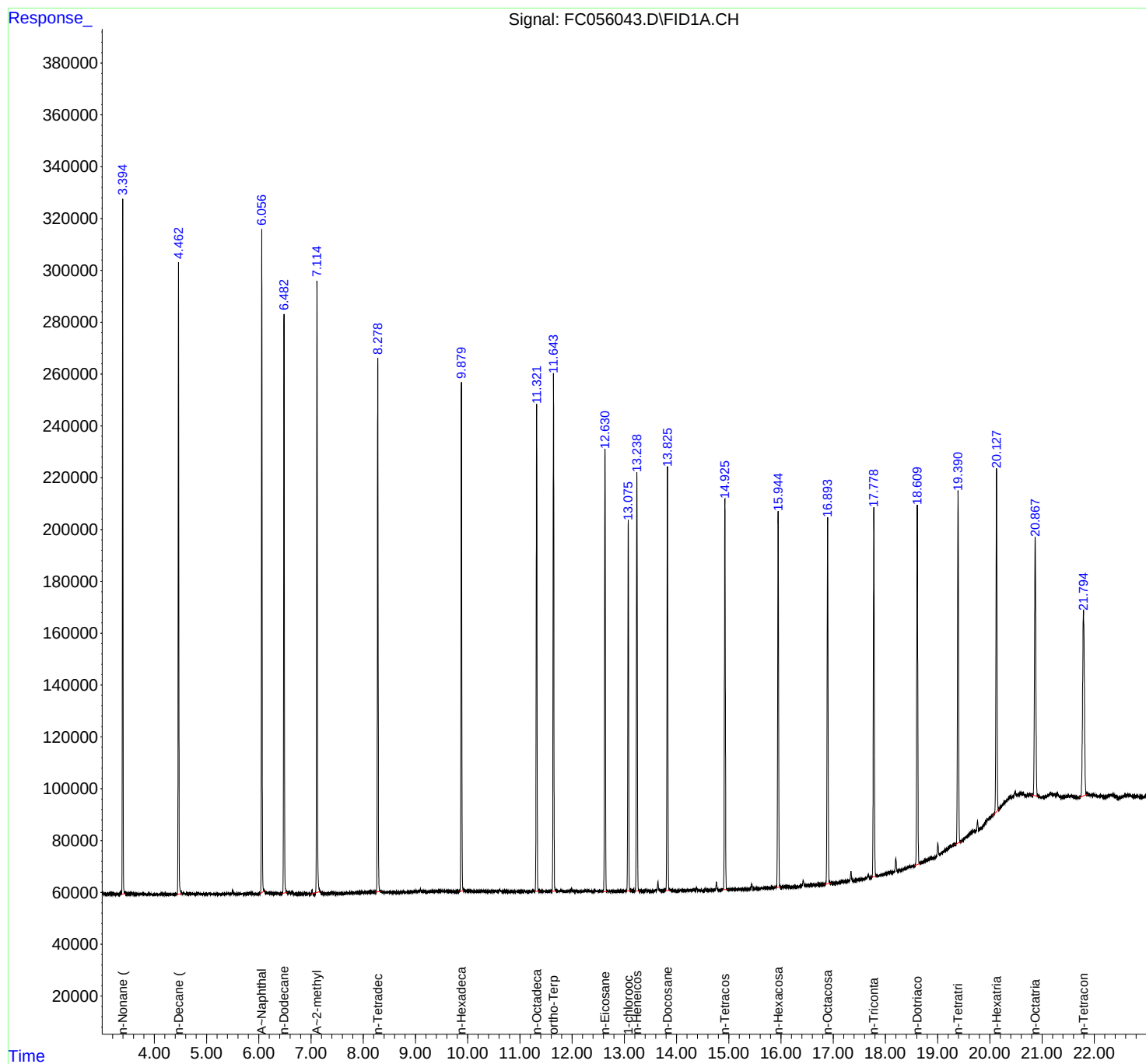
(m)=manual int.

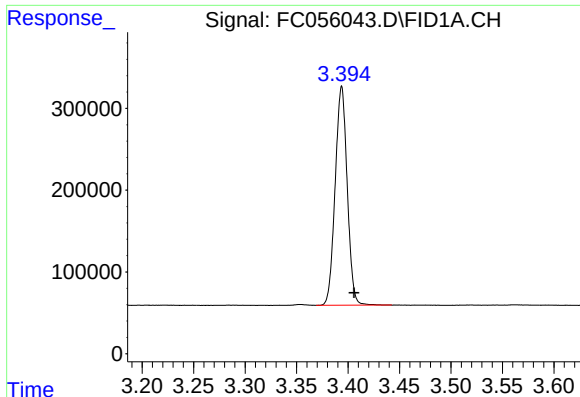
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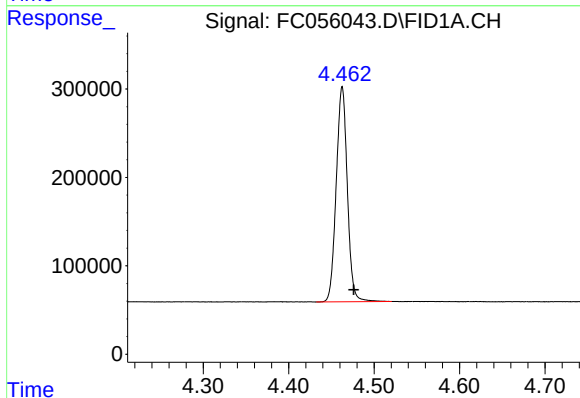




#1 n-Nonane (C9)

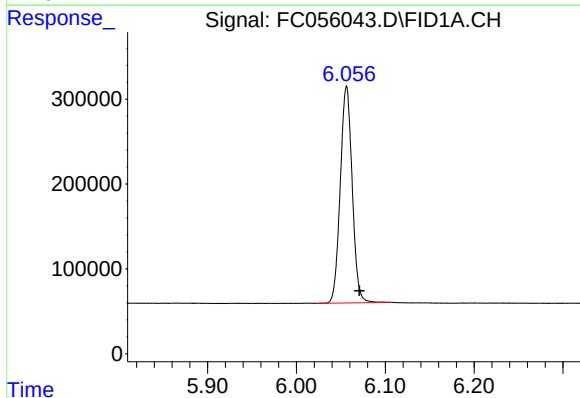
R.T.: 3.394 min
Delta R.T.: -0.012 min
Response: 2179275
Conc: 20.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



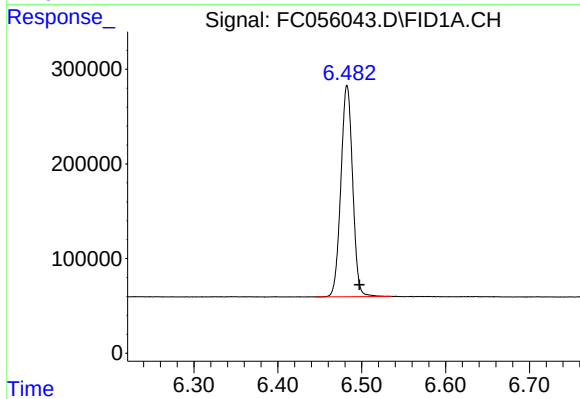
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.014 min
Response: 2201305
Conc: 20.59 ug/ml



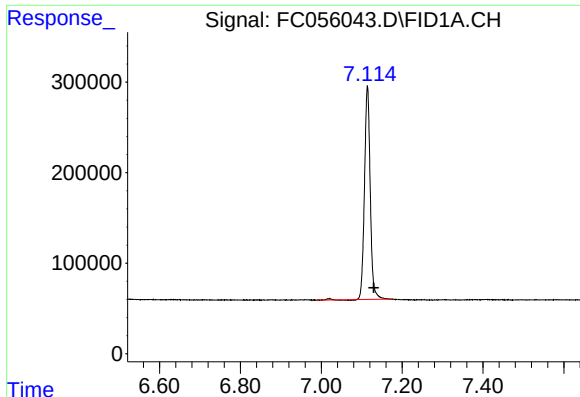
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: -0.015 min
Response: 2379608
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

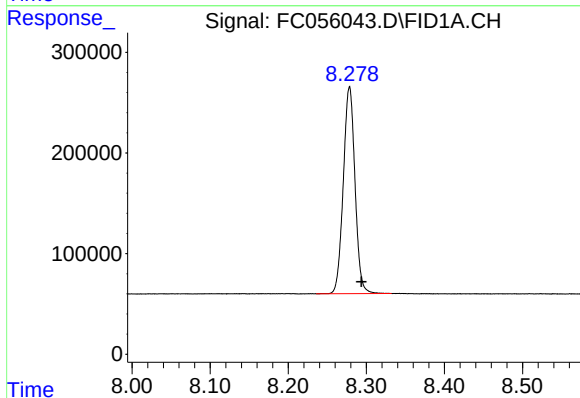
R.T.: 6.483 min
Delta R.T.: -0.015 min
Response: 2175121
Conc: 20.04 ug/ml



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

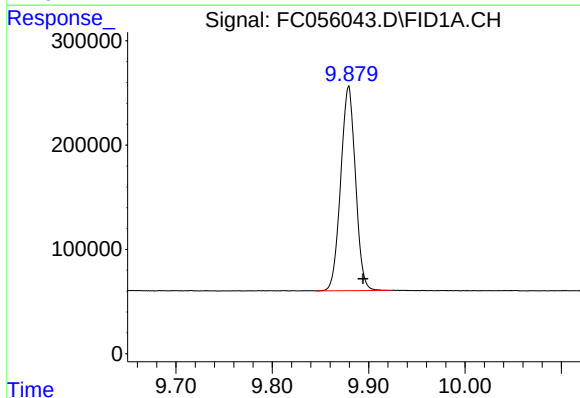
R.T.: 7.114 min
Delta R.T.: -0.016 min
Response: 2329647
Conc: 19.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



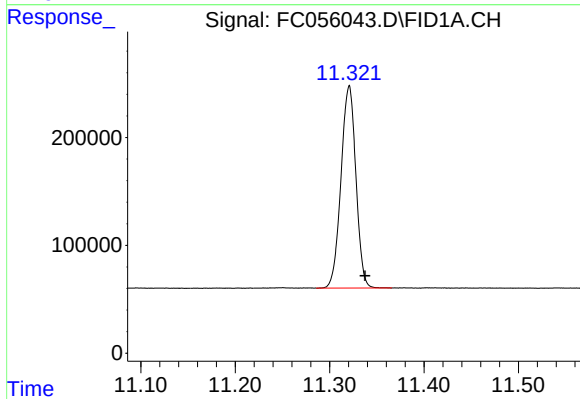
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 2140043
Conc: 19.34 ug/ml



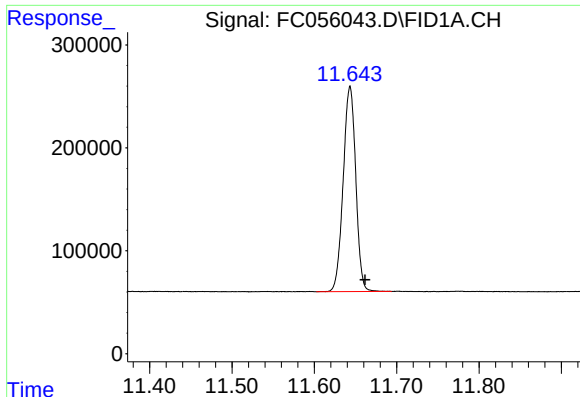
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.015 min
Response: 2079373
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

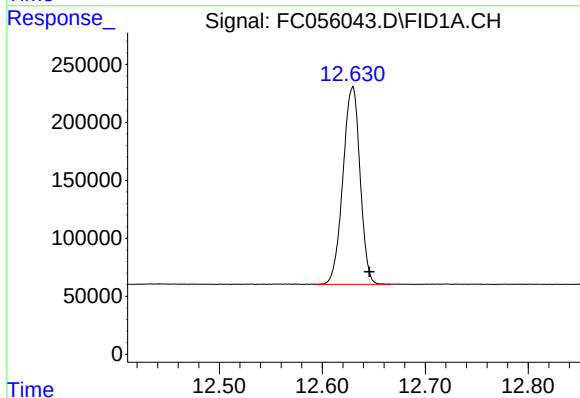
R.T.: 11.320 min
Delta R.T.: -0.017 min
Response: 2055961
Conc: 18.37 ug/ml



#9 ortho-Terphenyl (SURR)

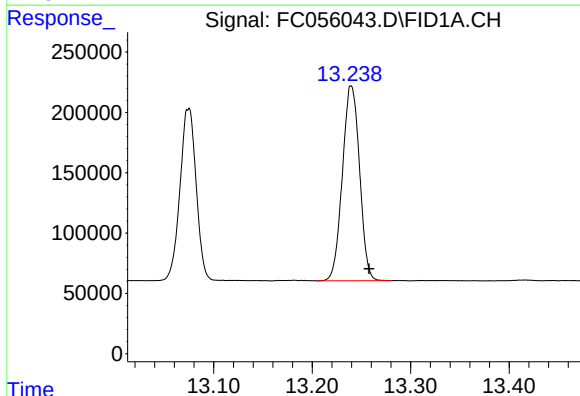
R.T.: 11.643 min
Delta R.T.: -0.018 min
Response: 2114975
Conc: 17.82 ug/ml

Instrument :
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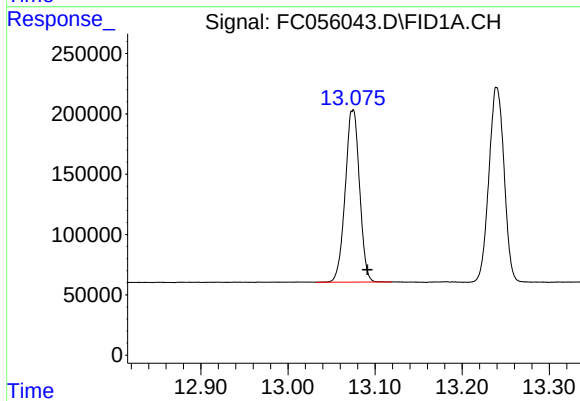
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.017 min
Response: 1968931
Conc: 18.03 ug/ml



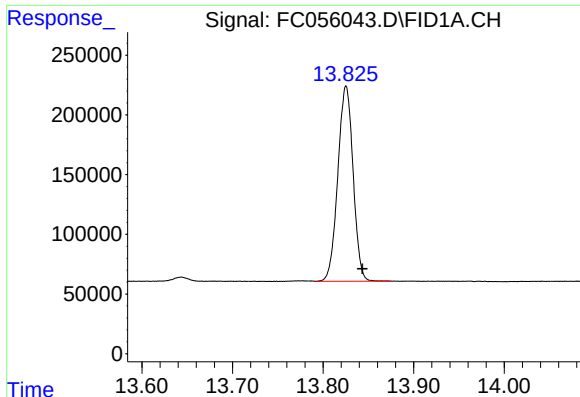
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.018 min
Response: 1954376
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

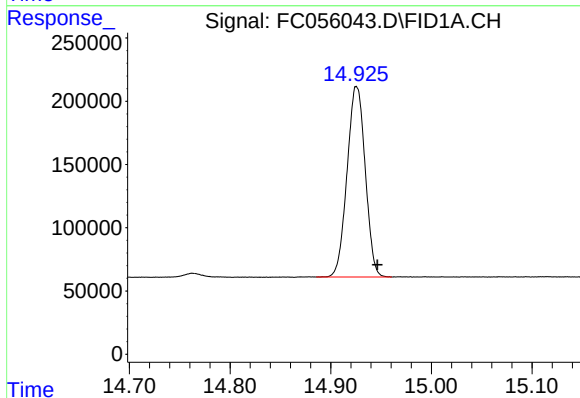
R.T.: 13.074 min
Delta R.T.: -0.017 min
Response: 1631447
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

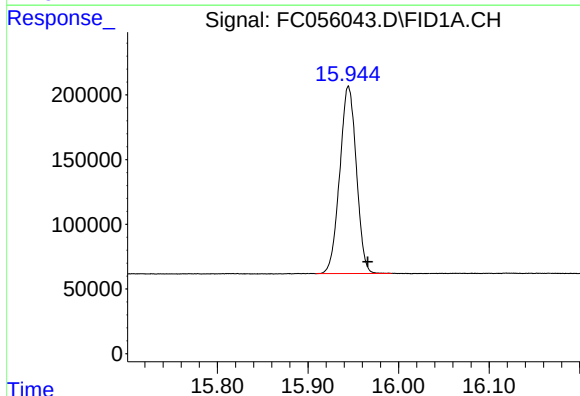
R.T.: 13.825 min
Delta R.T.: -0.018 min
Response: 1915140
Conc: 17.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



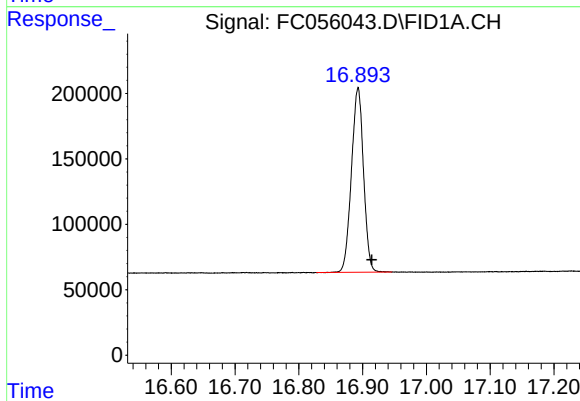
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.021 min
Response: 1888731
Conc: 18.06 ug/ml



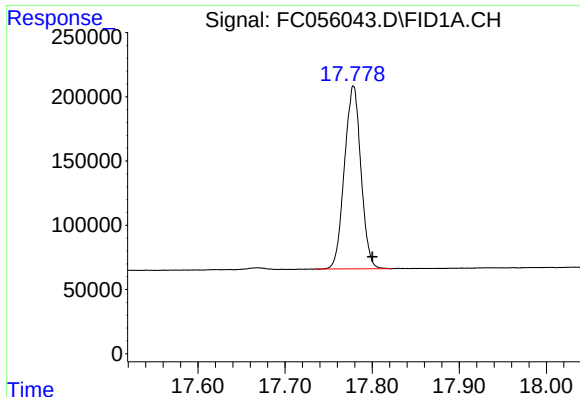
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.021 min
Response: 1845707
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

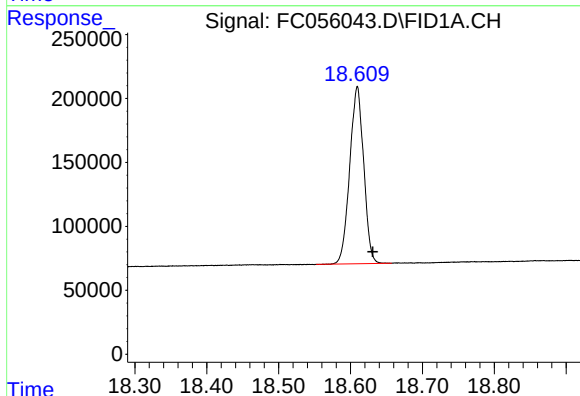
R.T.: 16.893 min
Delta R.T.: -0.022 min
Response: 1856731
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

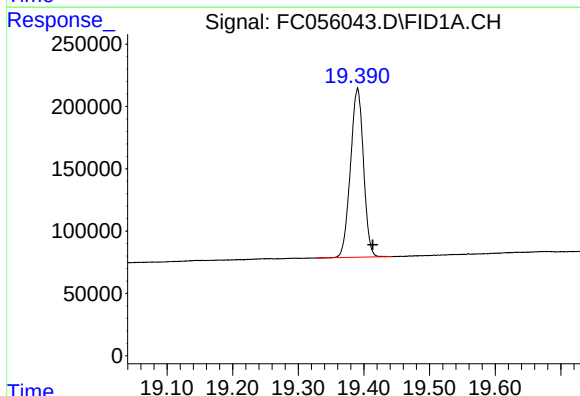
R.T.: 17.778 min
Delta R.T.: -0.022 min
Response: 1873495
Conc: 20.19 ug/ml

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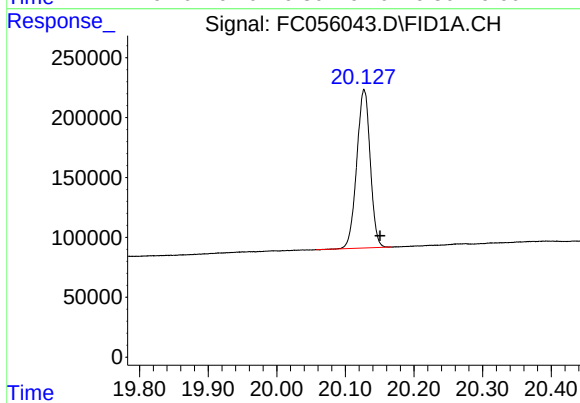
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.022 min
Response: 1868648
Conc: 21.02 ug/ml



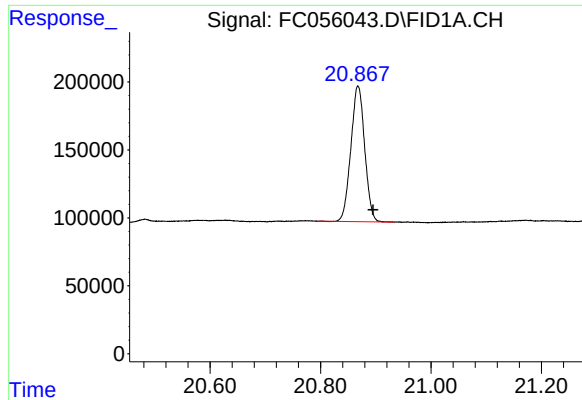
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.023 min
Response: 1869126
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

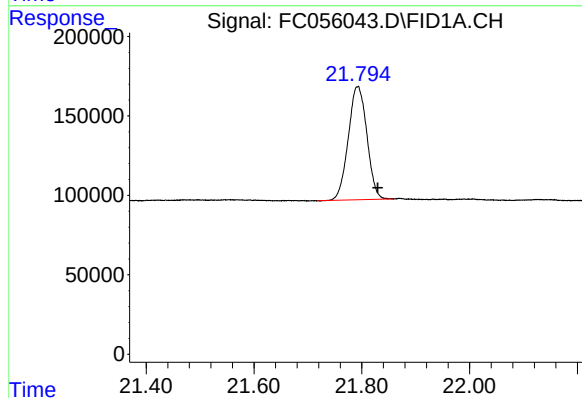
R.T.: 20.127 min
Delta R.T.: -0.023 min
Response: 1806760
Conc: 22.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.027 min
Response: 1733294
Conc: 21.75 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.792 min
Delta R.T.: -0.037 min
Response: 1708902
Conc: 21.32 ug/ml