

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010722AL\
 Data File : FC057772.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2022 14:58
 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: Jan 07 22:30:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.705	3727933	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.142	2823645	19.158 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	2.634	3098491	19.376 ug/ml
2) T n-Decane (C10)	3.624	3154878	19.628 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3587229	19.756 ug/ml
4) T n-Dodecane (C12)	5.596	3196309	19.819 ug/ml
5) T A~2-methylnaphthalene...	6.201	3626812	19.833 ug/ml
6) T n-Tetradecane (C14)	7.377	3286947	19.910 ug/ml
7) T n-Hexadecane (C16)	8.968	3330062	19.936 ug/ml
8) T n-Octadecane (C18)	10.402	3386305	19.678 ug/ml
10) T n-Eicosane (C20)	11.703	3304207	19.301 ug/ml
11) T n-Heneicosane (C21)	12.312	3298690	19.076 ug/ml
13) T n-Docosane (C22)	12.896	3241908	18.739 ug/ml
14) T n-Tetracosane (C24)	13.994	3177209	18.354 ug/ml
15) T n-Hexacosane (C26)	15.010	3012735	17.902 ug/ml
16) T n-Octacosane (C28)	15.958	2957461	18.073 ug/ml
17) T n-Tricontane (C30)	16.843	2930926	18.773 ug/ml
18) T n-Dotriacontane (C32)	17.672	2751975	19.738 ug/ml
19) T n-Tetratriacontane (C34)	18.453	2506222	20.165 ug/ml
20) T n-Hexatriacontane (C36)	19.192	2317198	20.842 ug/ml
21) T n-Octatriacontane (C38)	19.898	2173571	20.837 ug/ml
22) T n-Tetracontane (C40)	20.722	2152748	22.483 ug/ml

(f)=RT Delta > 1/2 Window

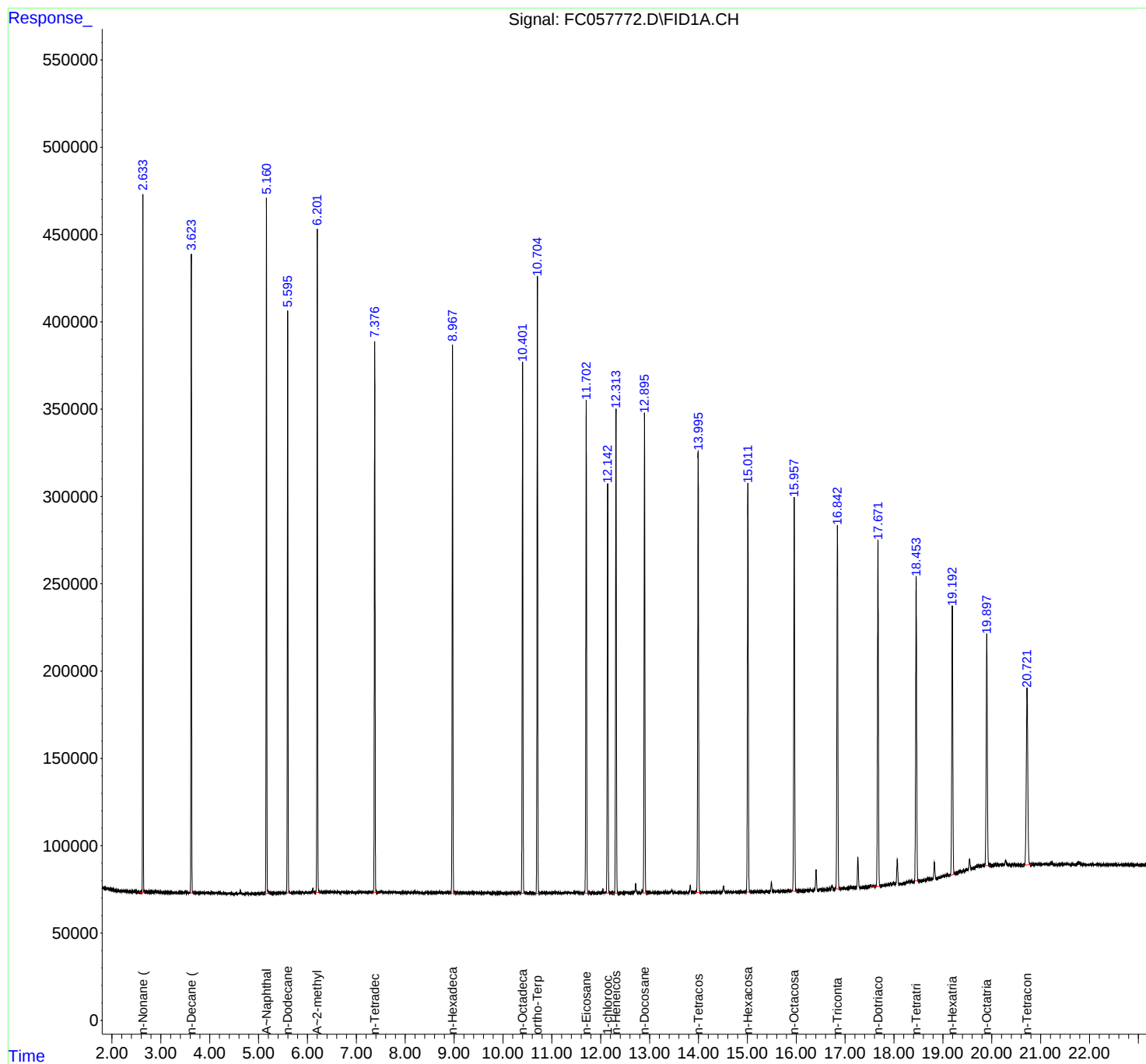
(m)=manual int.

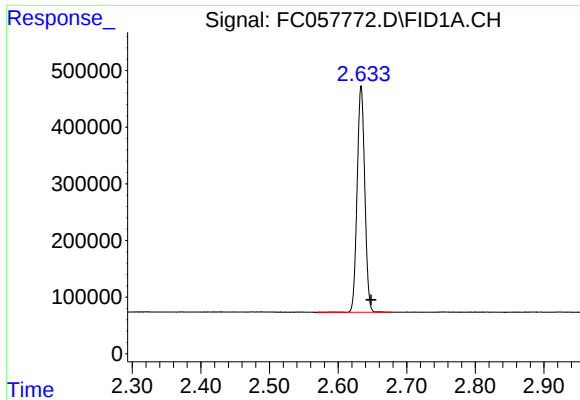
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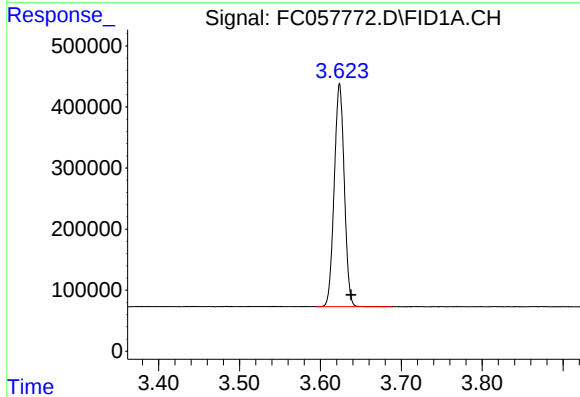




#1 n-Nonane (C9)

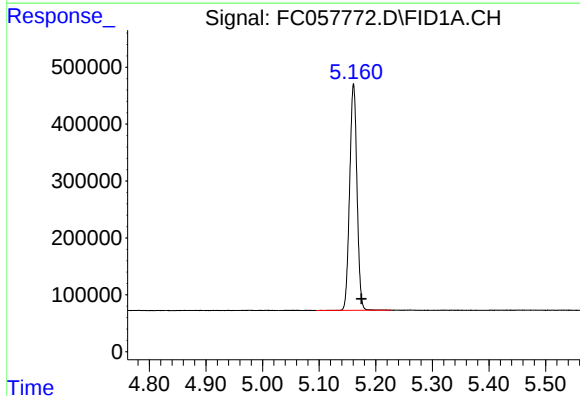
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3098491
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



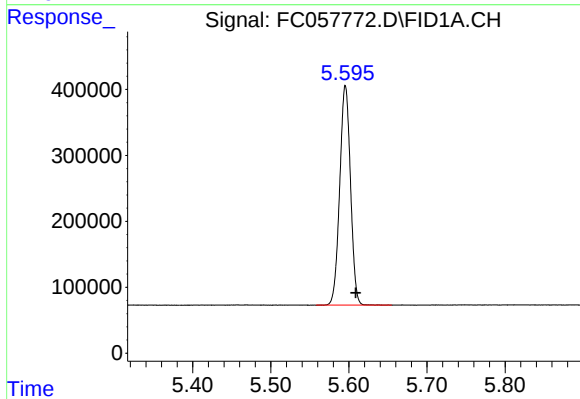
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3154878
Conc: 19.63 ug/ml



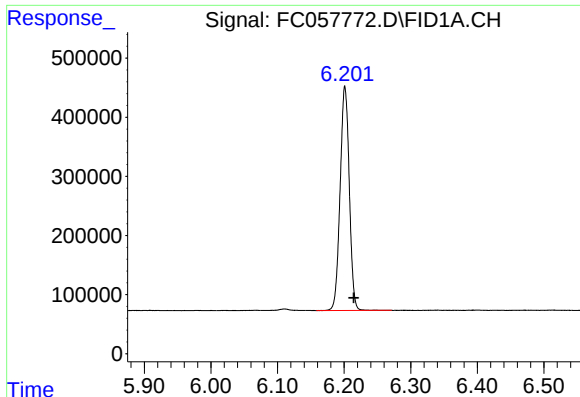
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3587229
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

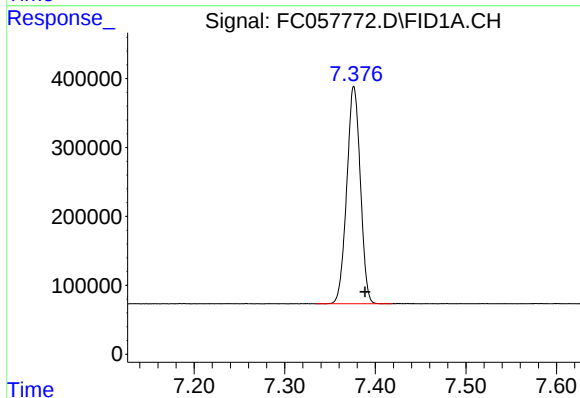
R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3196309
Conc: 19.82 ug/ml



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

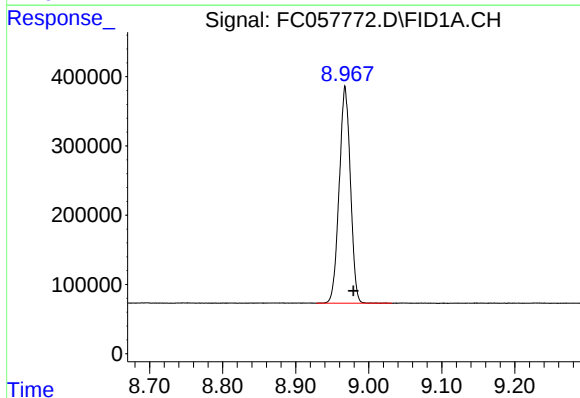
R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 3626812
Conc: 19.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



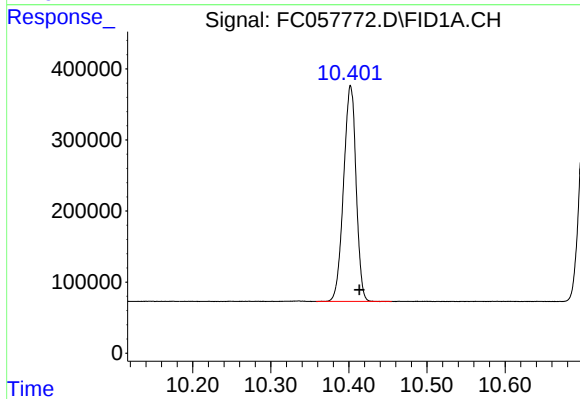
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 3286947
Conc: 19.91 ug/ml



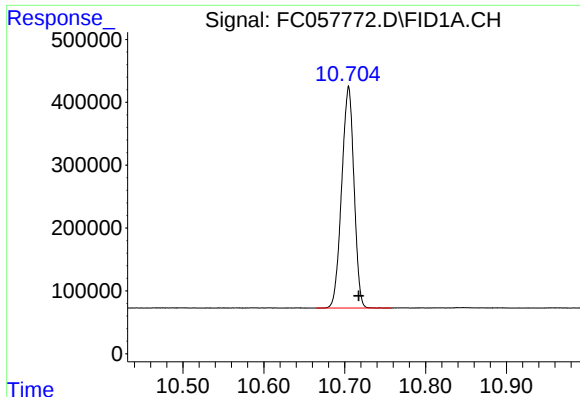
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3330062
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

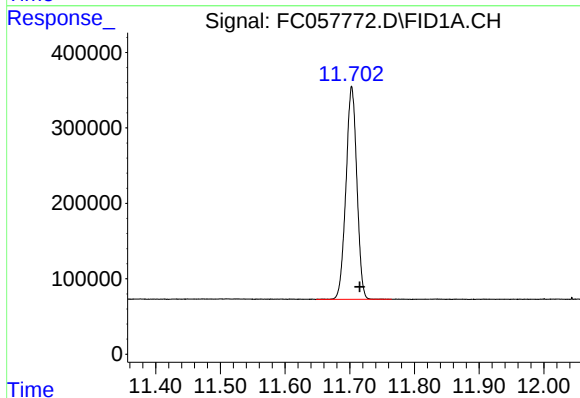
R.T.: 10.402 min
Delta R.T.: -0.011 min
Response: 3386305
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

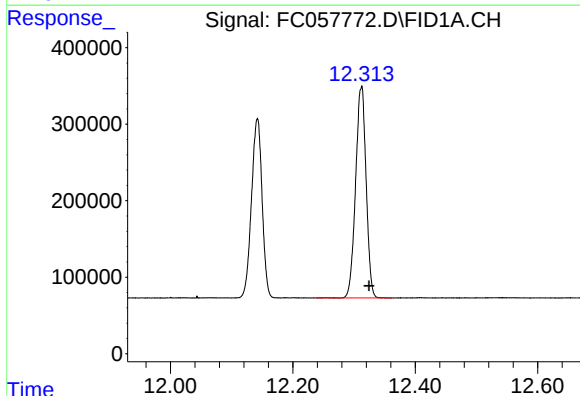
R.T.: 10.705 min
Delta R.T.: -0.013 min
Response: 3727933
Conc: 19.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



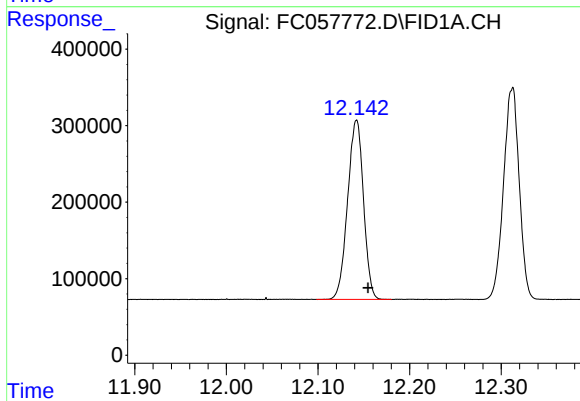
#10 n-Eicosane (C20)

R.T.: 11.703 min
Delta R.T.: -0.012 min
Response: 3304207
Conc: 19.30 ug/ml



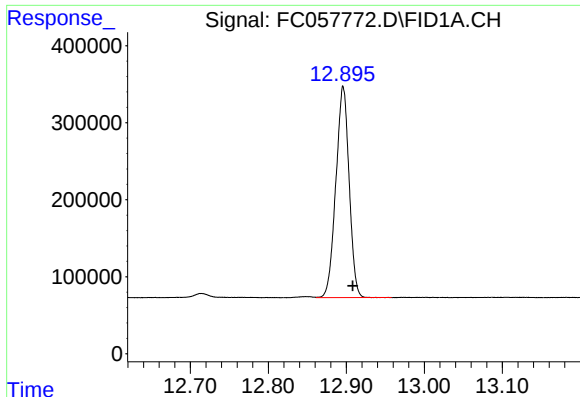
#11 n-Heneicosane (C21)

R.T.: 12.312 min
Delta R.T.: -0.013 min
Response: 3298690
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

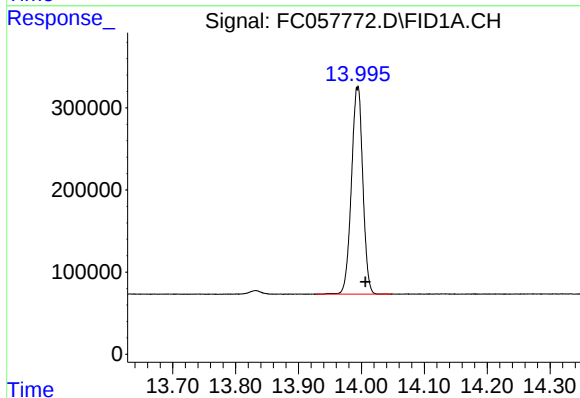
R.T.: 12.142 min
Delta R.T.: -0.013 min
Response: 2823645
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

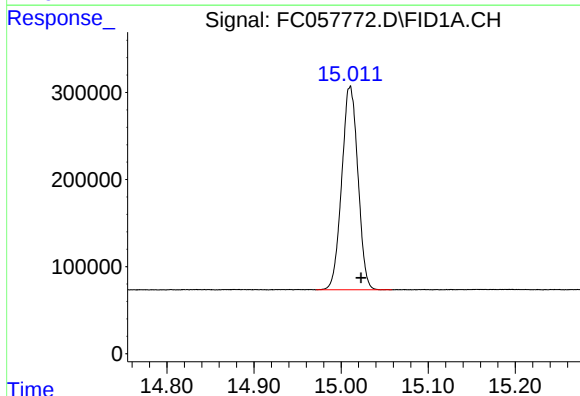
R.T.: 12.896 min
Delta R.T.: -0.012 min
Response: 3241908
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



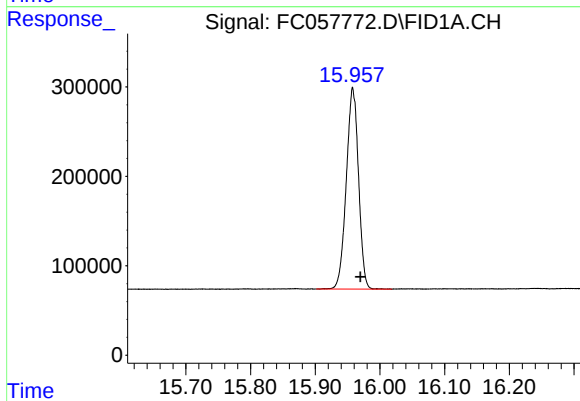
#14 n-Tetracosane (C24)

R.T.: 13.994 min
Delta R.T.: -0.013 min
Response: 3177209
Conc: 18.35 ug/ml



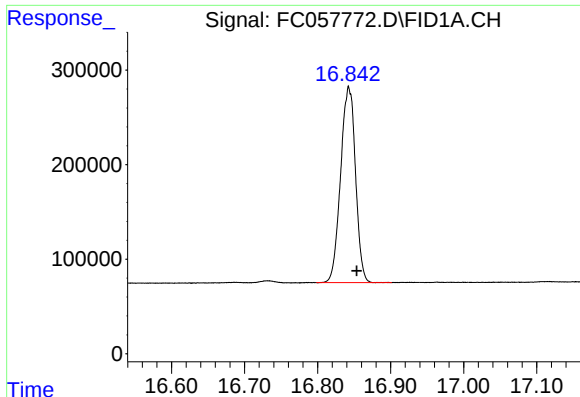
#15 n-Hexacosane (C26)

R.T.: 15.010 min
Delta R.T.: -0.013 min
Response: 3012735
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

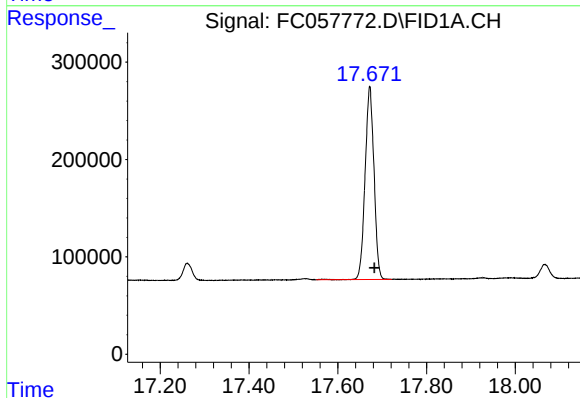
R.T.: 15.958 min
Delta R.T.: -0.011 min
Response: 2957461
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

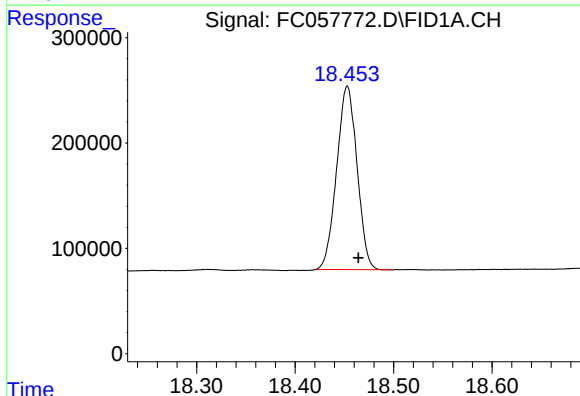
R.T.: 16.843 min
Delta R.T.: -0.011 min
Response: 2930926
Conc: 18.77 ug/ml

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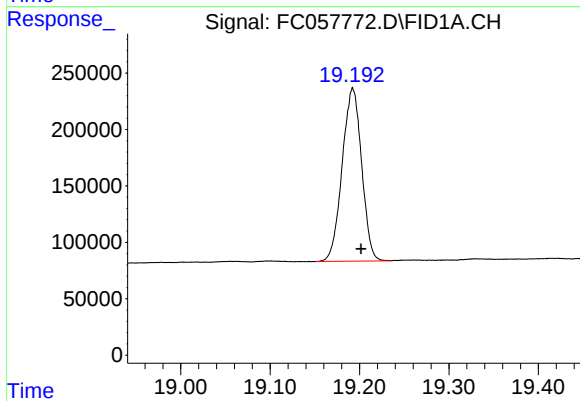
#18 n-Dotriacontane (C32)

R.T.: 17.672 min
Delta R.T.: -0.011 min
Response: 2751975
Conc: 19.74 ug/ml



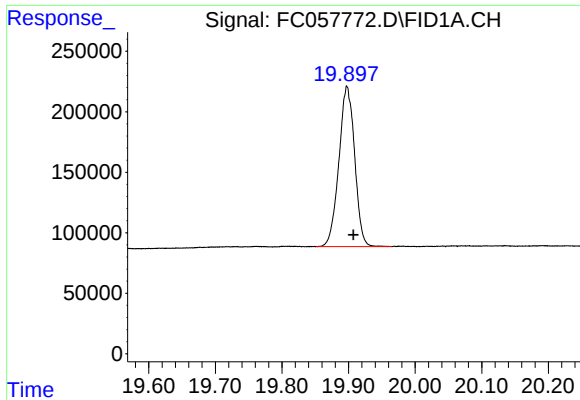
#19 n-Tetratriacontane (C34)

R.T.: 18.453 min
Delta R.T.: -0.011 min
Response: 2506222
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

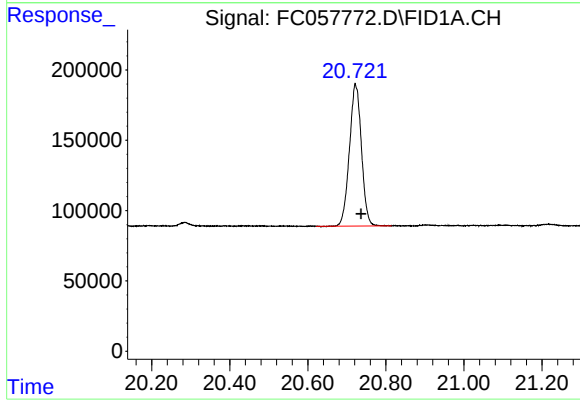
R.T.: 19.192 min
Delta R.T.: -0.009 min
Response: 2317198
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: -0.010 min
Response: 2173571
Conc: 20.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 2152748
Conc: 22.48 ug/ml