

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
 Data File : FC059177.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2022 11:32
 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: Apr 13 02:10:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.101	2925417	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.548	2260784	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	2.962	2645431	21.587 ug/ml
2) T n-Decane (C10)	4.004	2657133	21.683 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2677743	21.327 ug/ml
4) T n-Dodecane (C12)	6.003	2754437	21.565 ug/ml
5) T A~2-methylnaphthalene...	6.602	2686572	20.956 ug/ml
6) T n-Tetradecane (C14)	7.785	2763672	21.255 ug/ml
7) T n-Hexadecane (C16)	9.376	2752731	20.730 ug/ml
8) T n-Octadecane (C18)	10.810	2745701	20.651 ug/ml
10) T n-Eicosane (C20)	12.111	2663269	20.327 ug/ml
11) T n-Heneicosane (C21)	12.720	2653313	20.335 ug/ml
13) T n-Docosane (C22)	13.303	2616380	20.197 ug/ml
14) T n-Tetracosane (C24)	14.401	2557778	20.248 ug/ml
15) T n-Hexacosane (C26)	15.417	2477386	20.509 ug/ml
16) T n-Octacosane (C28)	16.362	2461853	20.791 ug/ml
17) T n-Tricontane (C30)	17.246	2437524	21.367 ug/ml
18) T n-Dotriacontane (C32)	18.075	2337293	21.817 ug/ml
19) T n-Tetratriacontane (C34)	18.855	2222596	21.998 ug/ml
20) T n-Hexatriacontane (C36)	19.592	2087438	21.847 ug/ml
21) T n-Octatriacontane (C38)	20.290	2004852	21.787 ug/ml
22) T n-Tetracontane (C40)	21.033	1993184	21.446 ug/ml

(f)=RT Delta > 1/2 Window

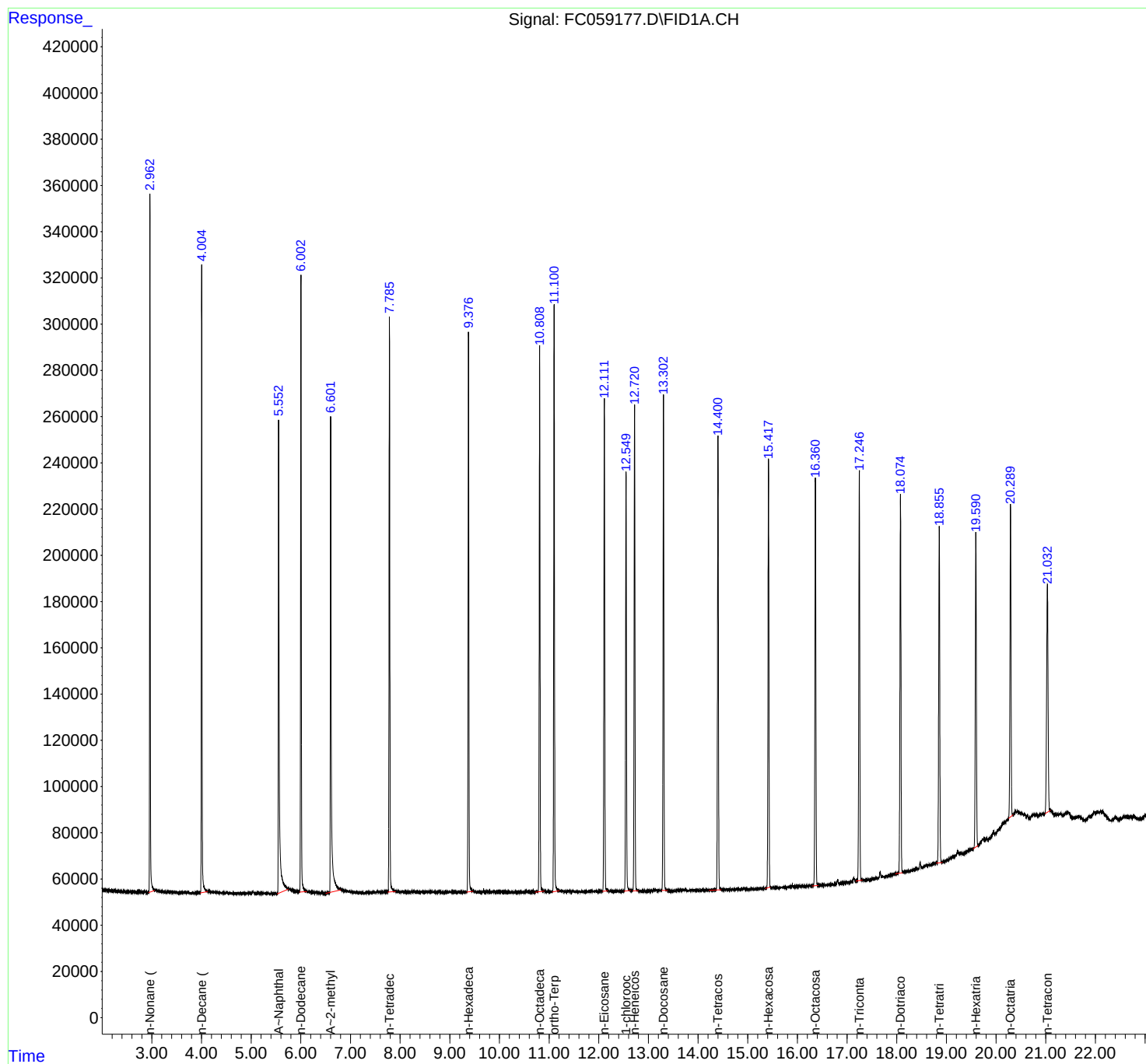
(m)=manual int.

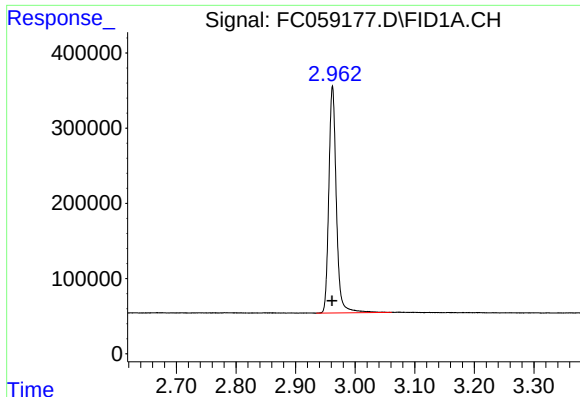
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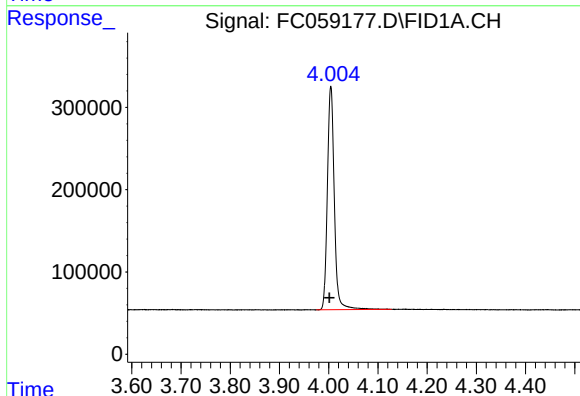




#1 n-Nonane (C9)

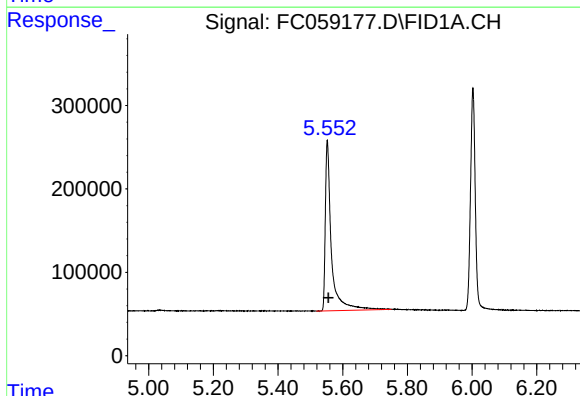
R.T.: 2.962 min
Delta R.T.: 0.001 min
Response: 2645431
Conc: 21.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



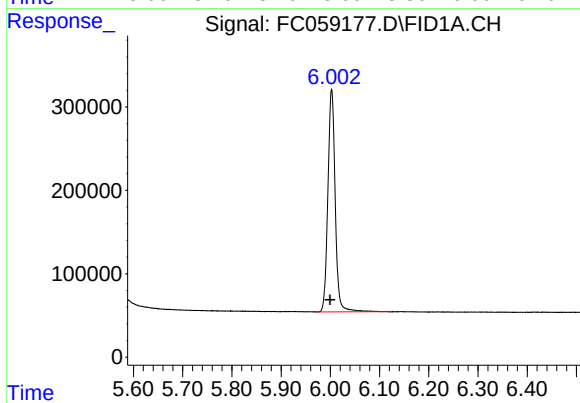
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: 0.003 min
Response: 2657133
Conc: 21.68 ug/ml



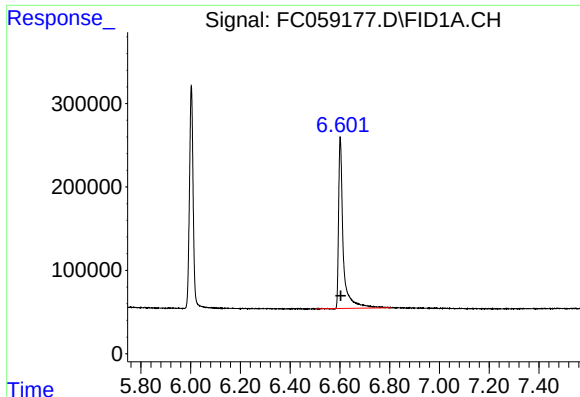
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 2677743
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

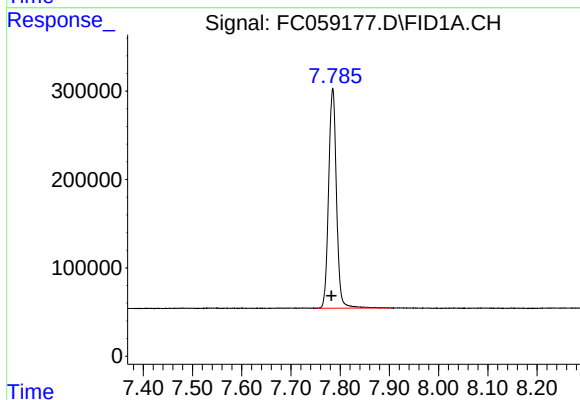
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2754437
Conc: 21.56 ug/ml



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

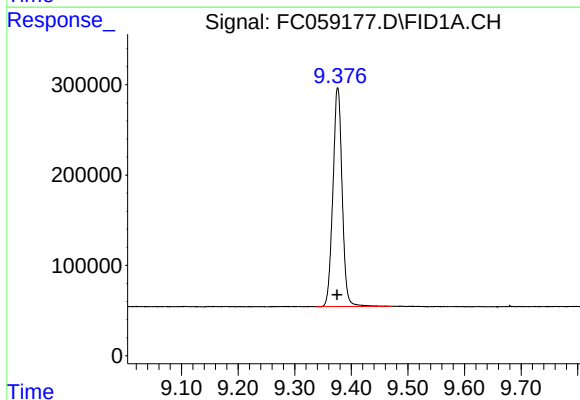
R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 2686572
Conc: 20.96 ug/ml

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20 PPM ALIPHATIC HC STD



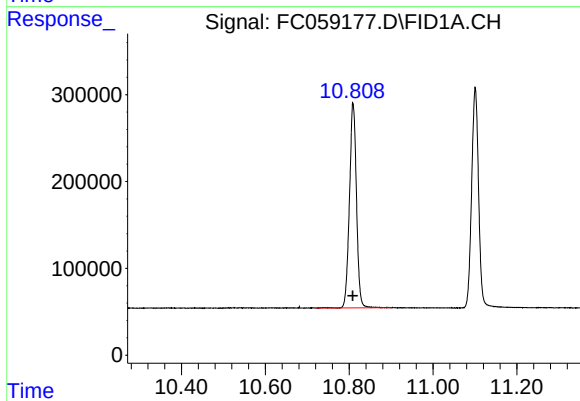
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.002 min
Response: 2763672
Conc: 21.26 ug/ml



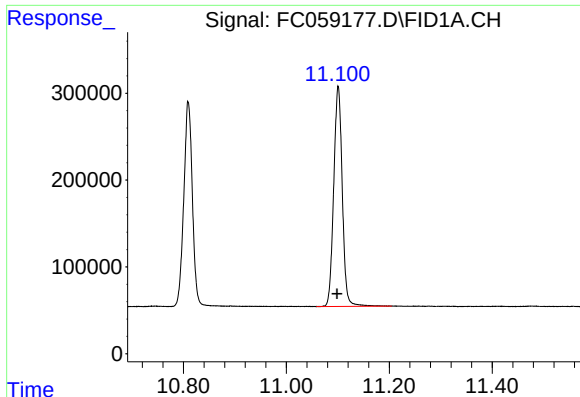
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 2752731
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

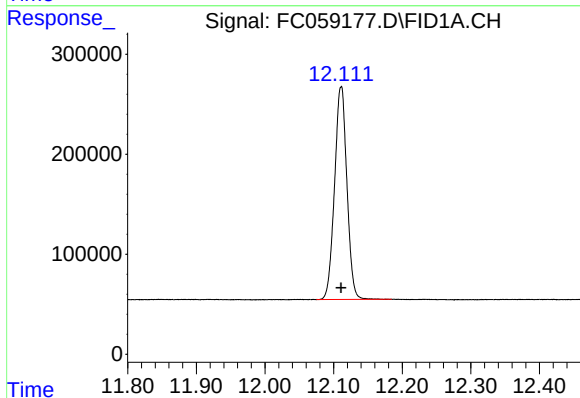
R.T.: 10.810 min
Delta R.T.: 0.000 min
Response: 2745701
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

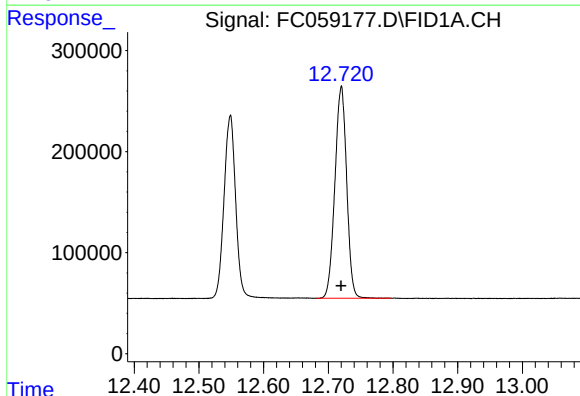
R.T.: 11.101 min
Delta R.T.: 0.002 min
Response: 2925417
Conc: 20.30 ug/ml

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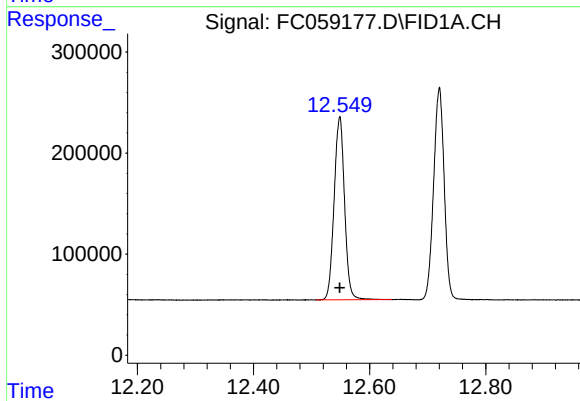
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2663269
Conc: 20.33 ug/ml



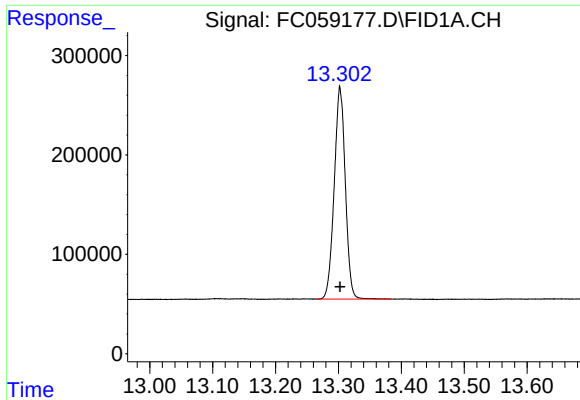
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2653313
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

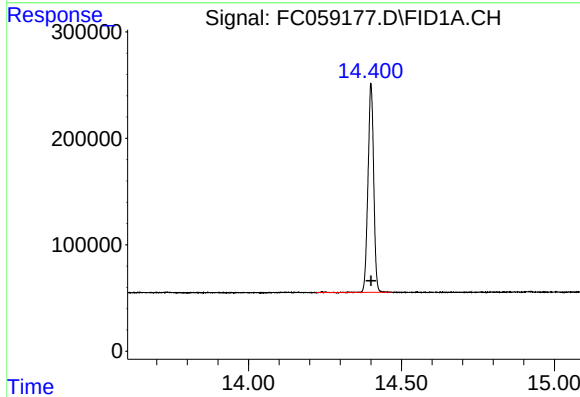
R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2260784
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

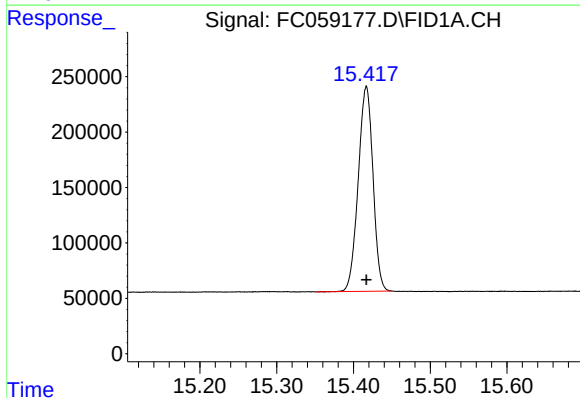
R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2616380
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



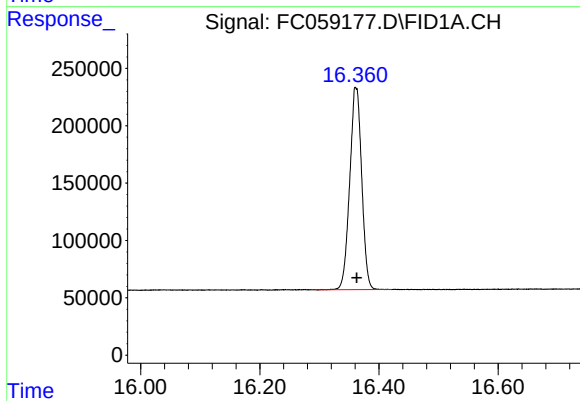
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2557778
Conc: 20.25 ug/ml



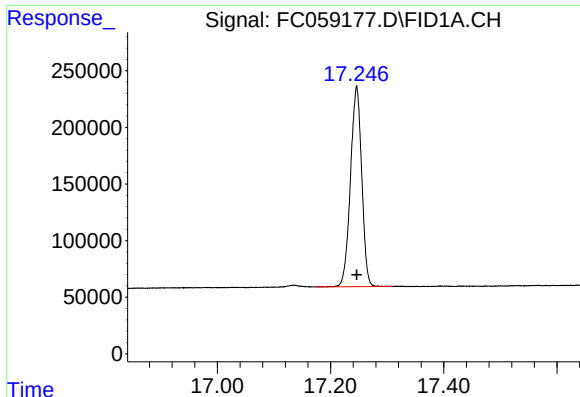
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2477386
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

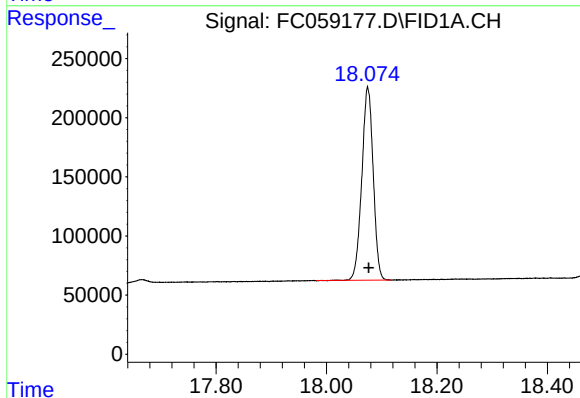
R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2461853
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

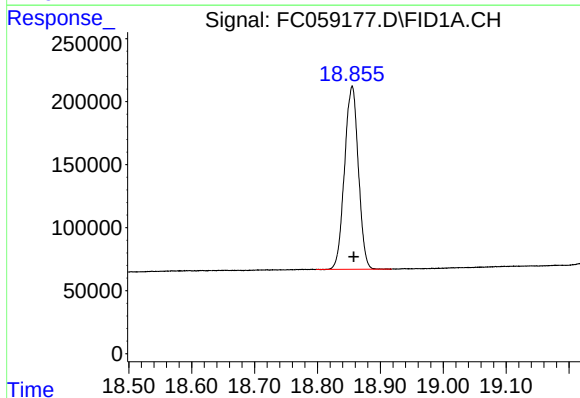
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2437524
Conc: 21.37 ug/ml

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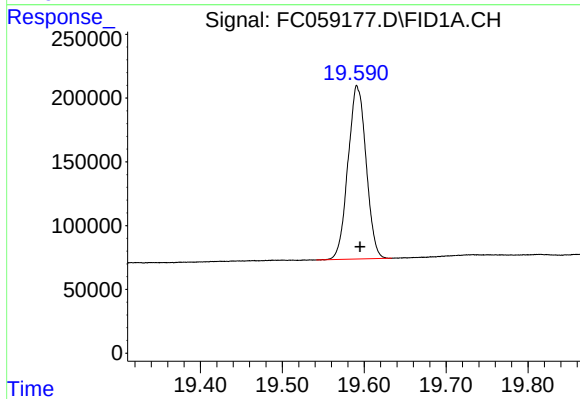
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 2337293
Conc: 21.82 ug/ml



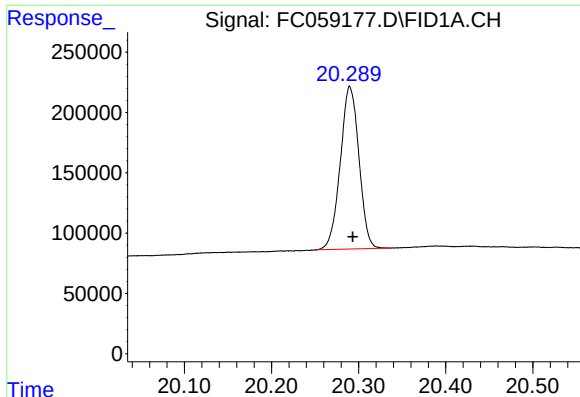
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: -0.003 min
Response: 2222596
Conc: 22.00 ug/ml



#20 n-Hexatriacontane (C36)

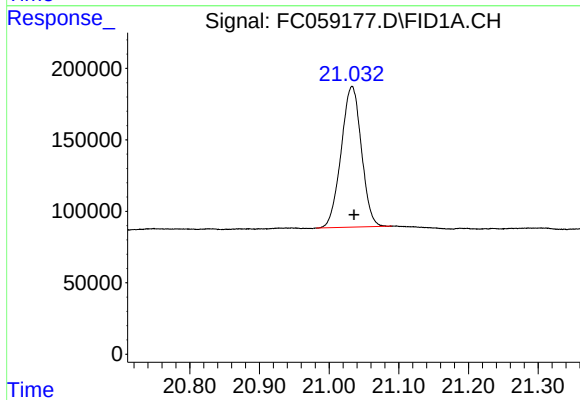
R.T.: 19.592 min
Delta R.T.: -0.003 min
Response: 2087438
Conc: 21.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 2004852
Conc: 21.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.033 min
Delta R.T.: -0.003 min
Response: 1993184
Conc: 21.45 ug/ml