

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC059967.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2022 9:46
 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: sample.E
 Quant Time: May 30 01:26:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.652	3324995	21.366 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
12) S 1-chlorooctadecane (S...	12.023	2637193	21.270 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
Target Compounds			
1) T n-Nonane (C9)	2.623	2759272	21.559 ug/ml
2) T n-Decane (C10)	3.623	2760172	21.575 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3145132	21.760 ug/ml
4) T n-Dodecane (C12)	5.578	2882066	21.620 ug/ml
5) T A~2-methylnaphthalene...	6.186	3220771	21.945 ug/ml
6) T n-Tetradecane (C14)	7.332	2958979	21.675 ug/ml
7) T n-Hexadecane (C16)	8.897	3020025	21.524 ug/ml
8) T n-Octadecane (C18)	10.307	3072516	21.470 ug/ml
10) T n-Eicosane (C20)	11.587	3036489	21.283 ug/ml
11) T n-Heneicosane (C21)	12.186	3028516	21.128 ug/ml
13) T n-Docosane (C22)	12.760	3010832	21.129 ug/ml
14) T n-Tetracosane (C24)	13.838	2934071	20.908 ug/ml
15) T n-Hexacosane (C26)	14.837	2809243	20.745 ug/ml
16) T n-Octacosane (C28)	15.764	2681345	20.588 ug/ml
17) T n-Tricontane (C30)	16.633	2533360	20.693 ug/ml
18) T n-Dotriacontane (C32)	17.446	2336139	20.953 ug/ml
19) T n-Tetratriacontane (C34)	18.212	2159565	21.173 ug/ml
20) T n-Hexatriacontane (C36)	18.934	2025535	21.389 ug/ml
21) T n-Octatriacontane (C38)	19.619	1971150	21.365 ug/ml
22) T n-Tetracontane (C40)	20.267	2018587	21.455 ug/ml

(f)=RT Delta > 1/2 Window

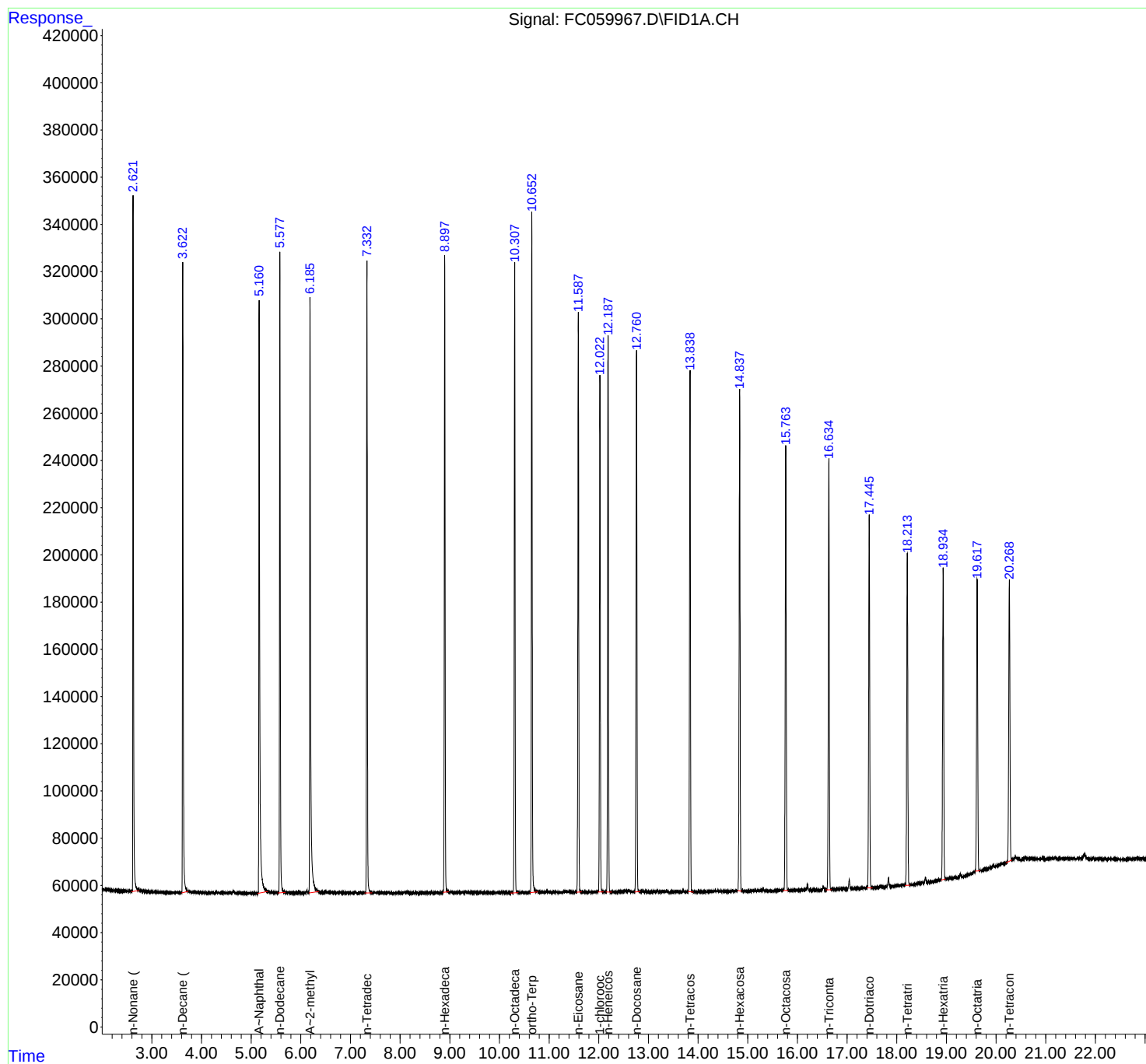
(m)=manual int.

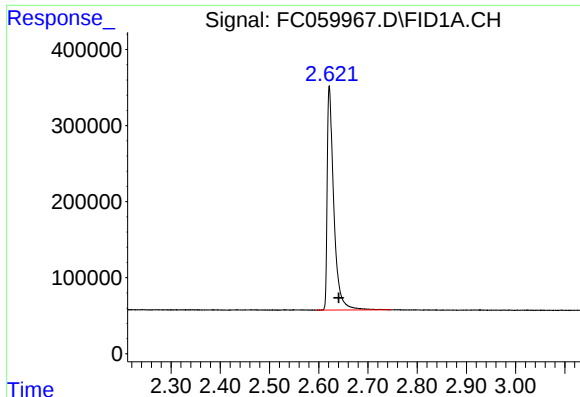
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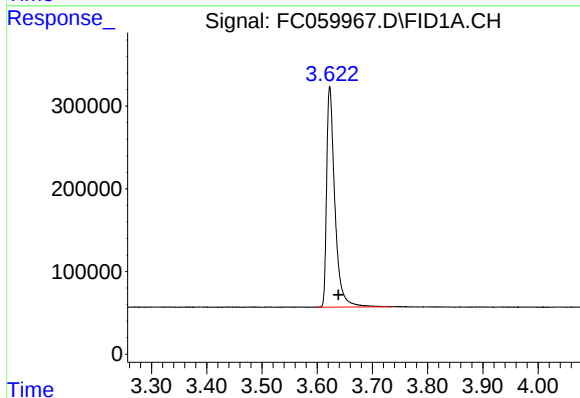




#1 n-Nonane (C9)

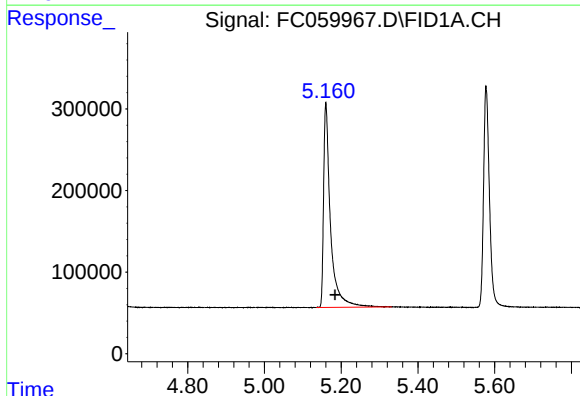
R.T.: 2.623 min
Delta R.T.: -0.018 min
Response: 2759272
Conc: 21.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



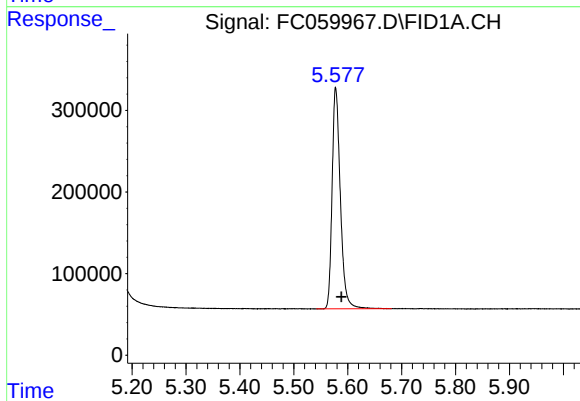
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 2760172
Conc: 21.58 ug/ml



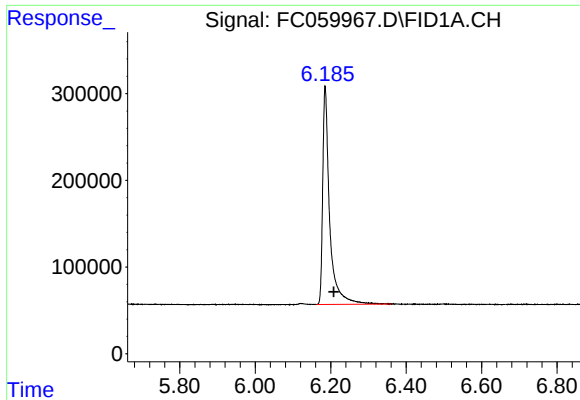
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 3145132
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

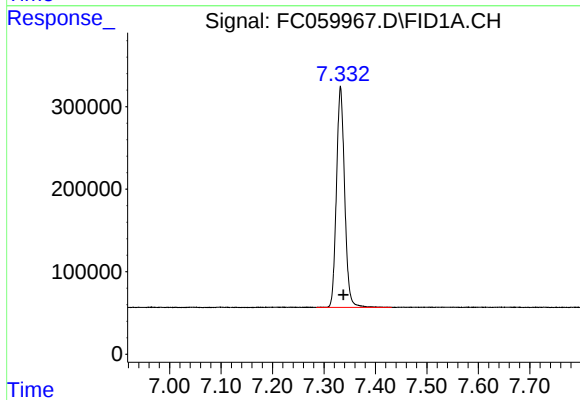
R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 2882066
Conc: 21.62 ug/ml



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

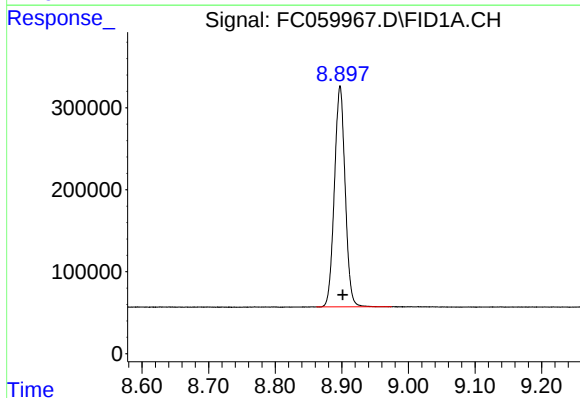
R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 3220771
Conc: 21.94 ug/ml

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20 PPM ALIPHATIC HC STD



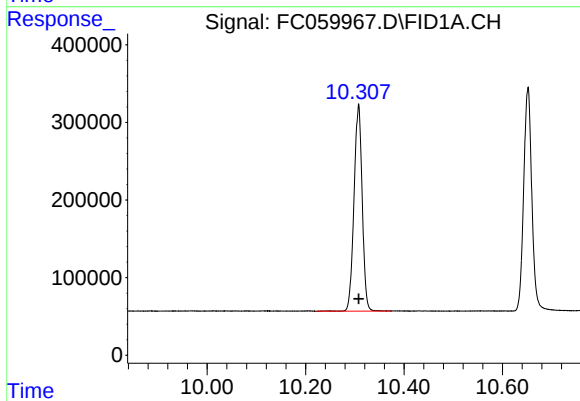
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 2958979
Conc: 21.68 ug/ml



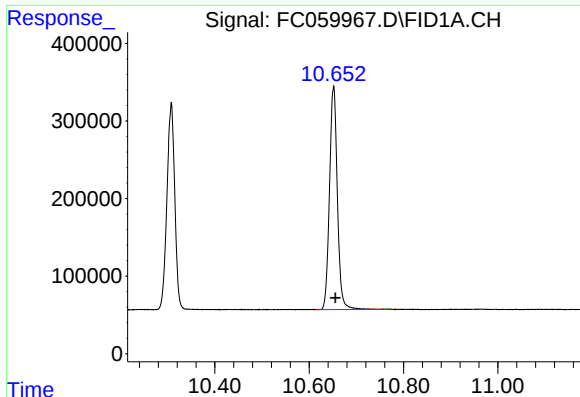
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 3020025
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

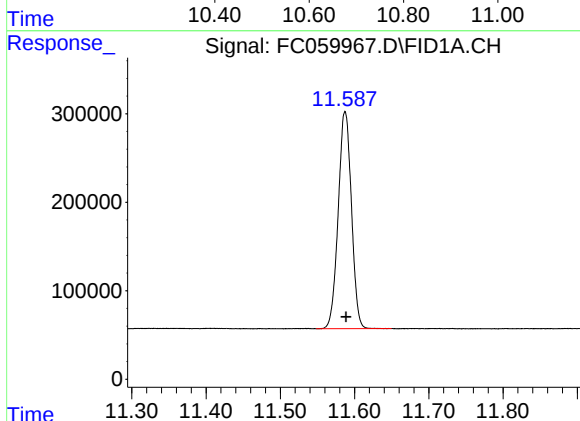
R.T.: 10.307 min
Delta R.T.: 0.000 min
Response: 3072516
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

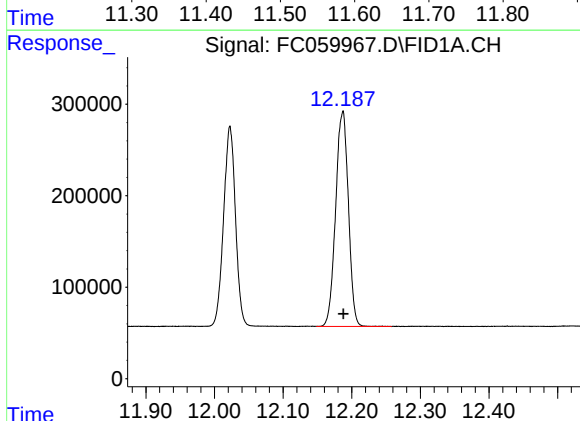
R.T.: 10.652 min
Delta R.T.: -0.004 min
Response: 3324995
Conc: 21.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



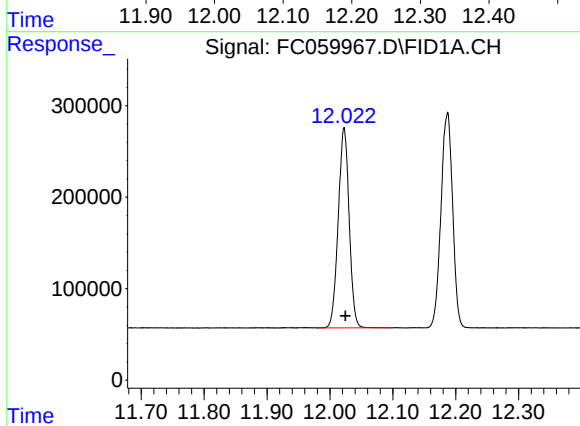
#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.001 min
Response: 3036489
Conc: 21.28 ug/ml



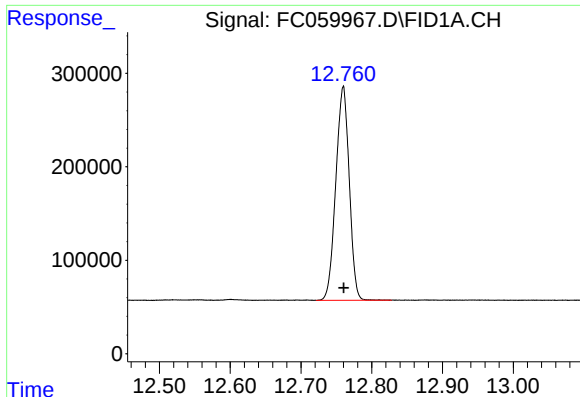
#11 n-Heneicosane (C21)

R.T.: 12.186 min
Delta R.T.: -0.001 min
Response: 3028516
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

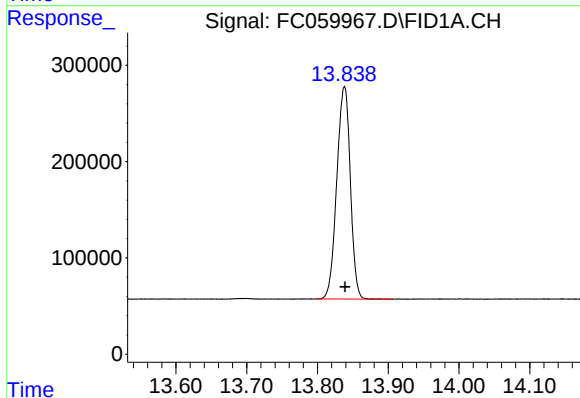
R.T.: 12.023 min
Delta R.T.: -0.002 min
Response: 2637193
Conc: 21.27 ug/ml



#13 n-Docosane (C22)

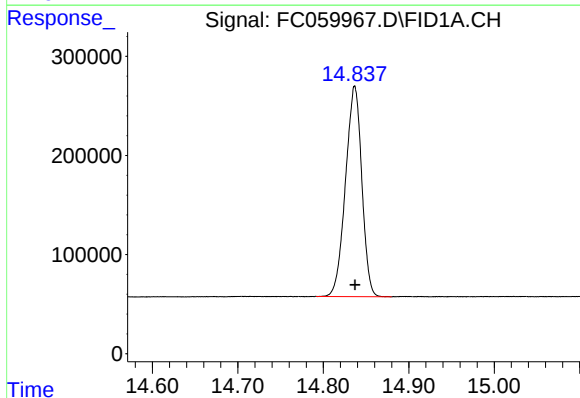
R.T.: 12.760 min
Delta R.T.: -0.001 min
Response: 3010832
Conc: 21.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



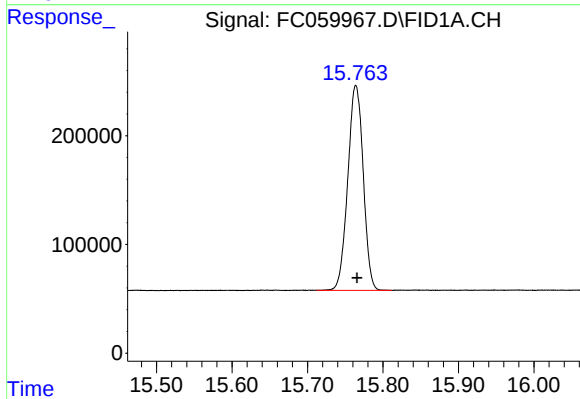
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: -0.001 min
Response: 2934071
Conc: 20.91 ug/ml



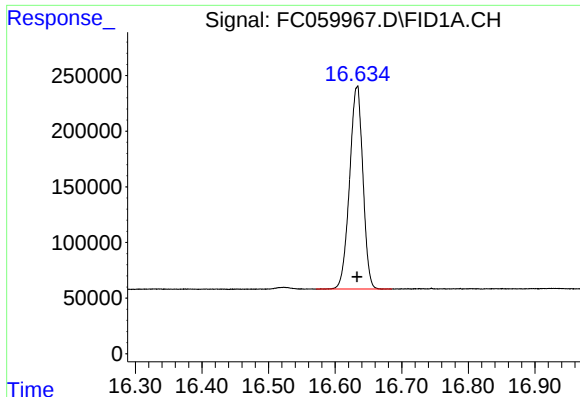
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 2809243
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

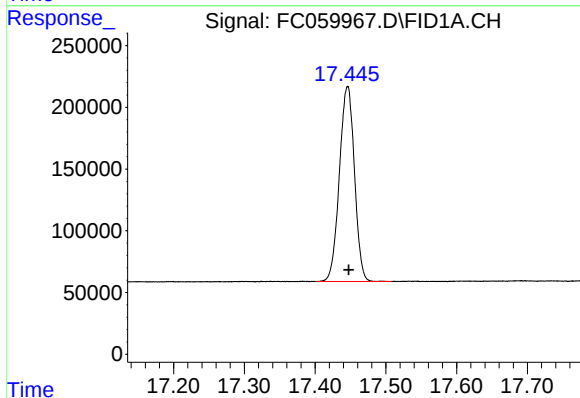
R.T.: 15.764 min
Delta R.T.: -0.002 min
Response: 2681345
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

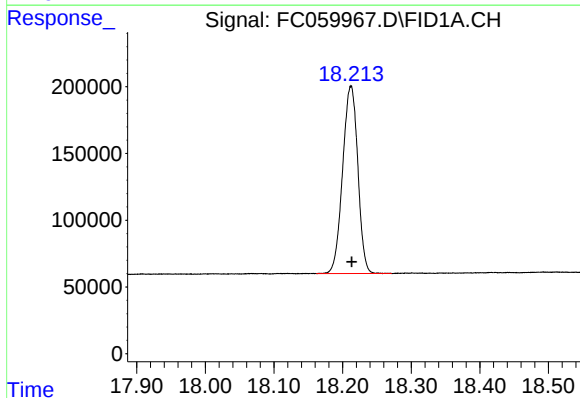
R.T.: 16.633 min
Delta R.T.: 0.000 min
Response: 2533360
Conc: 20.69 ug/ml

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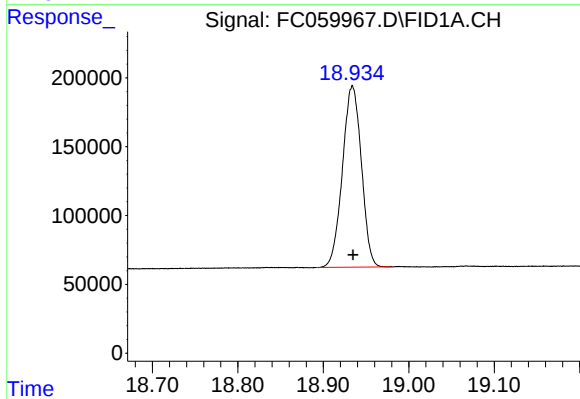
#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.002 min
Response: 2336139
Conc: 20.95 ug/ml



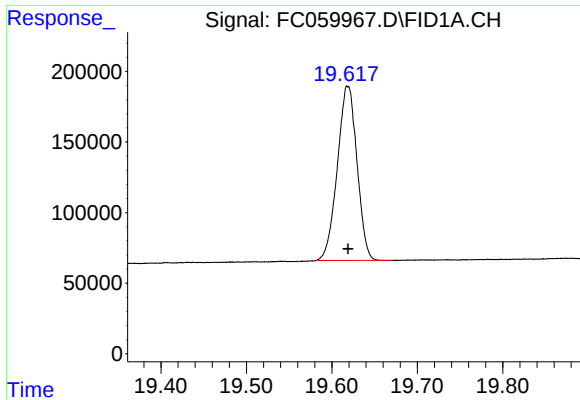
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.001 min
Response: 2159565
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

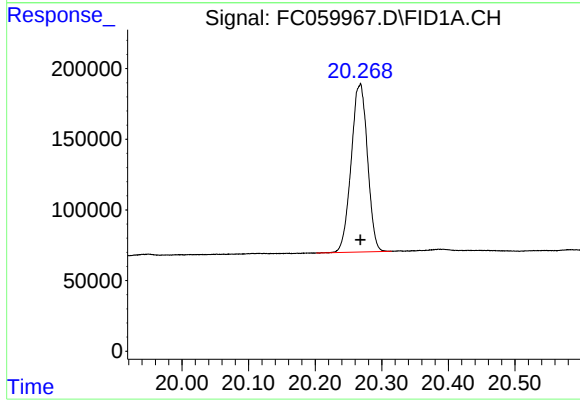
R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 2025535
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 1971150
Conc: 21.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.267 min
Delta R.T.: -0.001 min
Response: 2018587
Conc: 21.45 ug/ml