

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059622.D
 Signal(s) : FID1A.CH
 Acq On : 09 May 2022 10:41
 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 09 14:24:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.683	3166124	21.561 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	12.051	2478928	21.541 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
1) T n-Nonane (C9)	2.651	2720282	21.302 ug/ml
2) T n-Decane (C10)	3.653	2767033	21.848 ug/ml
3) T A~Naphthalene (C11.7)	5.194	3183264	21.619 ug/ml
4) T n-Dodecane (C12)	5.609	2869488	21.820 ug/ml
5) T A~2-methylnaphthalene...	6.219	3262691	21.705 ug/ml
6) T n-Tetradecane (C14)	7.361	2925124	21.739 ug/ml
7) T n-Hexadecane (C16)	8.925	2981162	21.726 ug/ml
8) T n-Octadecane (C18)	10.335	2999762	21.768 ug/ml
10) T n-Eicosane (C20)	11.614	2908637	21.626 ug/ml
11) T n-Heneicosane (C21)	12.213	2881554	21.600 ug/ml
13) T n-Docosane (C22)	12.786	2831312	21.573 ug/ml
14) T n-Tetracosane (C24)	13.865	2708090	21.523 ug/ml
15) T n-Hexacosane (C26)	14.863	2573881	21.551 ug/ml
16) T n-Octacosane (C28)	15.790	2485053	21.828 ug/ml
17) T n-Tricontane (C30)	16.657	2419687	22.012 ug/ml
18) T n-Dotriacontane (C32)	17.471	2300799	22.255 ug/ml
19) T n-Tetratriacontane (C34)	18.236	2142590	21.946 ug/ml
20) T n-Hexatriacontane (C36)	18.959	2049648	22.079 ug/ml
21) T n-Octatriacontane (C38)	19.642	2001694	21.028 ug/ml
22) T n-Tetracontane (C40)	20.292	2044866	21.601 ug/ml

(f)=RT Delta > 1/2 Window

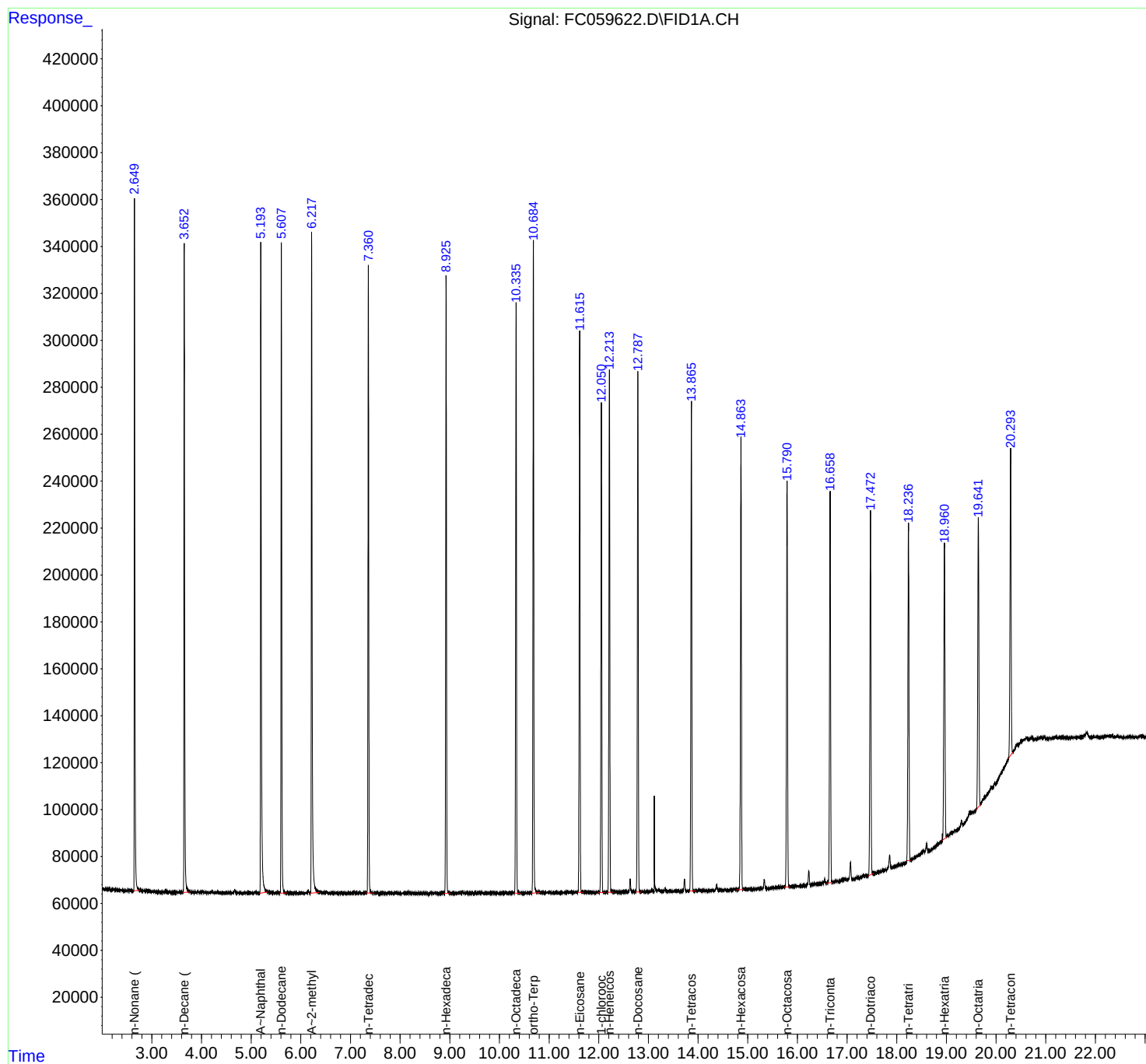
(m)=manual int.

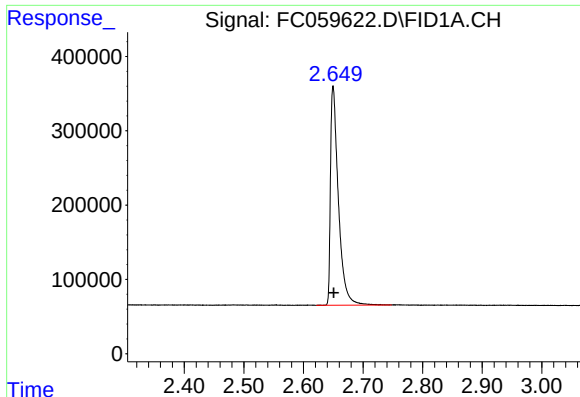
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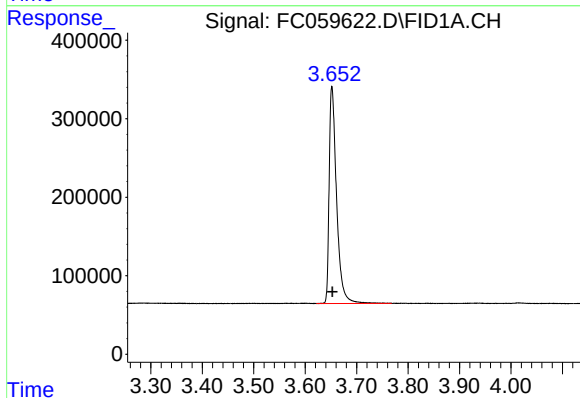




#1 n-Nonane (C9)

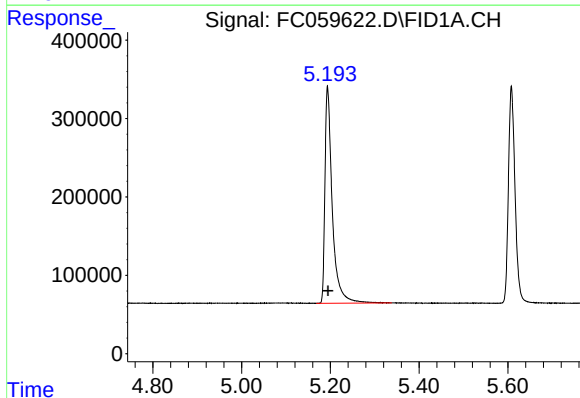
R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 2720282
Conc: 21.30 ug/ml

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20 PPM ALIPHATIC HC STD



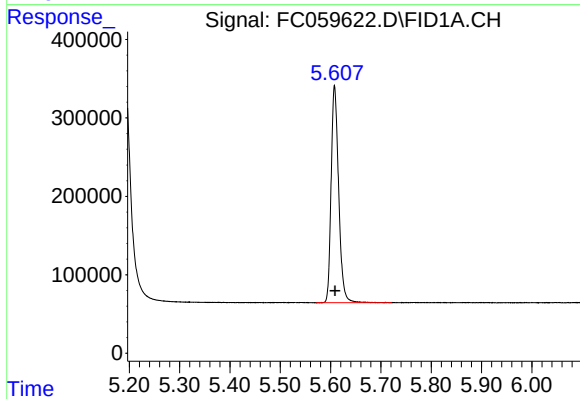
#2 n-Decane (C10)

R.T.: 3.653 min
Delta R.T.: 0.000 min
Response: 2767033
Conc: 21.85 ug/ml



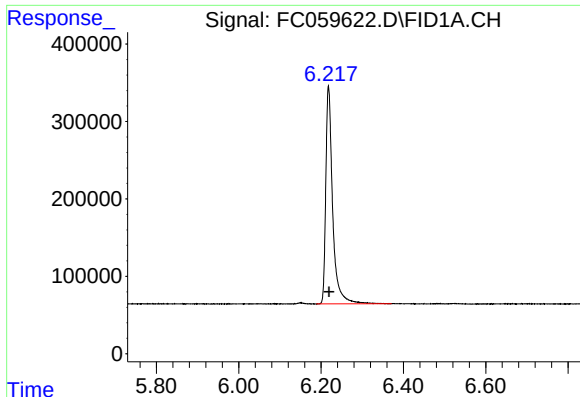
#3 A~Naphthalene (C11.7)

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 3183264
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

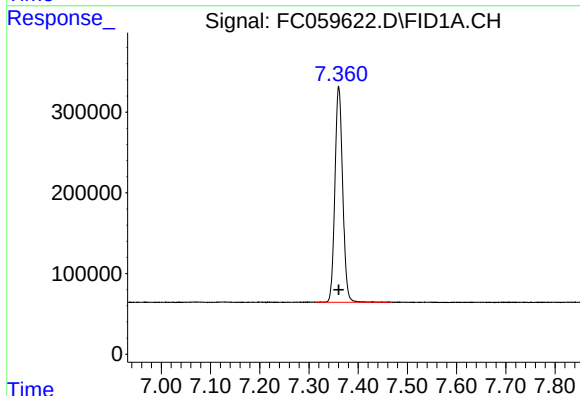
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 2869488
Conc: 21.82 ug/ml



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

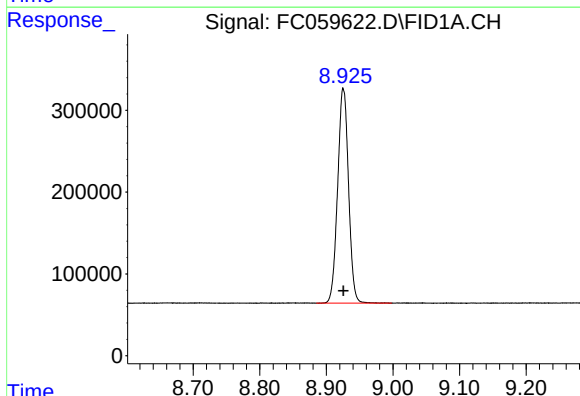
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 3262691
Conc: 21.71 ug/ml

Instrument :
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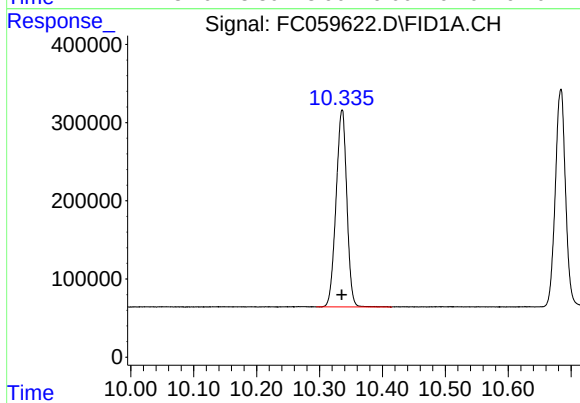
#6 n-Tetradecane (C14)

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 2925124
Conc: 21.74 ug/ml



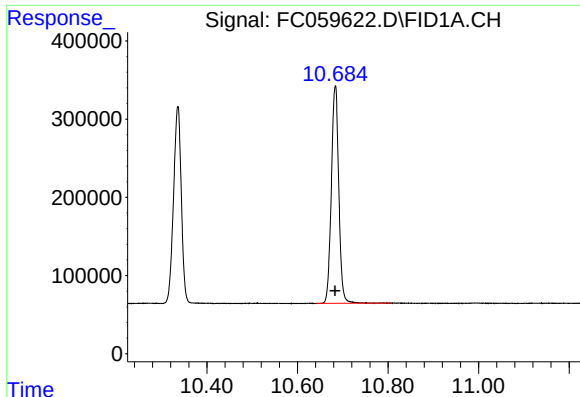
#7 n-Hexadecane (C16)

R.T.: 8.925 min
Delta R.T.: 0.000 min
Response: 2981162
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

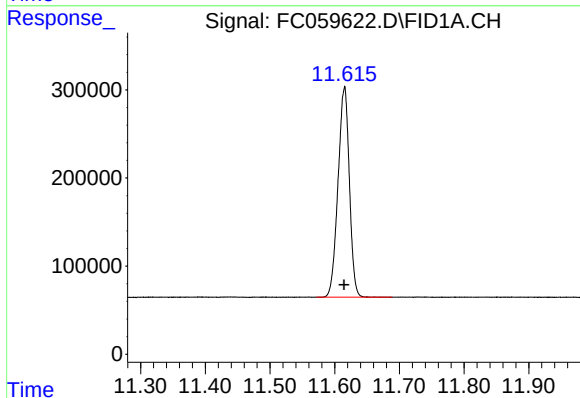
R.T.: 10.335 min
Delta R.T.: 0.000 min
Response: 2999762
Conc: 21.77 ug/ml



#9 ortho-Terphenyl (SURR)

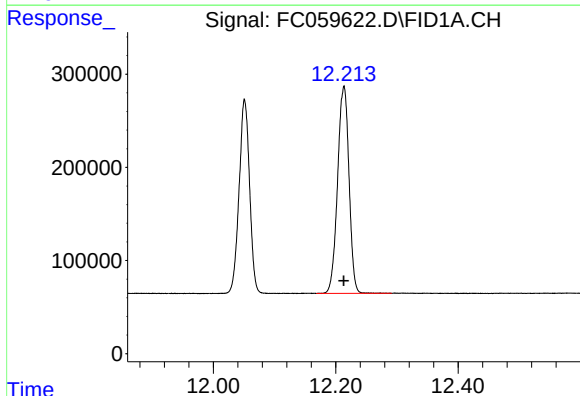
R.T.: 10.683 min
Delta R.T.: 0.000 min
Response: 3166124
Conc: 21.56 ug/ml

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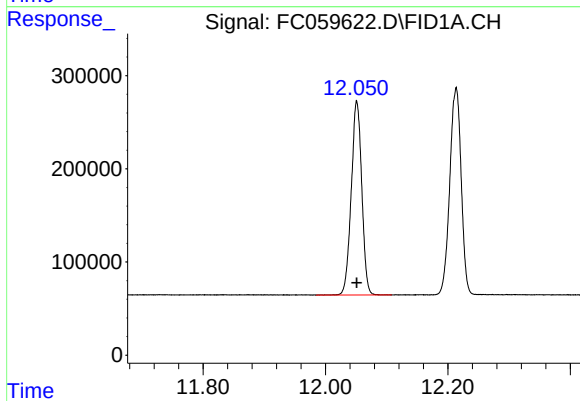
#10 n-Eicosane (C20)

R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 2908637
Conc: 21.63 ug/ml



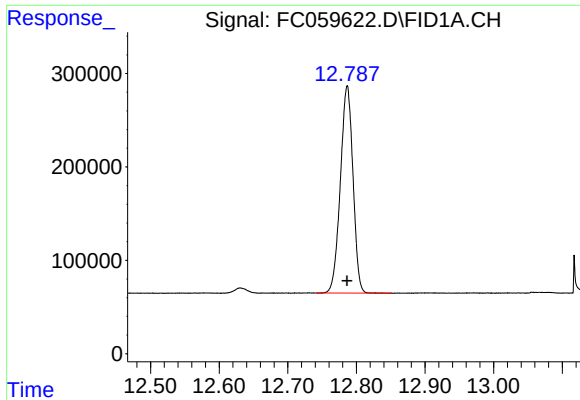
#11 n-Heneicosane (C21)

R.T.: 12.213 min
Delta R.T.: 0.000 min
Response: 2881554
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

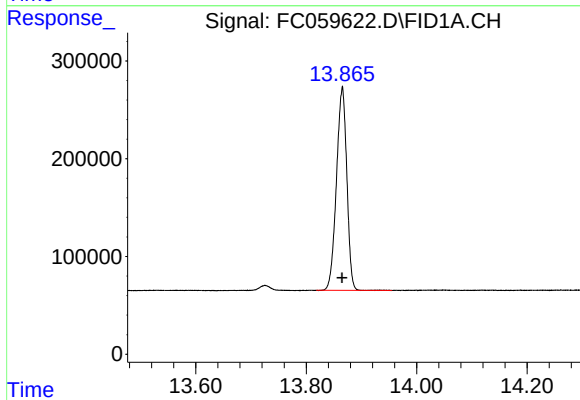
R.T.: 12.051 min
Delta R.T.: 0.000 min
Response: 2478928
Conc: 21.54 ug/ml



#13 n-Docosane (C22)

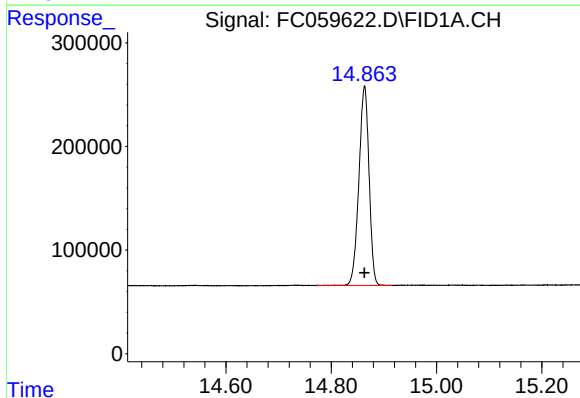
R.T.: 12.786 min
Delta R.T.: 0.000 min
Response: 2831312
Conc: 21.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



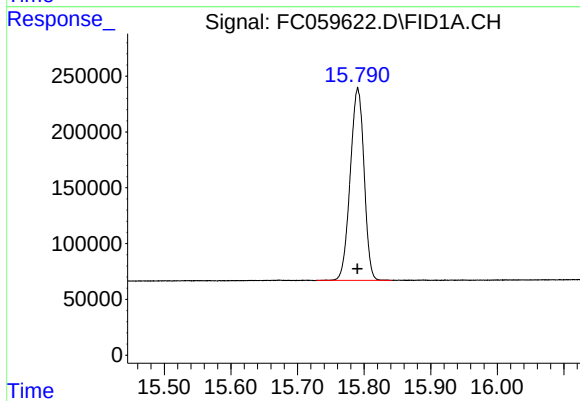
#14 n-Tetracosane (C24)

R.T.: 13.865 min
Delta R.T.: 0.000 min
Response: 2708090
Conc: 21.52 ug/ml



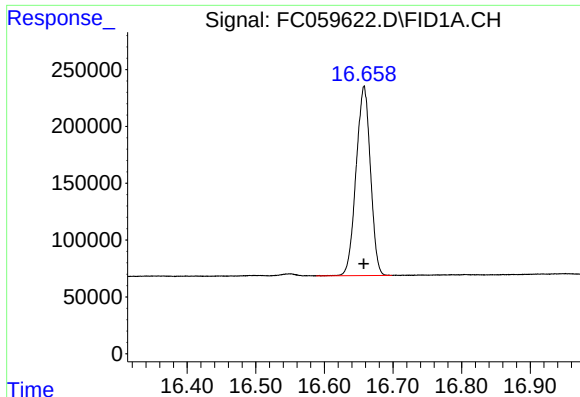
#15 n-Hexacosane (C26)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 2573881
Conc: 21.55 ug/ml



#16 n-Octacosane (C28)

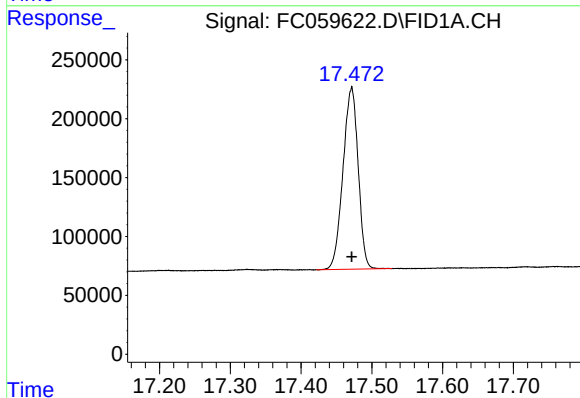
R.T.: 15.790 min
Delta R.T.: 0.000 min
Response: 2485053
Conc: 21.83 ug/ml



#17 n-Tricontane (C30)

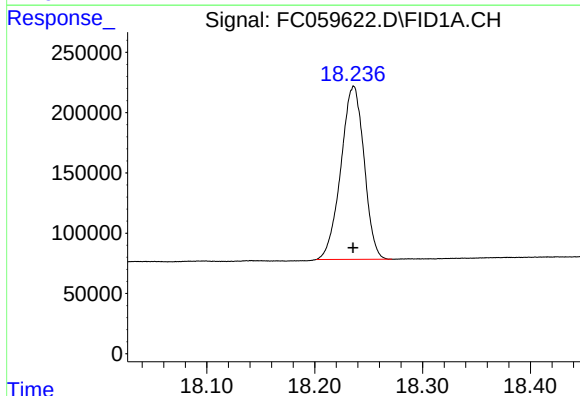
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 2419687
Conc: 22.01 ug/ml

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20 PPM ALIPHATIC HC STD



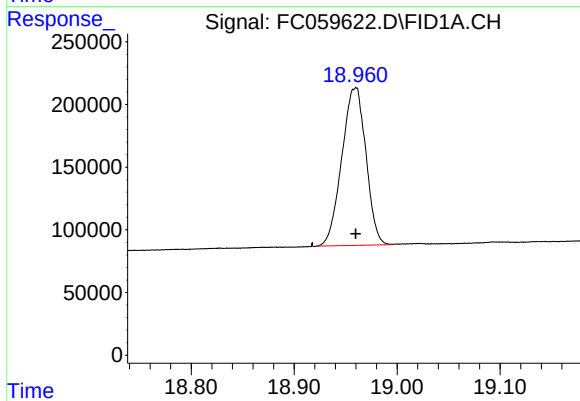
#18 n-Dotriacontane (C32)

R.T.: 17.471 min
Delta R.T.: 0.000 min
Response: 2300799
Conc: 22.26 ug/ml



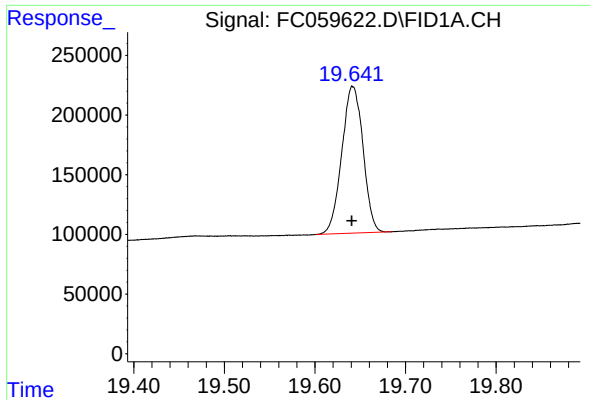
#19 n-Tetratriacontane (C34)

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2142590
Conc: 21.95 ug/ml



#20 n-Hexatriacontane (C36)

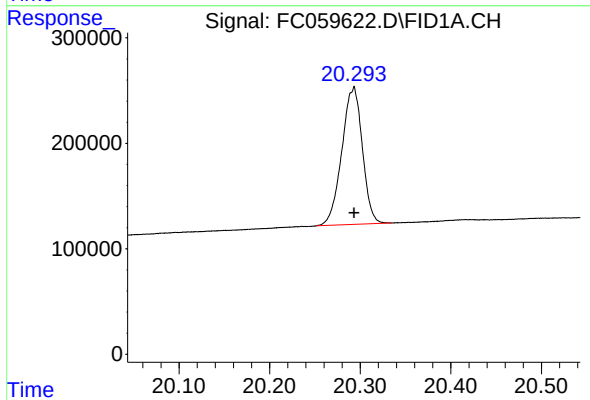
R.T.: 18.959 min
Delta R.T.: -0.001 min
Response: 2049648
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.642 min
Delta R.T.: 0.001 min
Response: 2001694
Conc: 21.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.292 min
Delta R.T.: -0.001 min
Response: 2044866
Conc: 21.60 ug/ml