

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020222AL\
 Data File : FC058247.D
 Signal(s) : FID1A.CH
 Acq On : 03 Feb 2022 00:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 03 01:41:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:37:19 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)	10.687	3991650	20.273 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.125	3032611	20.406 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	2.624	3372063	20.432 ug/ml
2) T n-Decane (C10)	3.612	3409603	20.346 ug/ml
3) T A~Naphthalene (C11.7)	5.147	3790115	20.559 ug/ml
4) T n-Dodecane (C12)	5.581	3442478	20.419 ug/ml
5) T A~2-methylnaphthalene...	6.188	3807544	20.588 ug/ml
6) T n-Tetradecane (C14)	7.360	3491951	20.356 ug/ml
7) T n-Hexadecane (C16)	8.950	3511672	20.252 ug/ml
8) T n-Octadecane (C18)	10.385	3593649	20.290 ug/ml
10) T n-Eicosane (C20)	11.687	3535335	20.311 ug/ml
11) T n-Heneicosane (C21)	12.296	3540065	20.328 ug/ml
13) T n-Docosane (C22)	12.879	3487235	20.358 ug/ml
14) T n-Tetracosane (C24)	13.977	3422968	20.336 ug/ml
15) T n-Hexacosane (C26)	14.993	3285917	20.378 ug/ml
16) T n-Octacosane (C28)	15.938	3201971	20.228 ug/ml
17) T n-Tricontane (C30)	16.823	3082208	19.901 ug/ml
18) T n-Dotriacontane (C32)	17.653	2849224	18.794 ug/ml
19) T n-Tetratriacontane (C34)	18.433	2638720	19.127 ug/ml
20) T n-Hexatriacontane (C36)	19.170	2432759	19.342 ug/ml
21) T n-Octatriacontane (C38)	19.874	2323427	19.470 ug/ml
22) T n-Tetracontane (C40)	20.694	2340089	20.000 ug/ml

(f)=RT Delta > 1/2 Window

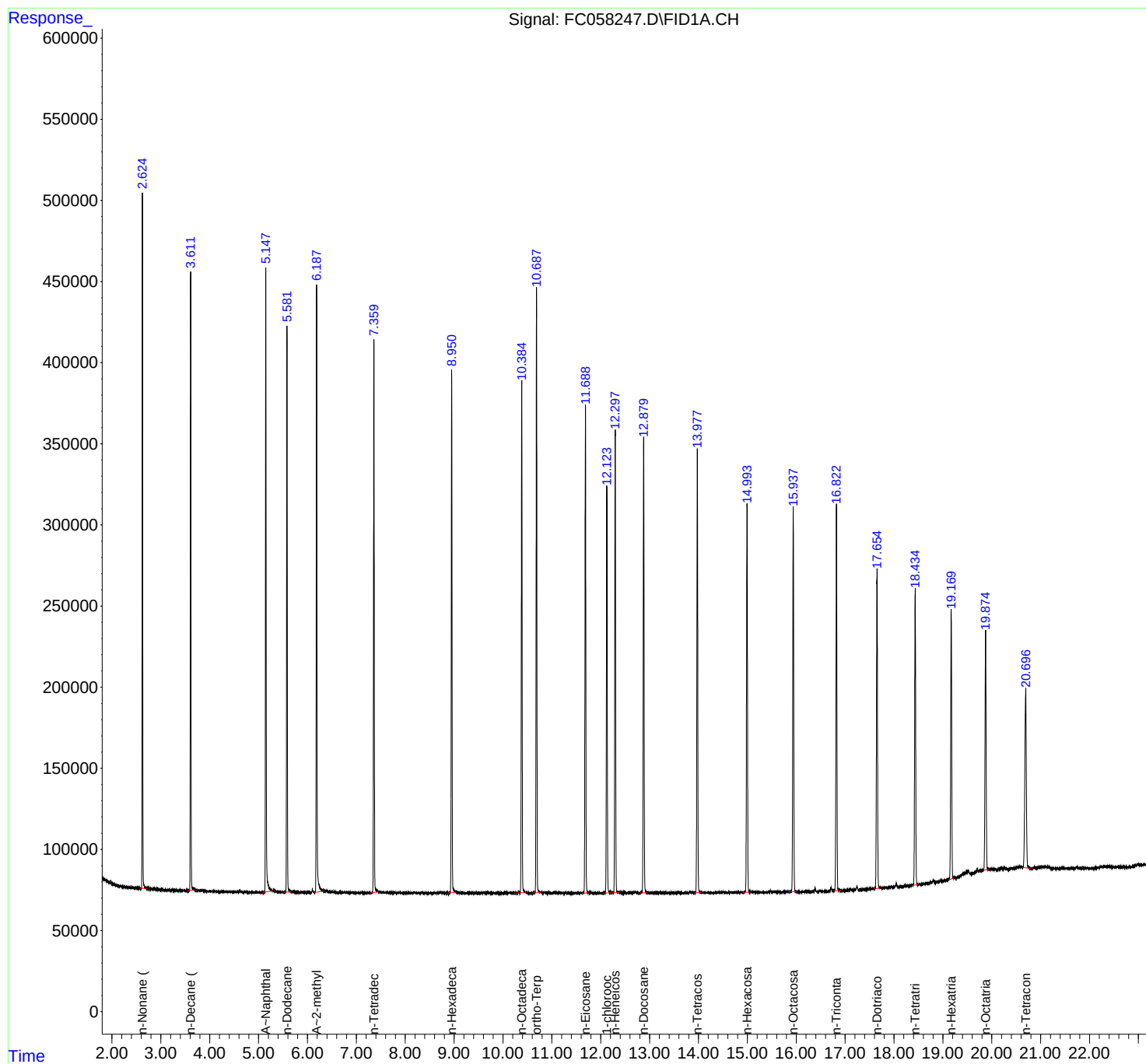
(m)=manual int.

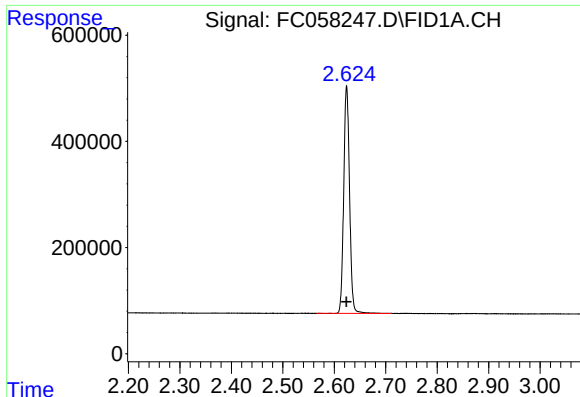
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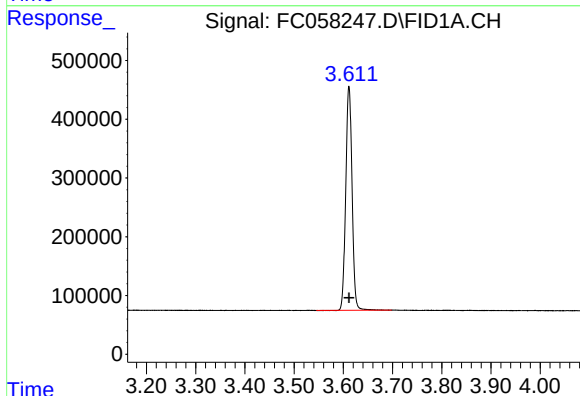




#1 n-Nonane (C9)

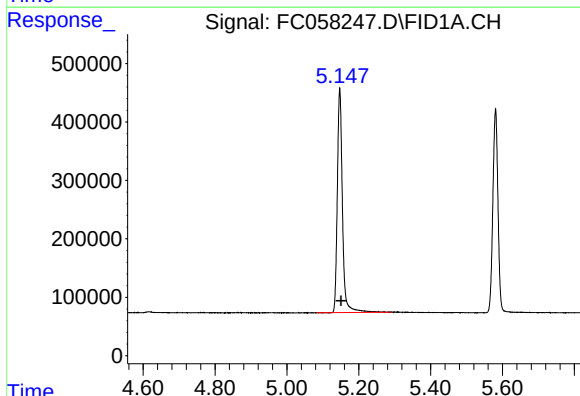
R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 3372063
Conc: 20.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



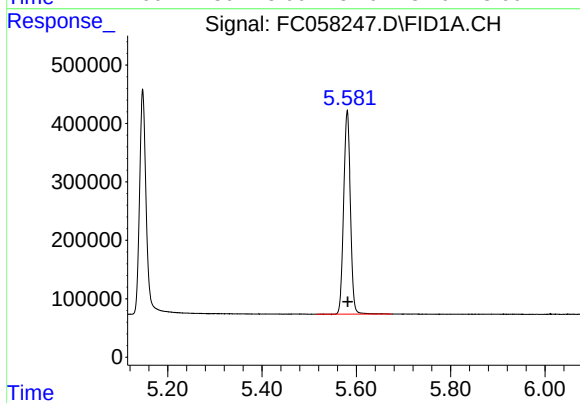
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 3409603
Conc: 20.35 ug/ml



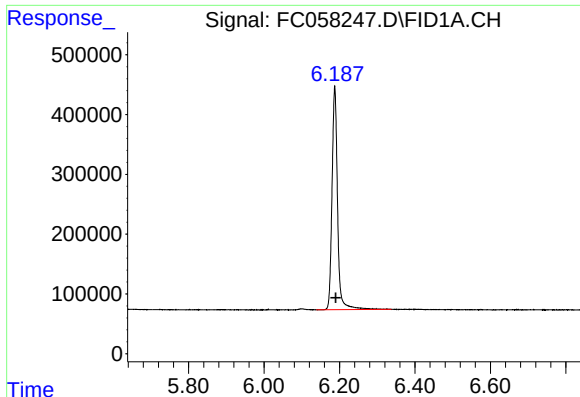
#3 A~Naphthalene (C11.7)

R.T.: 5.147 min
Delta R.T.: -0.003 min
Response: 3790115
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

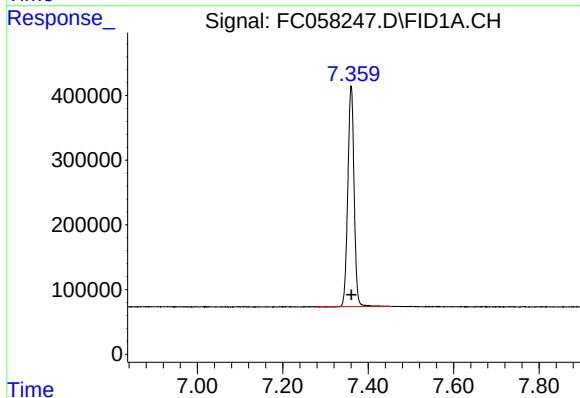
R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 3442478
Conc: 20.42 ug/ml



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

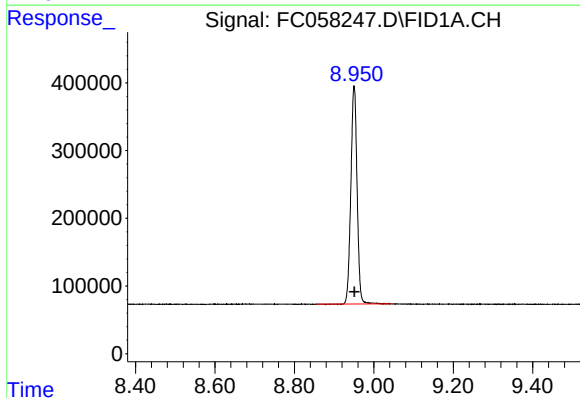
R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 3807544
Conc: 20.59 ug/ml

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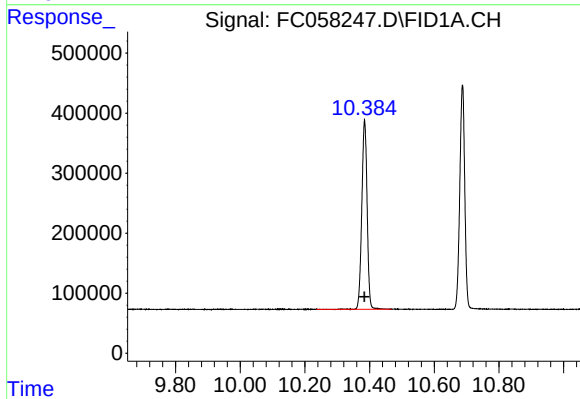
#6 n-Tetradecane (C14)

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 3491951
Conc: 20.36 ug/ml



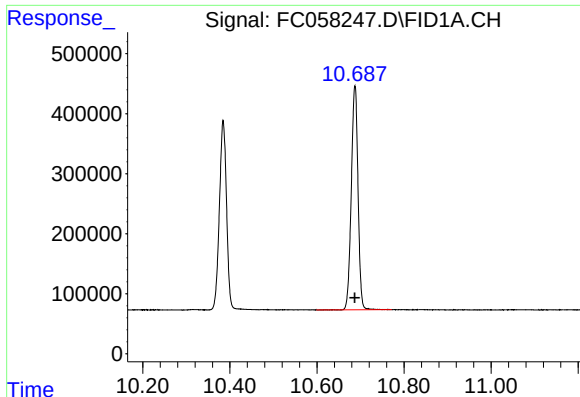
#7 n-Hexadecane (C16)

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3511672
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

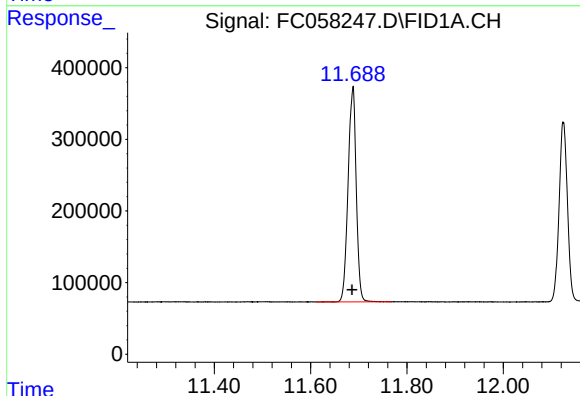
R.T.: 10.385 min
Delta R.T.: 0.000 min
Response: 3593649
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURRE)

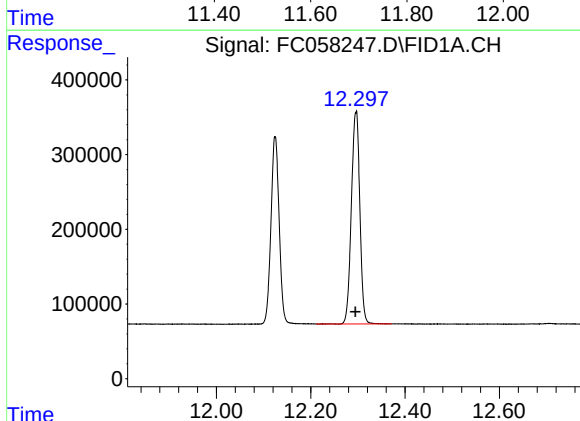
R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 3991650
Conc: 20.27 ug/ml

Instrument :
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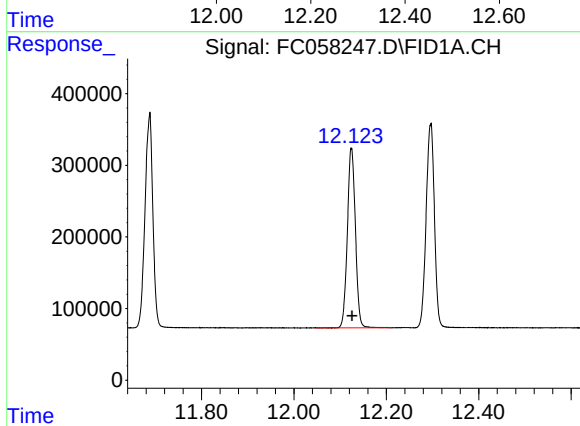
#10 n-Eicosane (C20)

R.T.: 11.687 min
Delta R.T.: 0.000 min
Response: 3535335
Conc: 20.31 ug/ml



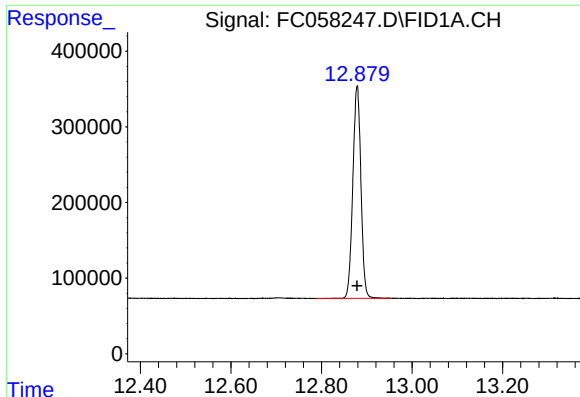
#11 n-Heneicosane (C21)

R.T.: 12.296 min
Delta R.T.: 0.001 min
Response: 3540065
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURRE)

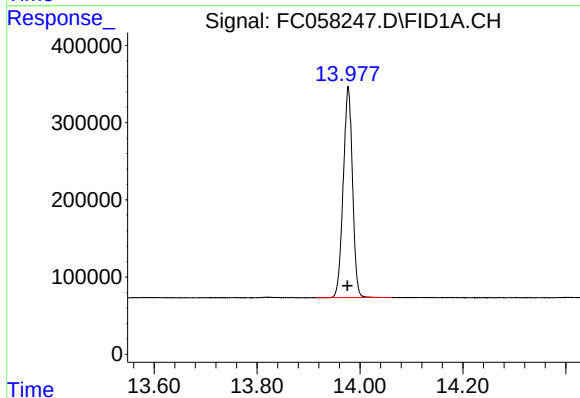
R.T.: 12.125 min
Delta R.T.: -0.002 min
Response: 3032611
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

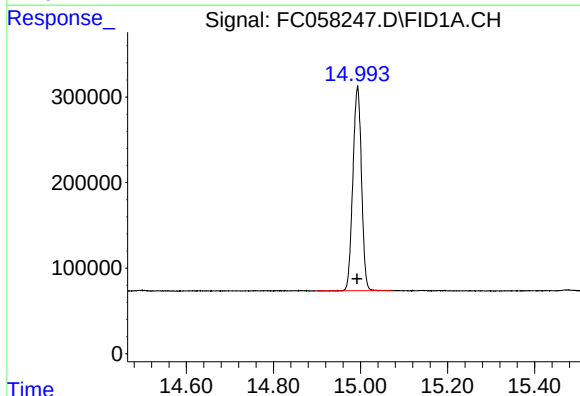
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3487235
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



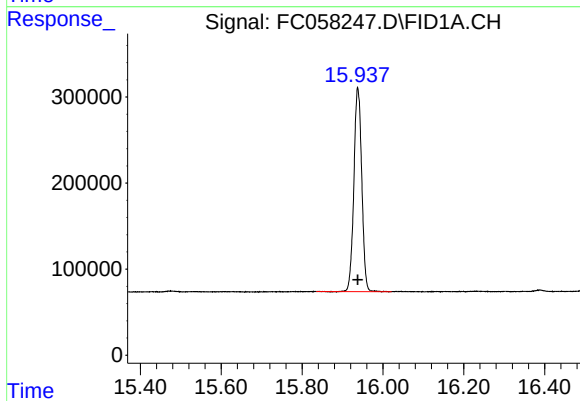
#14 n-Tetracosane (C24)

R.T.: 13.977 min
Delta R.T.: 0.002 min
Response: 3422968
Conc: 20.34 ug/ml



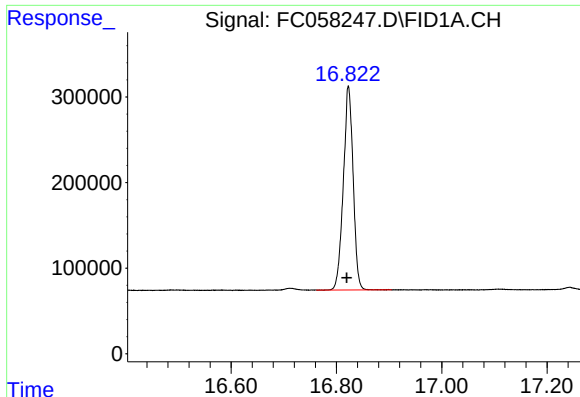
#15 n-Hexacosane (C26)

R.T.: 14.993 min
Delta R.T.: 0.000 min
Response: 3285917
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

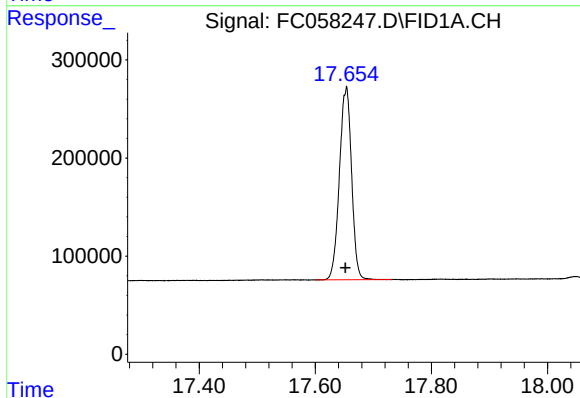
R.T.: 15.938 min
Delta R.T.: 0.000 min
Response: 3201971
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

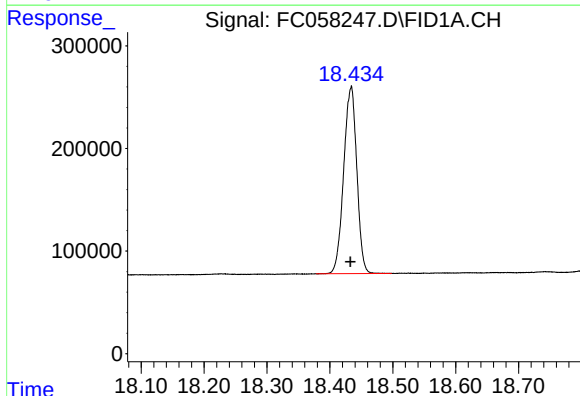
R.T.: 16.823 min
Delta R.T.: 0.003 min
Response: 3082208
Conc: 19.90 ug/ml

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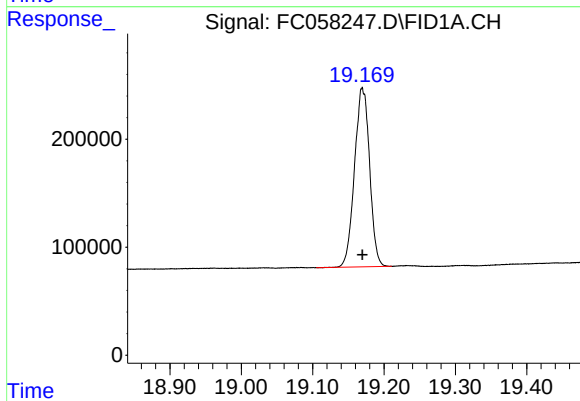
#18 n-Dotriacontane (C32)

R.T.: 17.653 min
Delta R.T.: 0.000 min
Response: 2849224
Conc: 18.79 ug/ml



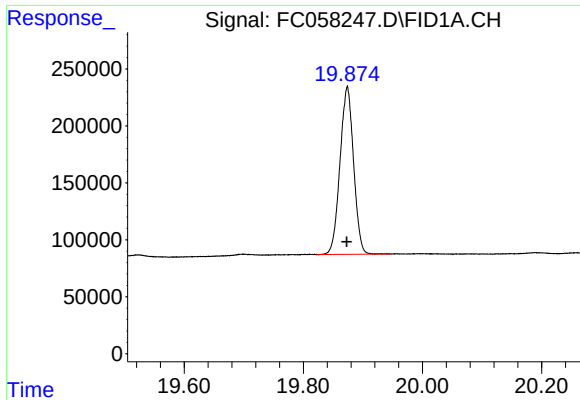
#19 n-Tetratriacontane (C34)

R.T.: 18.433 min
Delta R.T.: 0.000 min
Response: 2638720
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

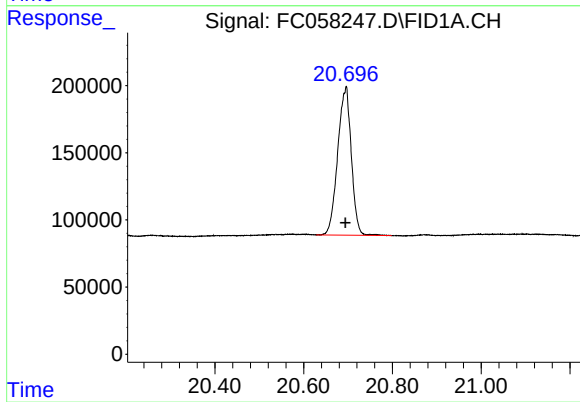
R.T.: 19.170 min
Delta R.T.: 0.000 min
Response: 2432759
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 2323427
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.694 min
Delta R.T.: 0.000 min
Response: 2340089
Conc: 20.00 ug/ml