

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021519AL\
 Data File : FC039239.D
 Signal(s) : FID1A.CH
 Acq On : 16 Feb 2019 11:25
 Operator : AJ\SJ
 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: Feb 17 23:48:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 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)	11.201	3161642	20.222 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	12.647	2305504	19.553 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.061	2213189	21.323 ug/ml
2) T n-Decane (C10)	4.112	2248203	21.811 ug/ml
3) T A-Naphthalene (C11.7)	5.666	2467387	21.989 ug/ml
4) T n-Dodecane (C12)	6.112	2300318	21.771 ug/ml
5) T A~2-methylnaphthalene...	6.713	2436781	21.914 ug/ml
6) T n-Tetradecane (C14)	7.892	2285975	20.993 ug/ml
7) T n-Hexadecane (C16)	9.478	2302711	20.472 ug/ml
8) T n-Octadecane (C18)	10.910	2301652	19.660 ug/ml
10) T n-Eicosane (C20)	12.210	2317307	19.459 ug/ml
11) T n-Heneicosane (C21)	12.817	2316807	19.686 ug/ml
13) T n-Docosane (C22)	13.399	2333722	19.800 ug/ml
14) T n-Tetracosane (C24)	14.496	2347570	19.907 ug/ml
15) T n-Hexacosane (C26)	15.511	2359306	20.291 ug/ml
16) T n-Octacosane (C28)	16.456	2434489	20.889 ug/ml
17) T n-Tricontane (C30)	17.339	2515579	21.675 ug/ml
18) T n-Dotriacontane (C32)	18.168	2489966	22.896 ug/ml
19) T n-Tetratriacontane (C34)	18.949	2145188	23.162 ug/ml
20) T n-Hexatriacontane (C36)	19.686	1817622	22.883 ug/ml
21) T n-Octatriacontane (C38)	20.382	1607726	21.891 ug/ml
22) T n-Tetracontane (C40)	21.158	1503095	20.145 ug/ml

(f)=RT Delta > 1/2 Window

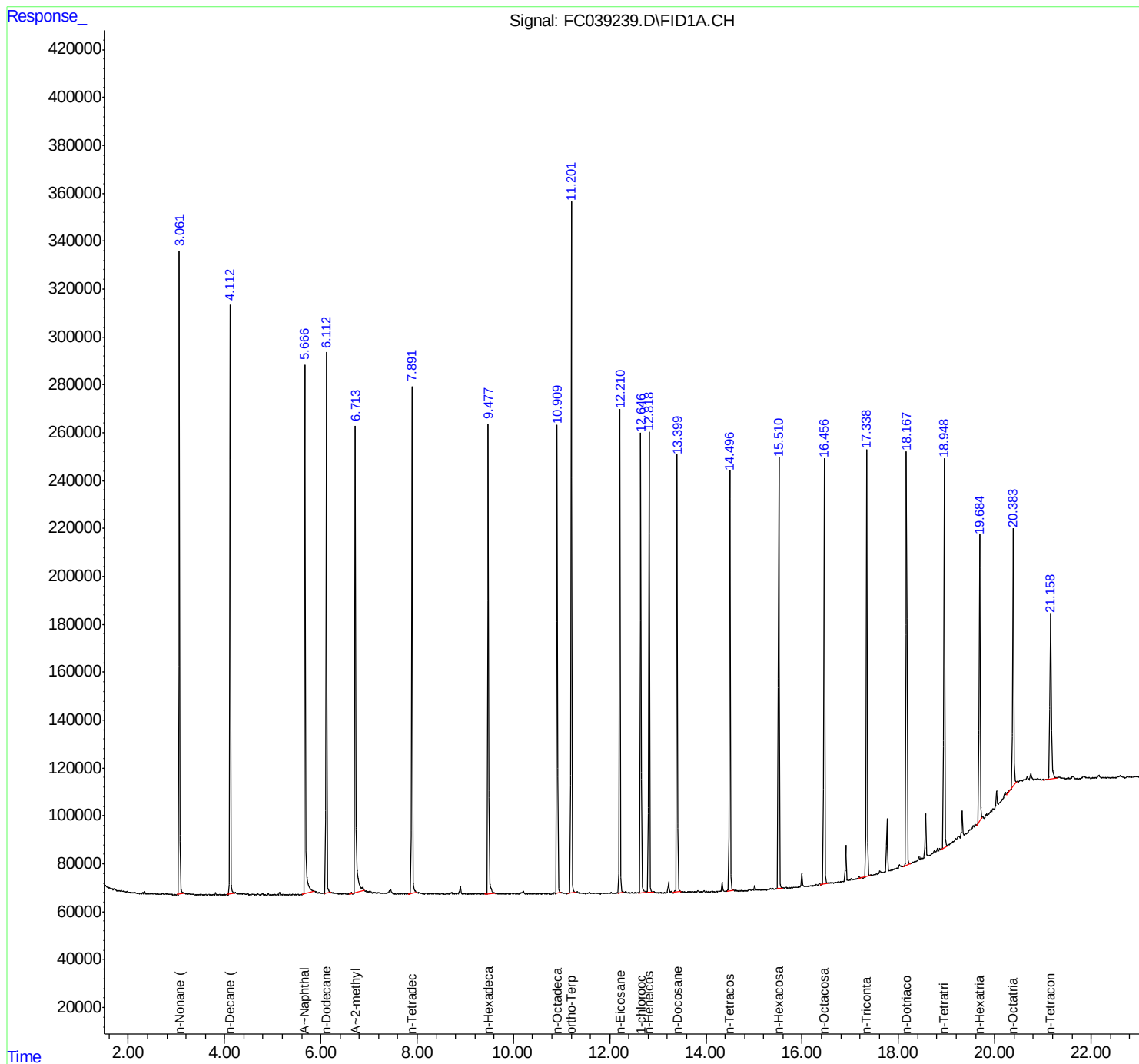
(m)=manual int.

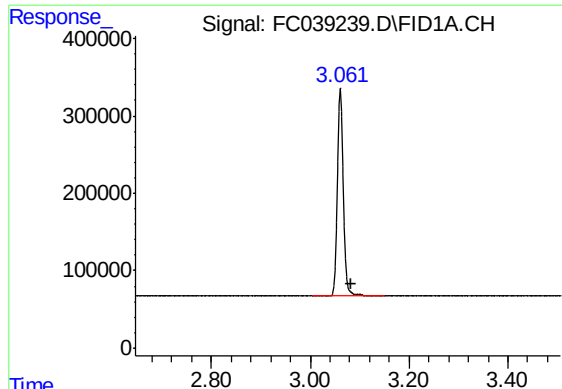
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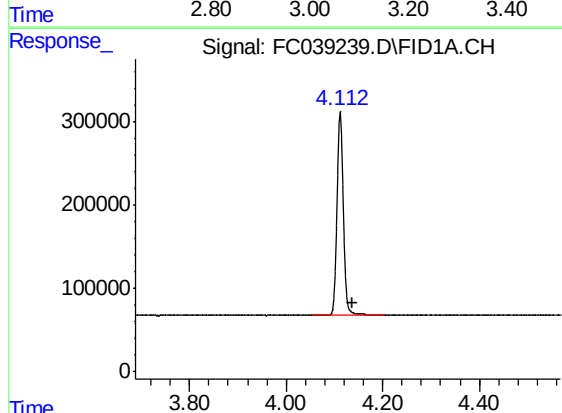




#1 n-Nonane (C9)

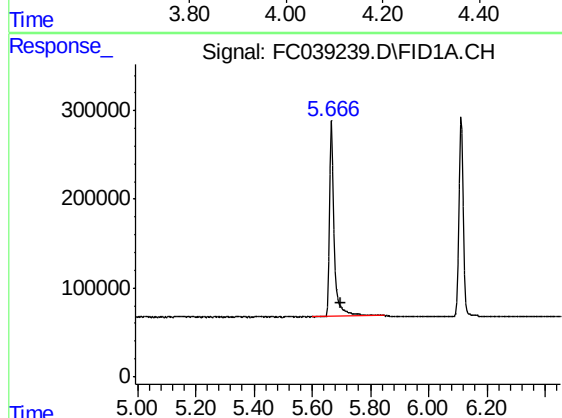
R.T.: 3.061 min
Delta R.T.: -0.022 min
Response: 2213189
Conc: 21.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



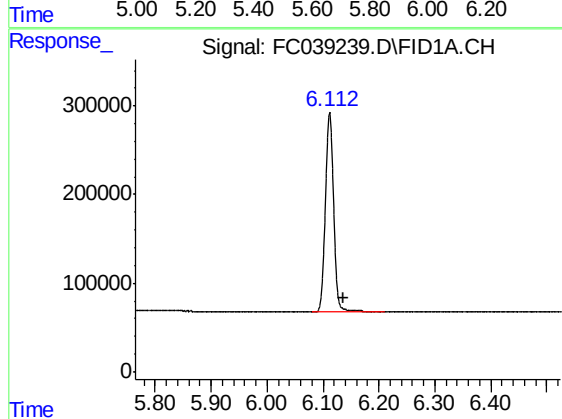
#2 n-Decane (C10)

R.T.: 4.112 min
Delta R.T.: -0.024 min
Response: 2248203
Conc: 21.81 ug/ml



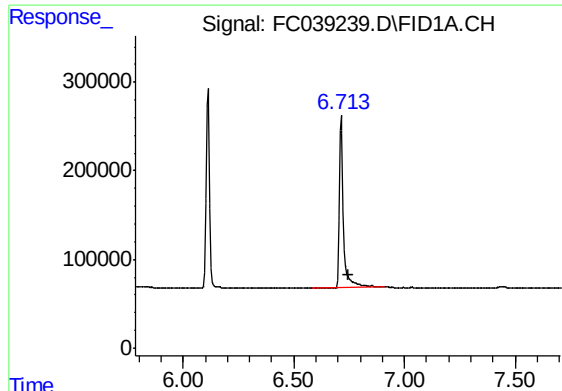
#3 A~Naphthalene (C11.7)

R.T.: 5.666 min
Delta R.T.: -0.033 min
Response: 2467387
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

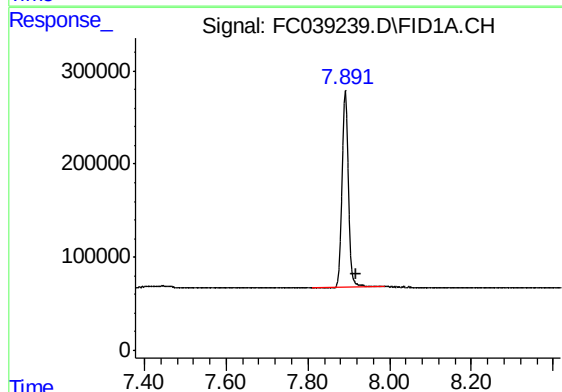
R.T.: 6.112 min
Delta R.T.: -0.025 min
Response: 2300318
Conc: 21.77 ug/ml



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

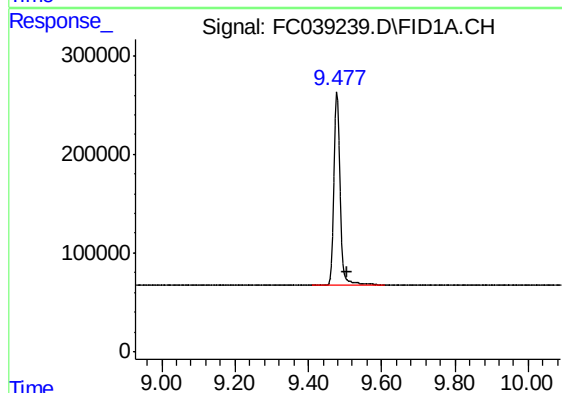
R.T.: 6.713 min
Delta R.T.: -0.033 min
Response: 2436781
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



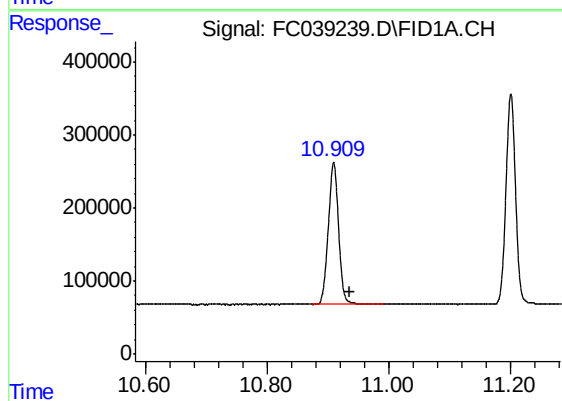
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: -0.025 min
Response: 2285975
Conc: 20.99 ug/ml



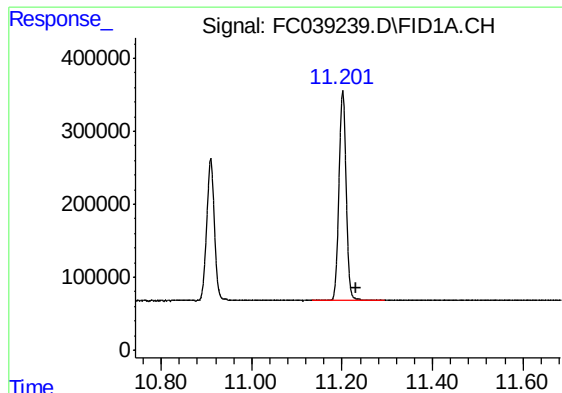
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: -0.027 min
Response: 2302711
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

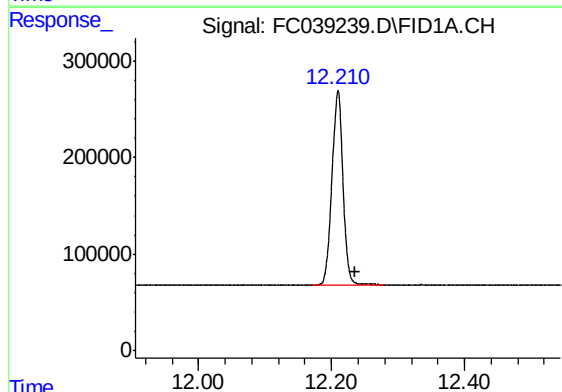
R.T.: 10.910 min
Delta R.T.: -0.026 min
Response: 2301652
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

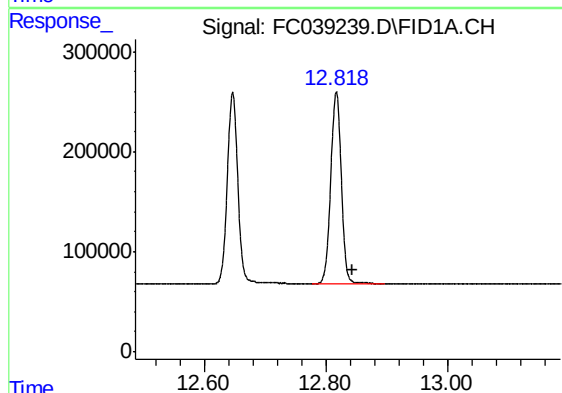
R.T.: 11.201 min
Delta R.T.: -0.030 min
Response: 3161642
Conc: 20.22 ug/ml

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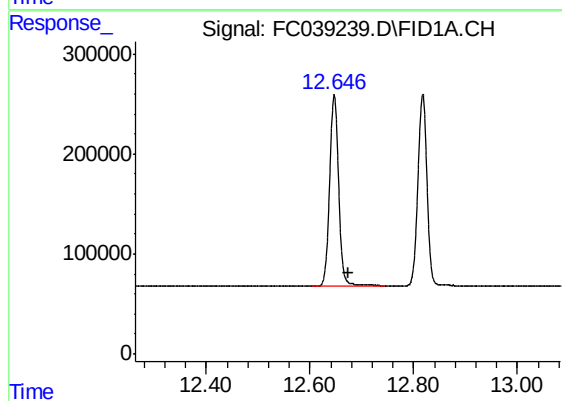
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: -0.026 min
Response: 2317307
Conc: 19.46 ug/ml



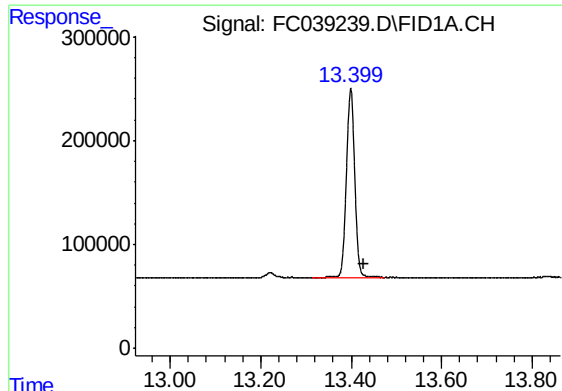
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: -0.027 min
Response: 2316807
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

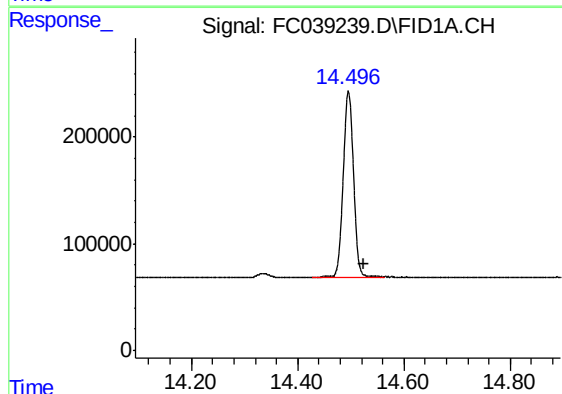
R.T.: 12.647 min
Delta R.T.: -0.027 min
Response: 2305504
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

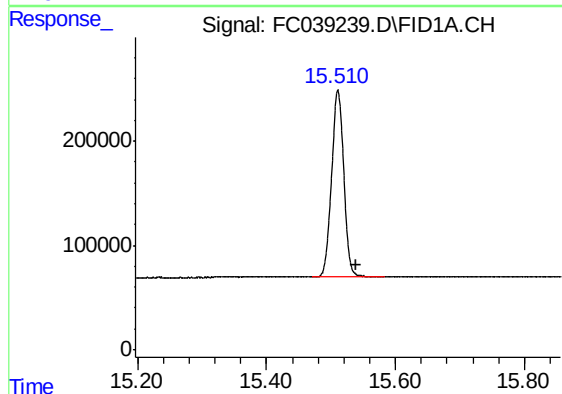
R.T.: 13.399 min
Delta R.T.: -0.028 min
Response: 2333722
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



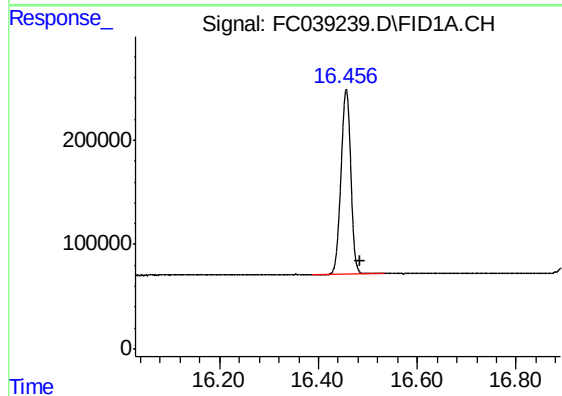
#14 n-Tetracosane (C24)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 2347570
Conc: 19.91 ug/ml



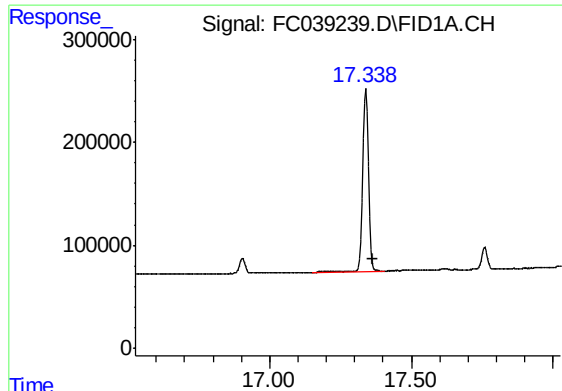
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: -0.028 min
Response: 2359306
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

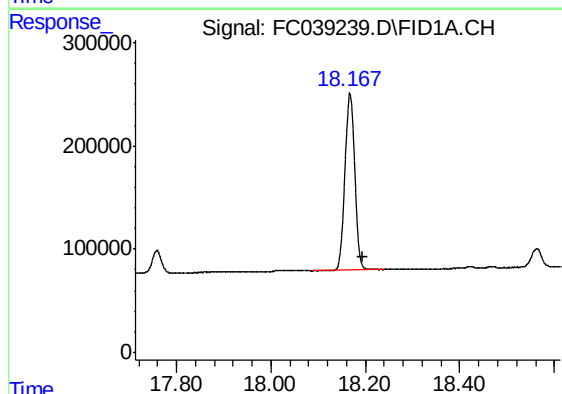
R.T.: 16.456 min
Delta R.T.: -0.027 min
Response: 2434489
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

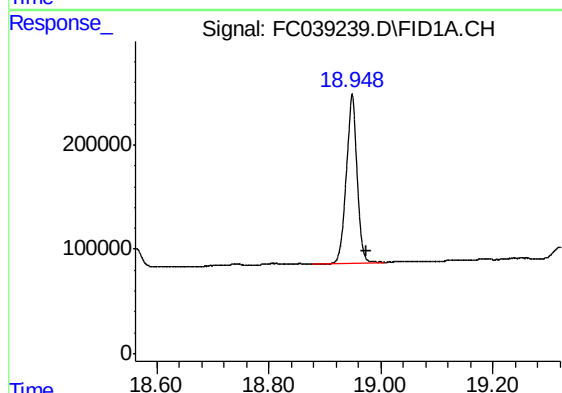
R.T.: 17.339 min
Delta R.T.: -0.027 min
Response: 2515579
Conc: 21.67 ug/ml

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20 PPM ALIPHATIC HC STD



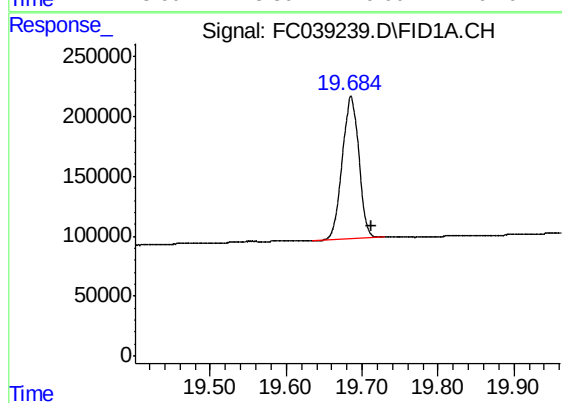
#18 n-Dotriacontane (C32)

R.T.: 18.168 min
Delta R.T.: -0.026 min
Response: 2489966
Conc: 22.90 ug/ml



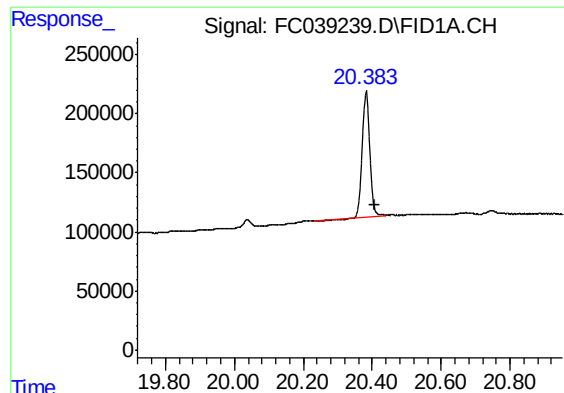
#19 n-Tetratriacontane (C34)

R.T.: 18.949 min
Delta R.T.: -0.026 min
Response: 2145188
Conc: 23.16 ug/ml



#20 n-Hexatriacontane (C36)

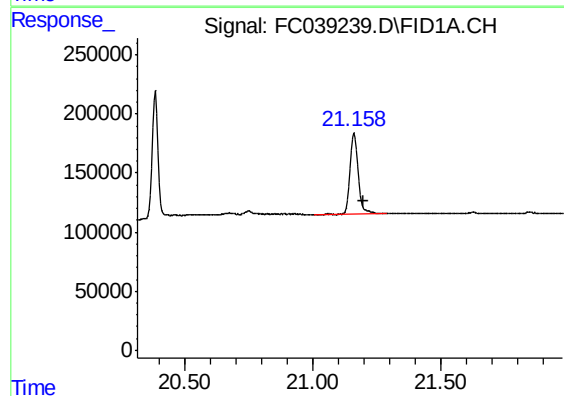
R.T.: 19.686 min
Delta R.T.: -0.026 min
Response: 1817622
Conc: 22.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.382 min
Delta R.T.: -0.027 min
Response: 1607726
Conc: 21.89 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: -0.040 min
Response: 1503095
Conc: 20.14 ug/ml