

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020619AL\
 Data File : FC039003.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2019 16:02
 Operator : AJ\SJ
 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 07 03:26:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.231	3193216	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
12) S 1-chlorooctadecane (S...	12.674	2493385	21.146 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T n-Nonane (C9)	3.083	2070485	19.948 ug/ml
2) T n-Decane (C10)	4.136	2074943	20.130 ug/ml
3) T A~Naphthalene (C11.7)	5.694	2275810	20.281 ug/ml
4) T n-Dodecane (C12)	6.137	2128628	20.146 ug/ml
5) T A~2-methylnaphthalene...	6.741	2294085	20.631 ug/ml
6) T n-Tetradecane (C14)	7.917	2207252	20.270 ug/ml
7) T n-Hexadecane (C16)	9.505	2326665	20.685 ug/ml
8) T n-Octadecane (C18)	10.936	2433331	20.784 ug/ml
10) T n-Eicosane (C20)	12.237	2511499	21.089 ug/ml
11) T n-Heneicosane (C21)	12.845	2502460	21.264 ug/ml
13) T n-Docosane (C22)	13.428	2522390	21.400 ug/ml
14) T n-Tetracosane (C24)	14.525	2538361	21.525 ug/ml
15) T n-Hexacosane (C26)	15.540	2510984	21.596 ug/ml
16) T n-Octacosane (C28)	16.485	2490703	21.371 ug/ml
17) T n-Tricontane (C30)	17.367	2433529	20.968 ug/ml
18) T n-Dotriacontane (C32)	18.196	2291547	21.071 ug/ml
19) T n-Tetratriacontane (C34)	18.975	1969790	21.268 ug/ml
20) T n-Hexatriacontane (C36)	19.710	1708463	21.509 ug/ml
21) T n-Octatriacontane (C38)	20.409	1589643	21.645 ug/ml
22) T n-Tetracontane (C40)	21.196	1537665	20.608 ug/ml

(f)=RT Delta > 1/2 Window

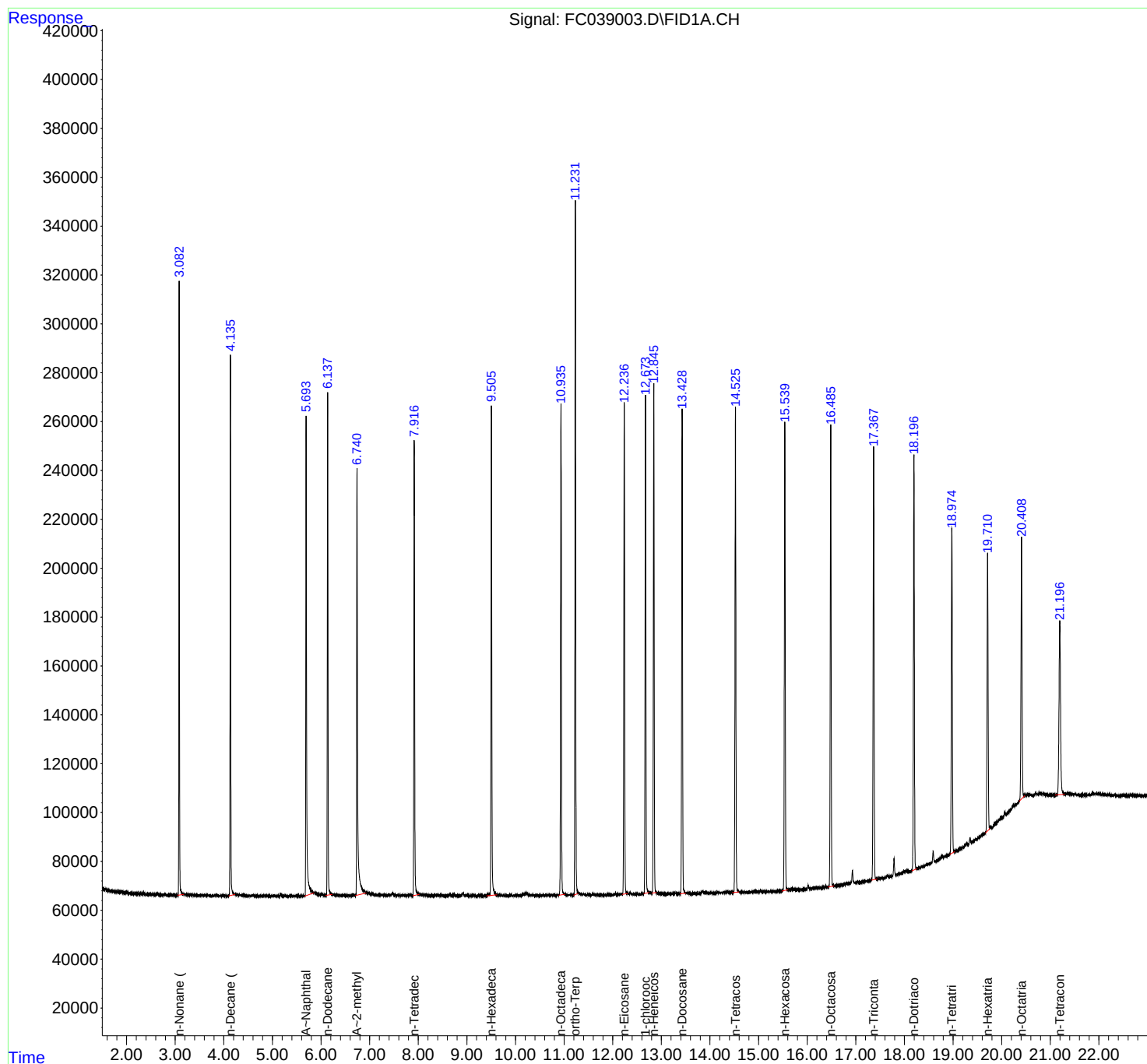
(m)=manual int.

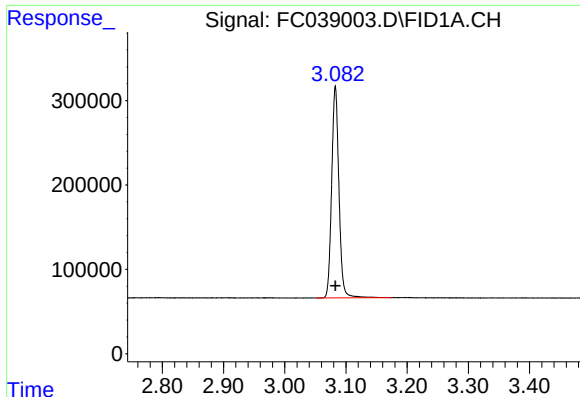
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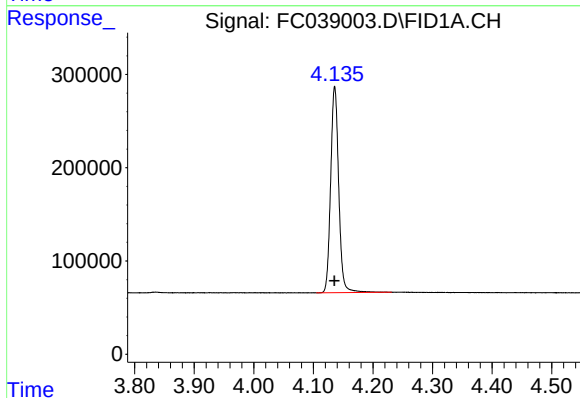




#1 n-Nonane (C9)

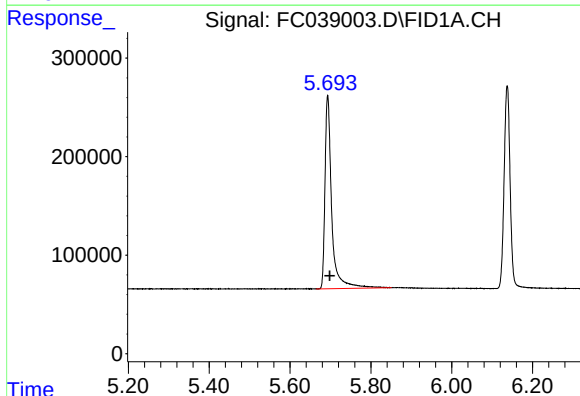
R.T.: 3.083 min
Delta R.T.: 0.000 min
Response: 2070485
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



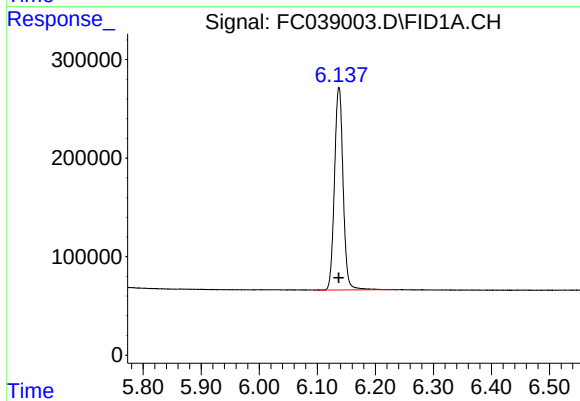
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 2074943
Conc: 20.13 ug/ml



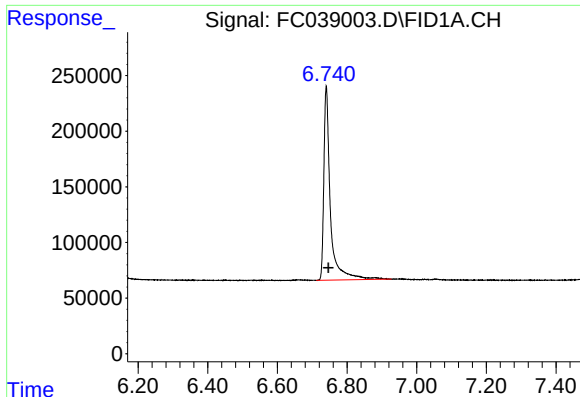
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 2275810
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

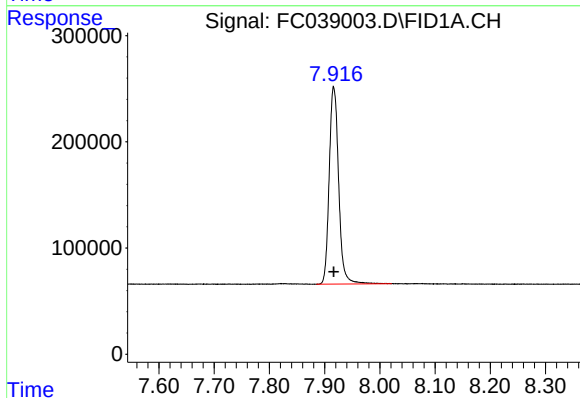
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2128628
Conc: 20.15 ug/ml



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

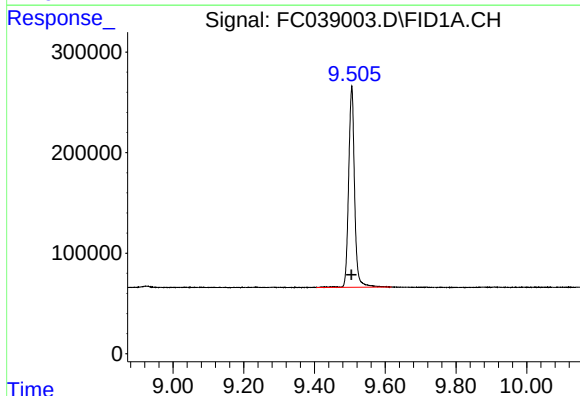
R.T.: 6.741 min
Delta R.T.: -0.006 min
Response: 2294085
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



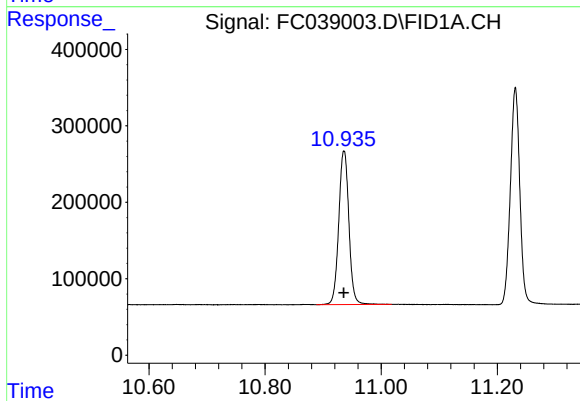
#6 n-Tetradecane (C14)

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 2207252
Conc: 20.27 ug/ml



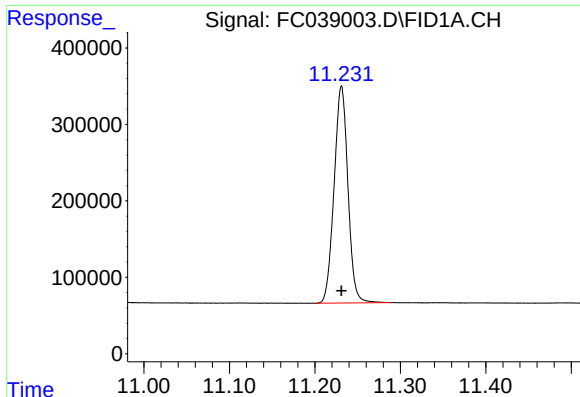
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 2326665
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

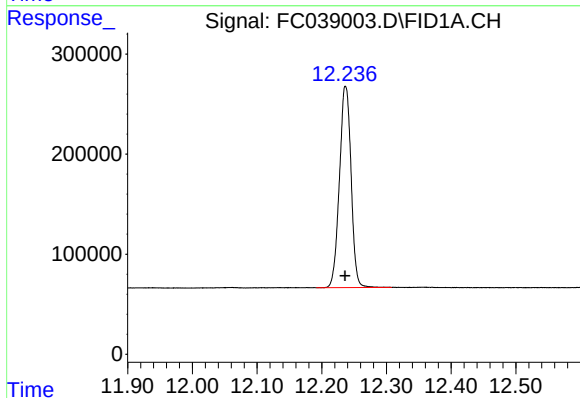
R.T.: 10.936 min
Delta R.T.: 0.000 min
Response: 2433331
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

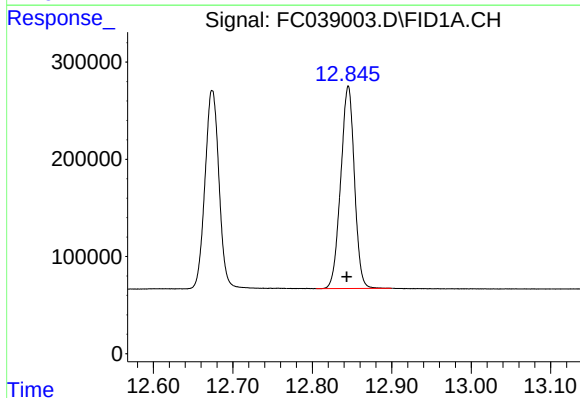
R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 3193216
Conc: 20.42 ug/ml

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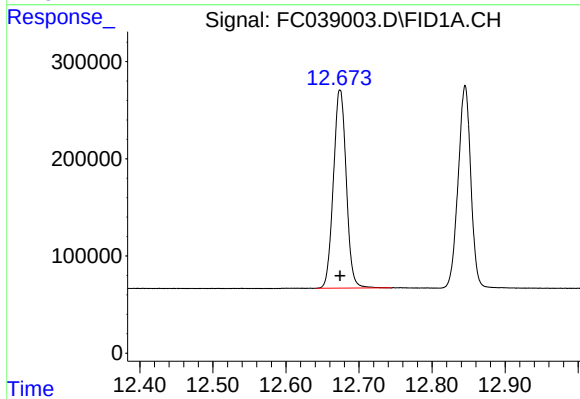
#10 n-Eicosane (C20)

R.T.: 12.237 min
Delta R.T.: 0.000 min
Response: 2511499
Conc: 21.09 ug/ml



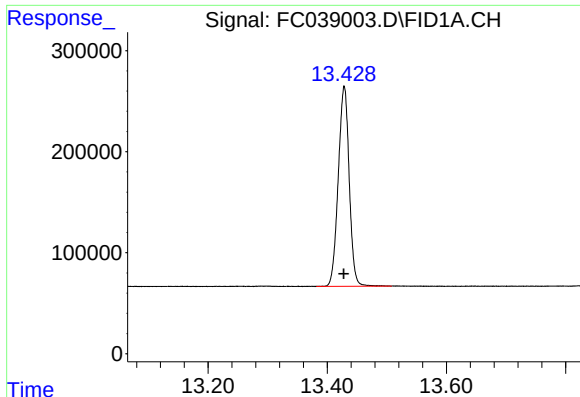
#11 n-Heneicosane (C21)

R.T.: 12.845 min
Delta R.T.: 0.002 min
Response: 2502460
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

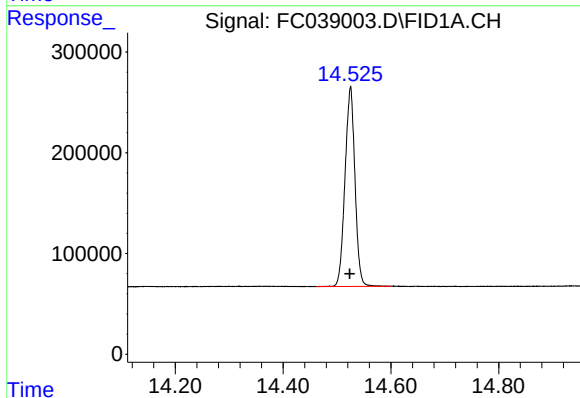
R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 2493385
Conc: 21.15 ug/ml



#13 n-Docosane (C22)

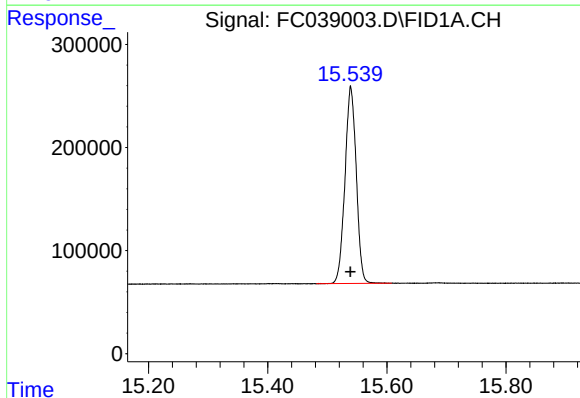
R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 2522390
Conc: 21.40 ug/ml

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20 PPM ALIPHATIC HC STD



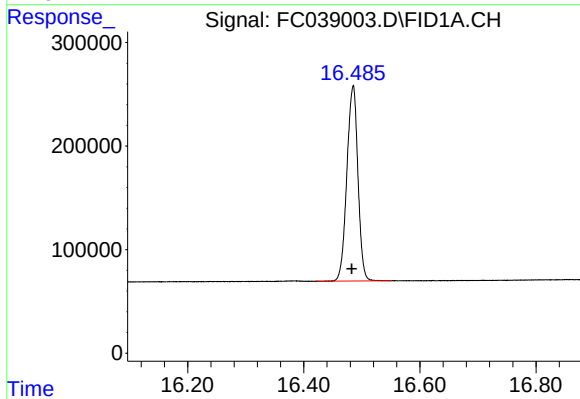
#14 n-Tetracosane (C24)

R.T.: 14.525 min
Delta R.T.: 0.001 min
Response: 2538361
Conc: 21.52 ug/ml



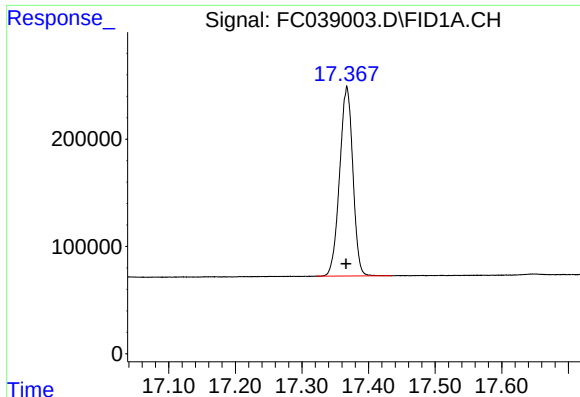
#15 n-Hexacosane (C26)

R.T.: 15.540 min
Delta R.T.: 0.000 min
Response: 2510984
Conc: 21.60 ug/ml



#16 n-Octacosane (C28)

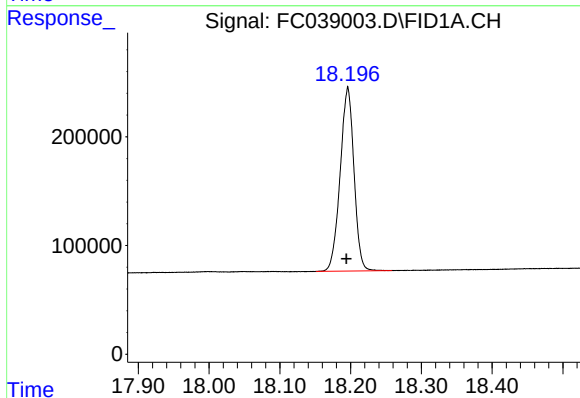
R.T.: 16.485 min
Delta R.T.: 0.002 min
Response: 2490703
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

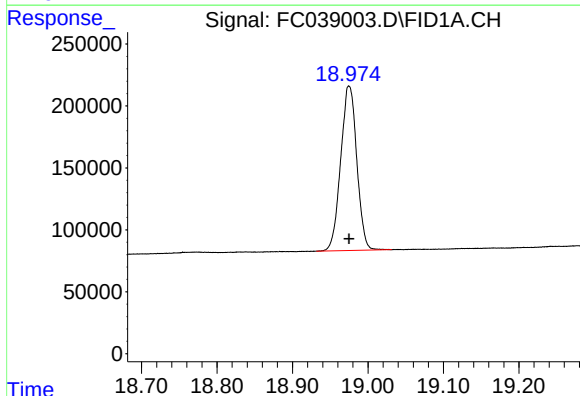
R.T.: 17.367 min
Delta R.T.: 0.001 min
Response: 2433529
Conc: 20.97 ug/ml

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20 PPM ALIPHATIC HC STD



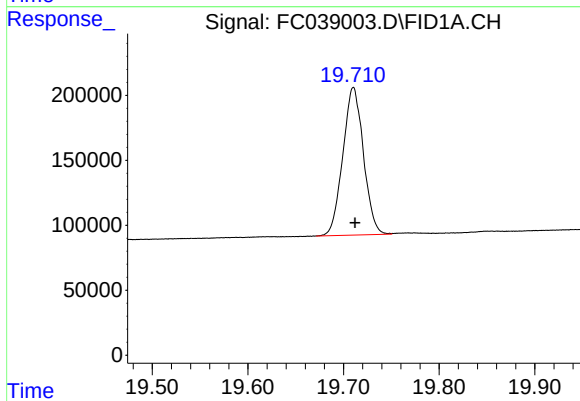
#18 n-Dotriacontane (C32)

R.T.: 18.196 min
Delta R.T.: 0.002 min
Response: 2291547
Conc: 21.07 ug/ml



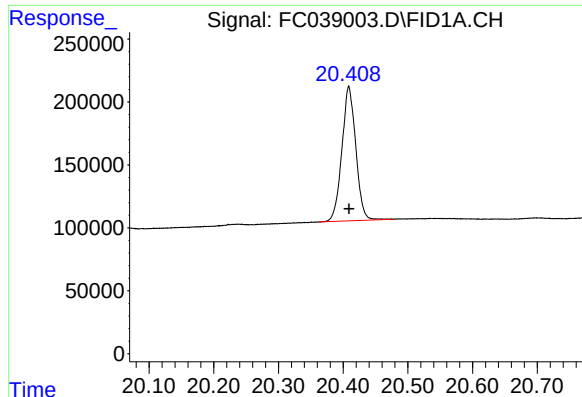
#19 n-Tetratriacontane (C34)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 1969790
Conc: 21.27 ug/ml



#20 n-Hexatriacontane (C36)

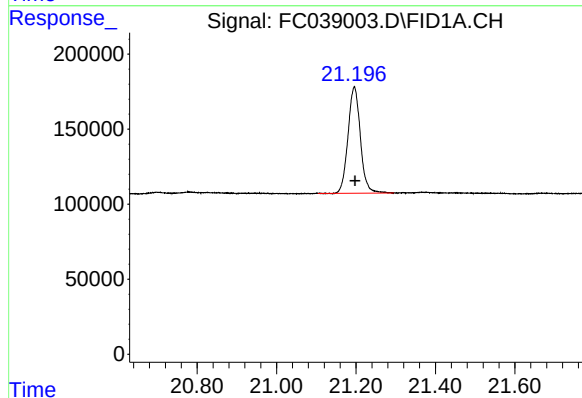
R.T.: 19.710 min
Delta R.T.: -0.002 min
Response: 1708463
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 1589643
Conc: 21.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: -0.003 min
Response: 1537665
Conc: 20.61 ug/ml