

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030119AL\
 Data File : FC039565.D
 Signal(s) : FID1A.CH
 Acq On : 02 Mar 2019 16:23
 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: Mar 03 23:43:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 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)	11.161	3280293	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	12.606	2388595	18.936 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.031	2358901	19.654 ug/ml
2) T n-Decane (C10)	4.079	2373207	19.699 ug/ml
3) T A~Naphthalene (C11.7)	5.630	2580353	19.830 ug/ml
4) T n-Dodecane (C12)	6.077	2404817	19.465 ug/ml
5) T A~2-methylnaphthalene...	6.676	2498264	19.264 ug/ml
6) T n-Tetradecane (C14)	7.855	2405611	18.888 ug/ml
7) T n-Hexadecane (C16)	9.441	2413195	18.622 ug/ml
8) T n-Octadecane (C18)	10.870	2407971	17.900 ug/ml
10) T n-Eicosane (C20)	12.170	2420092	18.559 ug/ml
11) T n-Heneicosane (C21)	12.777	2410249	19.005 ug/ml
13) T n-Docosane (C22)	13.359	2423705	19.241 ug/ml
14) T n-Tetracosane (C24)	14.455	2440543	19.527 ug/ml
15) T n-Hexacosane (C26)	15.470	2442244	19.579 ug/ml
16) T n-Octacosane (C28)	16.414	2534430	18.963 ug/ml
17) T n-Tricontane (C30)	17.297	2613747	17.810 ug/ml
18) T n-Dotriacontane (C32)	18.127	2562222	19.073 ug/ml
19) T n-Tetratriacontane (C34)	18.906	2210685	19.435 ug/ml
20) T n-Hexatriacontane (C36)	19.641	1829286	18.967 ug/ml
21) T n-Octatriacontane (C38)	20.338	1684392	18.345 ug/ml
22) T n-Tetracontane (C40)	21.104	1566479	17.260 ug/ml

(f)=RT Delta > 1/2 Window

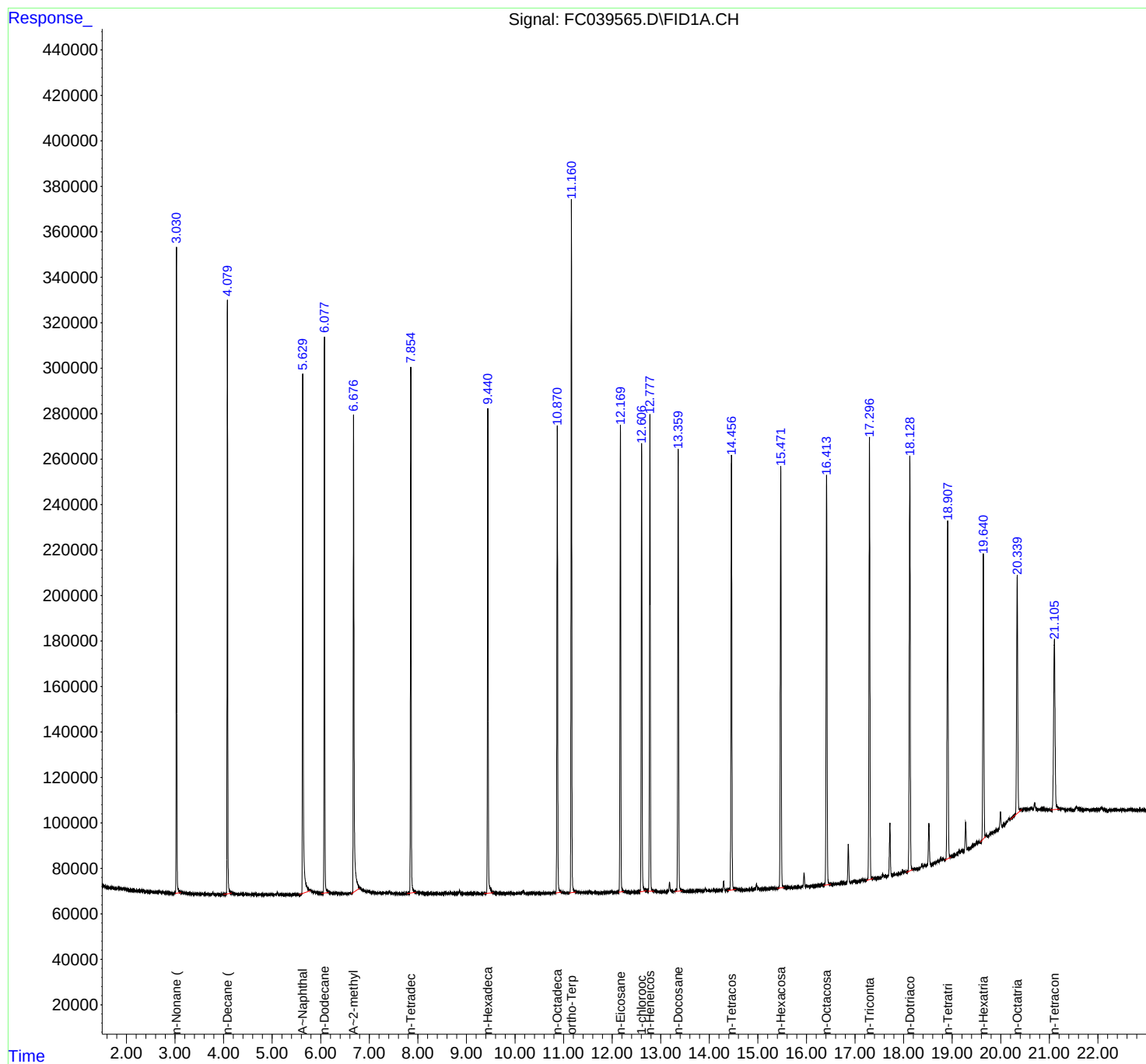
(m)=manual int.

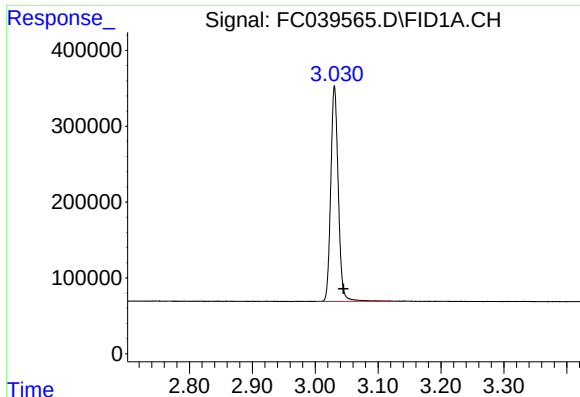
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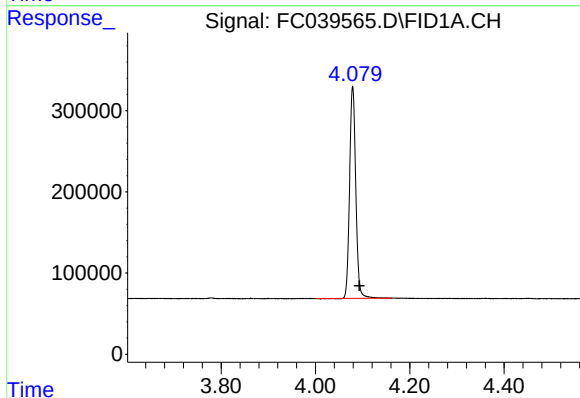




#1 n-Nonane (C9)

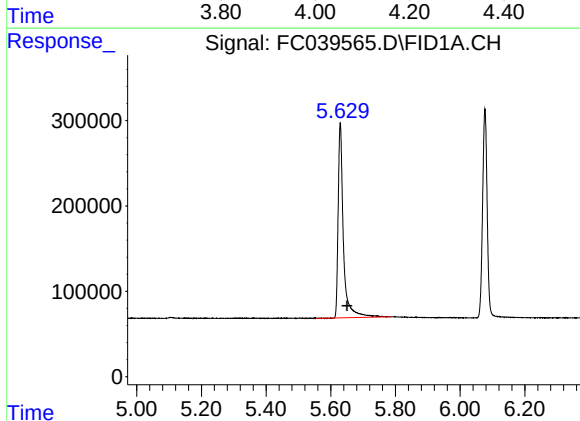
R.T.: 3.031 min
Delta R.T.: -0.014 min
Response: 2358901
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



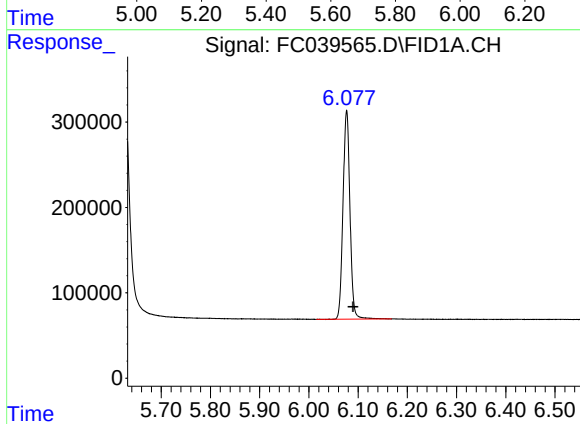
#2 n-Decane (C10)

R.T.: 4.079 min
Delta R.T.: -0.014 min
Response: 2373207
Conc: 19.70 ug/ml



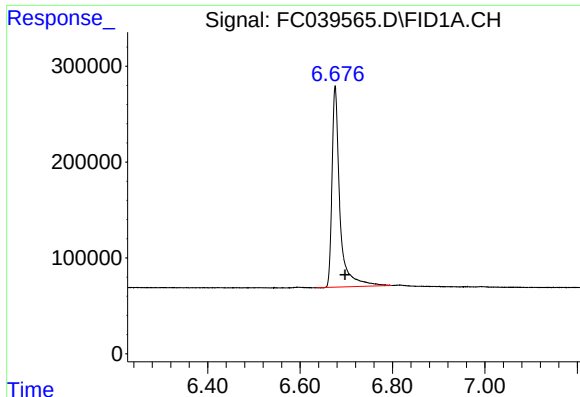
#3 A~Naphthalene (C11.7)

R.T.: 5.630 min
Delta R.T.: -0.021 min
Response: 2580353
Conc: 19.83 ug/ml



#4 n-Dodecane (C12)

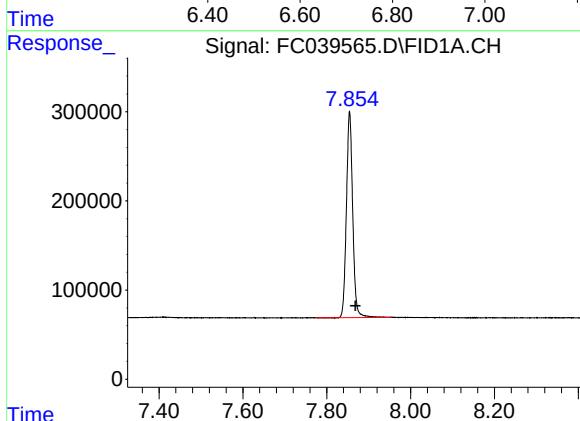
R.T.: 6.077 min
Delta R.T.: -0.013 min
Response: 2404817
Conc: 19.46 ug/ml



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

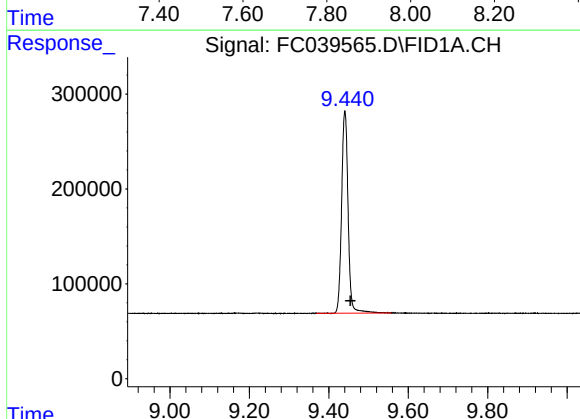
R.T.: 6.676 min
Delta R.T.: -0.021 min
Response: 2498264
Conc: 19.26 ug/ml

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20 PPM ALIPHATIC HC STD



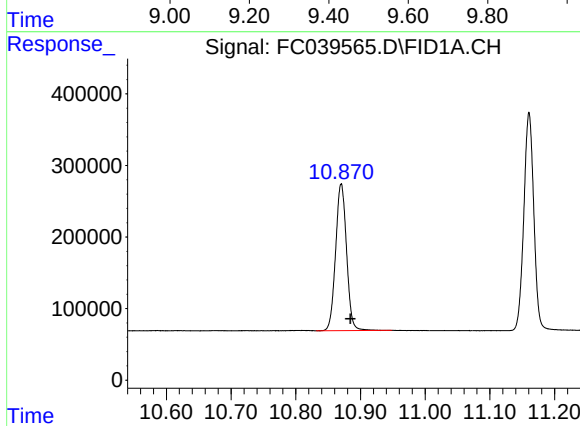
#6 n-Tetradecane (C14)

R.T.: 7.855 min
Delta R.T.: -0.013 min
Response: 2405611
Conc: 18.89 ug/ml



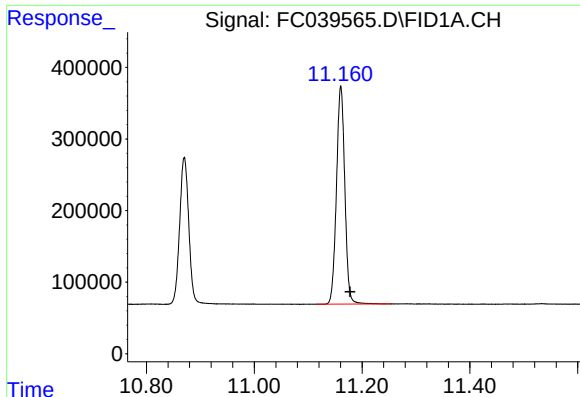
#7 n-Hexadecane (C16)

R.T.: 9.441 min
Delta R.T.: -0.014 min
Response: 2413195
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

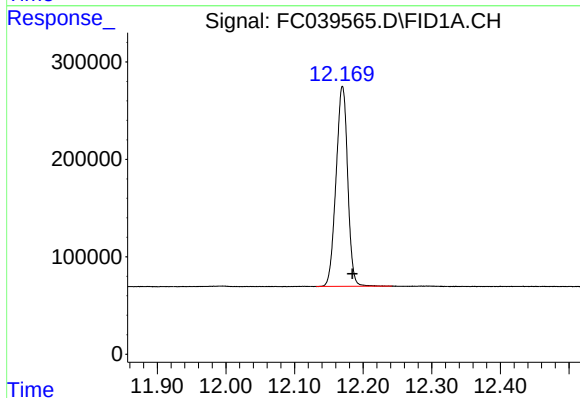
R.T.: 10.870 min
Delta R.T.: -0.014 min
Response: 2407971
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

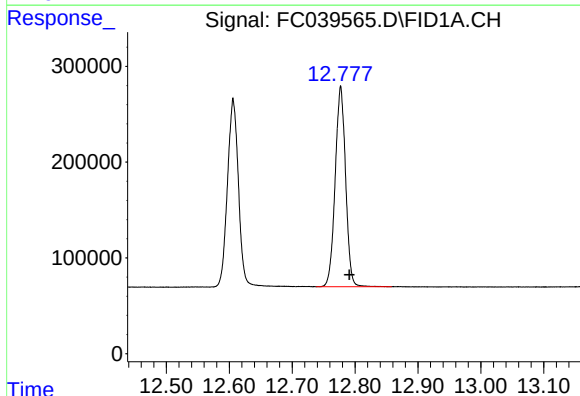
R.T.: 11.161 min
Delta R.T.: -0.017 min
Response: 3280293
Conc: 19.50 ug/ml

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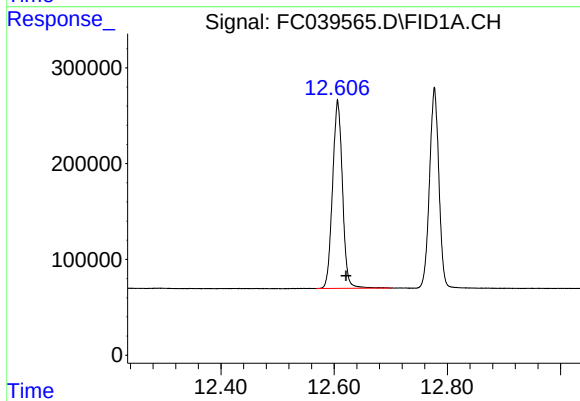
#10 n-Eicosane (C20)

R.T.: 12.170 min
Delta R.T.: -0.015 min
Response: 2420092
Conc: 18.56 ug/ml



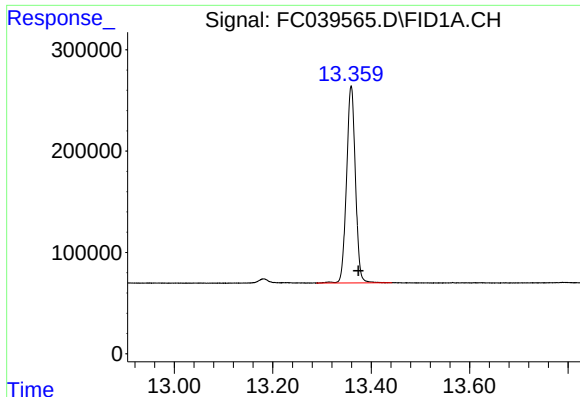
#11 n-Heneicosane (C21)

R.T.: 12.777 min
Delta R.T.: -0.014 min
Response: 2410249
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

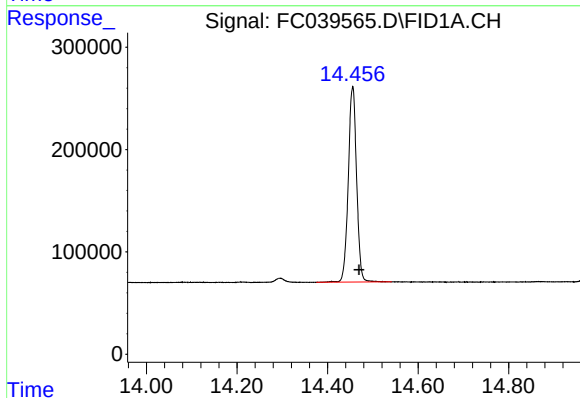
R.T.: 12.606 min
Delta R.T.: -0.015 min
Response: 2388595
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

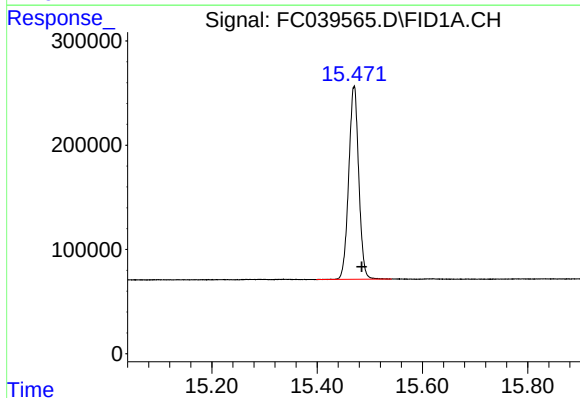
R.T.: 13.359 min
Delta R.T.: -0.015 min
Response: 2423705
Conc: 19.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



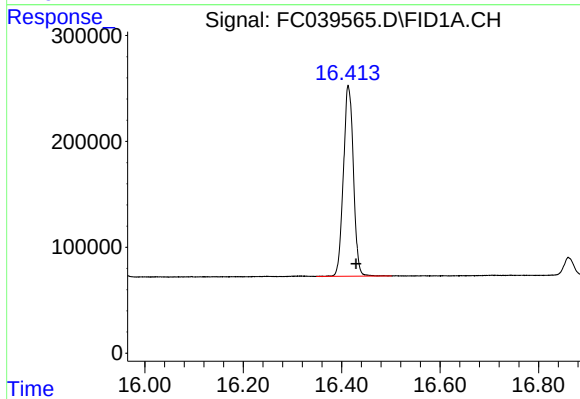
#14 n-Tetracosane (C24)

R.T.: 14.455 min
Delta R.T.: -0.015 min
Response: 2440543
Conc: 19.53 ug/ml



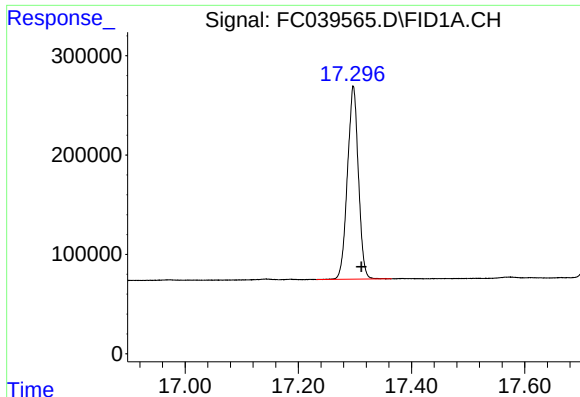
#15 n-Hexacosane (C26)

R.T.: 15.470 min
Delta R.T.: -0.015 min
Response: 2442244
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

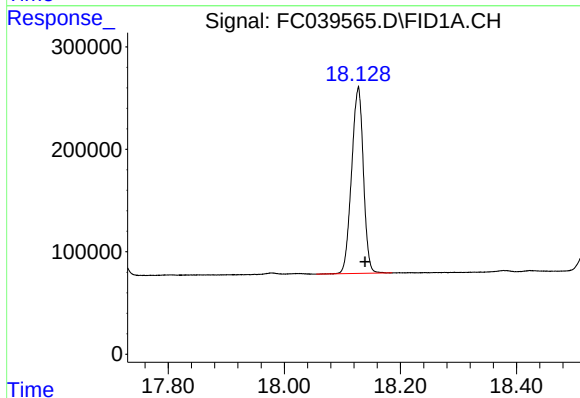
R.T.: 16.414 min
Delta R.T.: -0.015 min
Response: 2534430
Conc: 18.96 ug/ml



#17 n-Tricontane (C30)

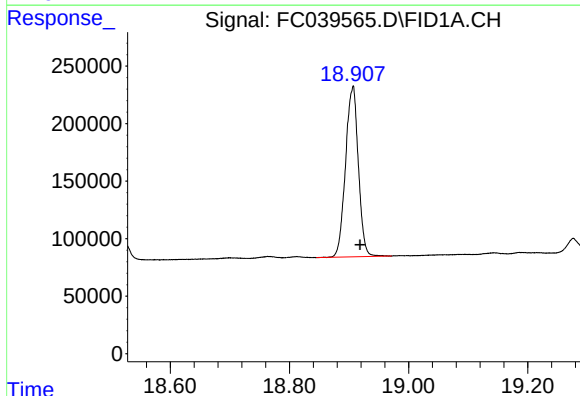
R.T.: 17.297 min
Delta R.T.: -0.014 min
Response: 2613747
Conc: 17.81 ug/ml

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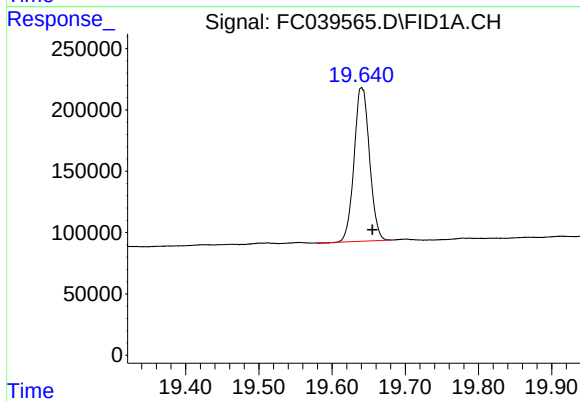
#18 n-Dotriacontane (C32)

R.T.: 18.127 min
Delta R.T.: -0.012 min
Response: 2562222
Conc: 19.07 ug/ml



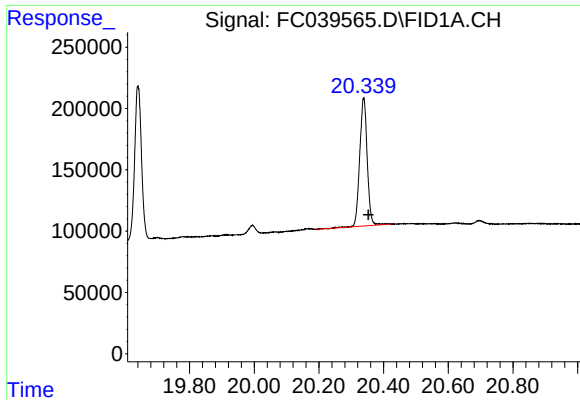
#19 n-Tetratriacontane (C34)

R.T.: 18.906 min
Delta R.T.: -0.013 min
Response: 2210685
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

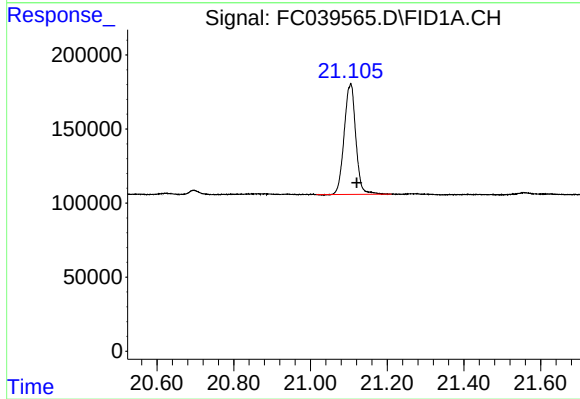
R.T.: 19.641 min
Delta R.T.: -0.014 min
Response: 1829286
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.338 min
Delta R.T.: -0.015 min
Response: 1684392
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.104 min
Delta R.T.: -0.016 min
Response: 1566479
Conc: 17.26 ug/ml