

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121518AL\
 Data File : FC038202.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2018 10:12
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 21:53:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 2018
 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)	11.277	2712652	20.808 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	12.719	2058466	20.417 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.116	2221673	21.363 ug/ml
2) T n-Decane (C10)	4.174	2293973	21.903 ug/ml
3) T A~Naphthalene (C11.7)	5.733	2599388	22.128 ug/ml
4) T n-Dodecane (C12)	6.178	2359292	21.853 ug/ml
5) T A~2-methylnaphthalene...	6.781	2600742	22.134 ug/ml
6) T n-Tetradecane (C14)	7.959	2393874	21.433 ug/ml
7) T n-Hexadecane (C16)	9.549	2428226	21.049 ug/ml
8) T n-Octadecane (C18)	10.981	2433001	20.127 ug/ml
10) T n-Eicosane (C20)	12.281	2428910	20.222 ug/ml
11) T n-Heneicosane (C21)	12.890	2406237	20.737 ug/ml
13) T n-Docosane (C22)	13.473	2414828	20.894 ug/ml
14) T n-Tetracosane (C24)	14.571	2410061	20.991 ug/ml
15) T n-Hexacosane (C26)	15.587	2396821	21.307 ug/ml
16) T n-Octacosane (C28)	16.530	2454462	21.837 ug/ml
17) T n-Tricontane (C30)	17.413	2497109	22.753 ug/ml
18) T n-Dotriacontane (C32)	18.242	2426045	23.686 ug/ml
19) T n-Tetratriacontane (C34)	19.024	2106574	23.904 ug/ml
20) T n-Hexatriacontane (C36)	19.759	1886658	24.082 ug/ml
21) T n-Octatriacontane (C38)	20.458	1766152	22.824 ug/mlm
22) T n-Tetracontane (C40)	21.257	1783896	20.414 ug/ml

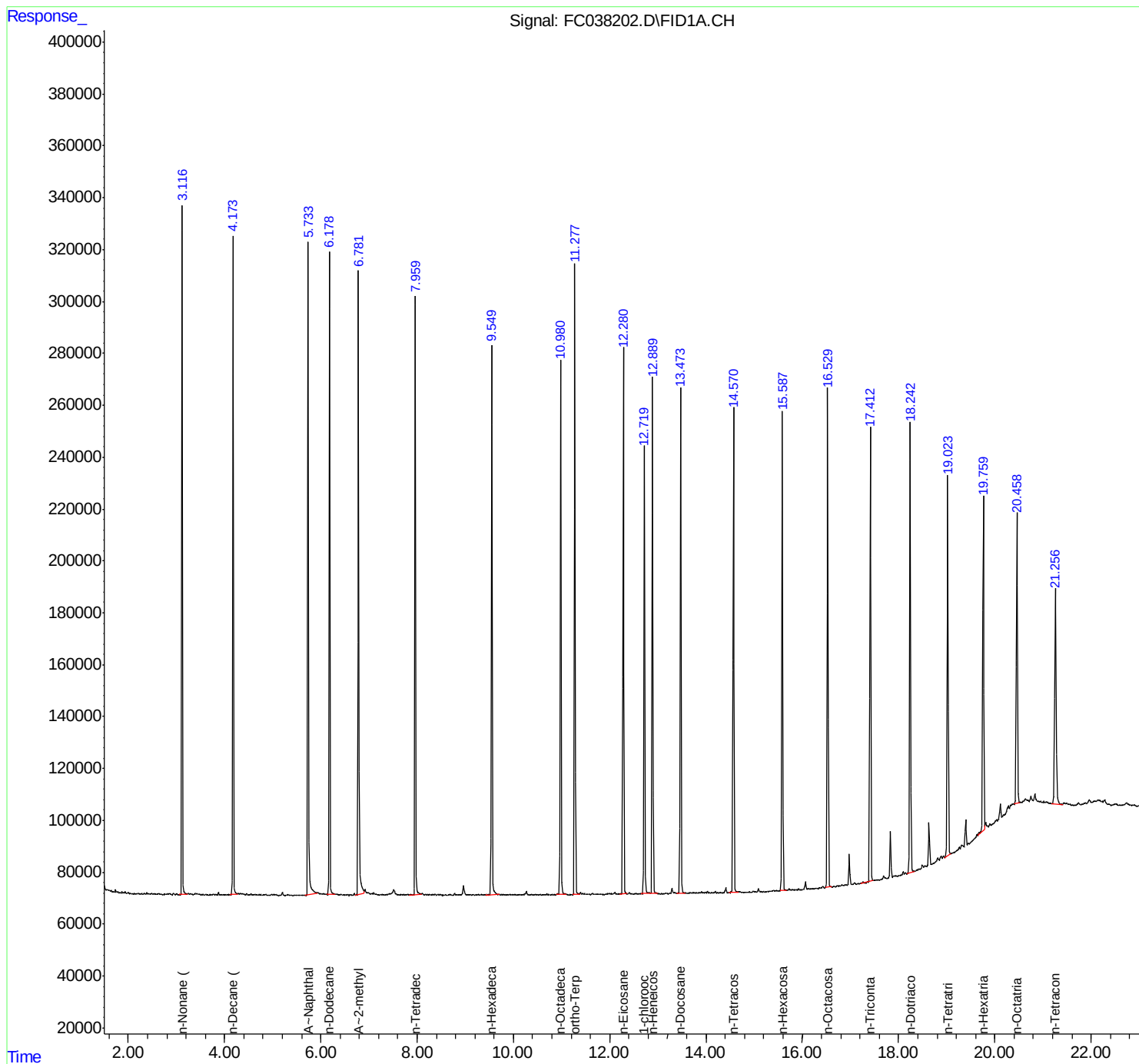
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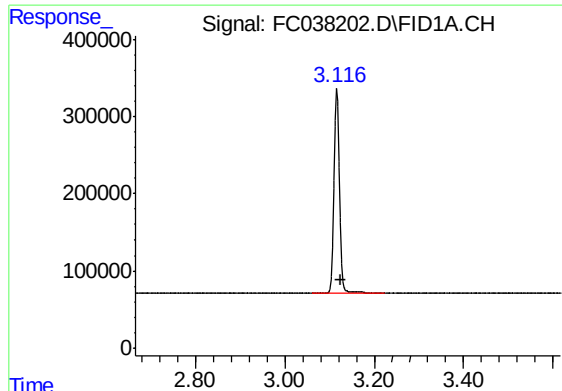
(m)=manual int.

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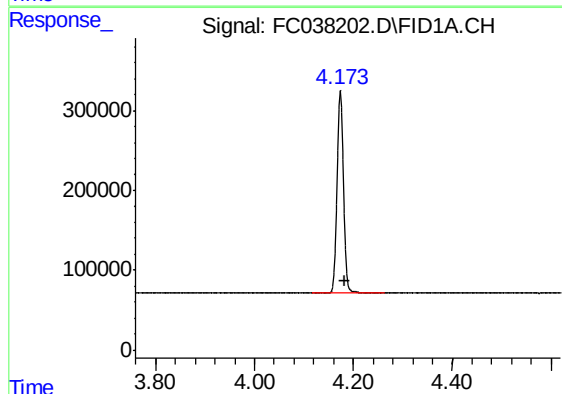
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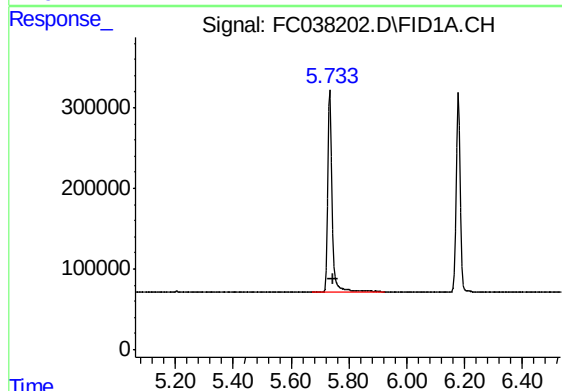
#1 n-Nonane (C9)

R.T.: 3.116 min
Delta R.T.: -0.009 min
Response: 2221673
Conc: 21.36 ug/ml



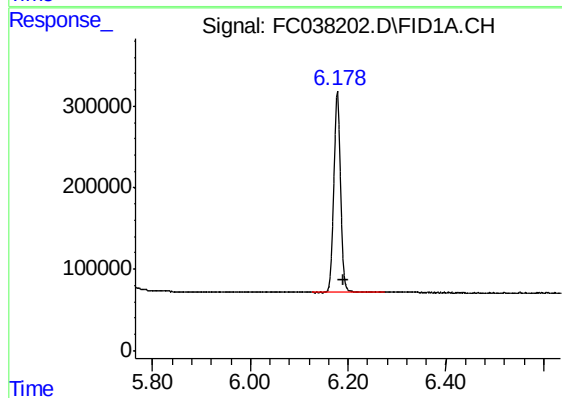
#2 n-Decane (C10)

R.T.: 4.174 min
Delta R.T.: -0.009 min
Response: 2293973
Conc: 21.90 ug/ml



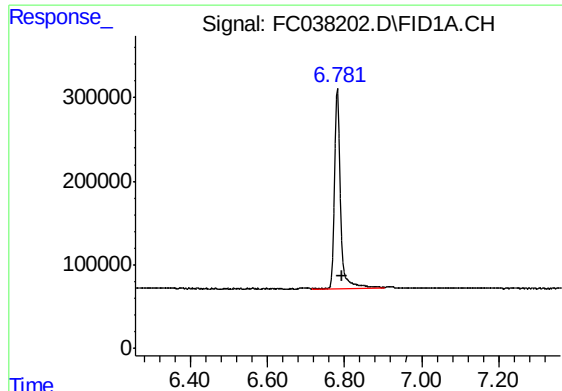
#3 A~Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.010 min
Response: 2599388
Conc: 22.13 ug/ml



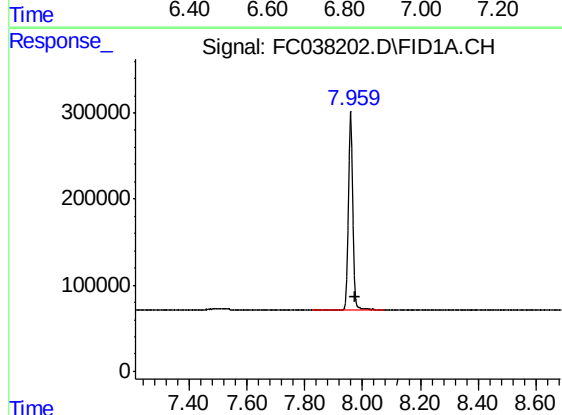
#4 n-Dodecane (C12)

R.T.: 6.178 min
Delta R.T.: -0.012 min
Response: 2359292
Conc: 21.85 ug/ml



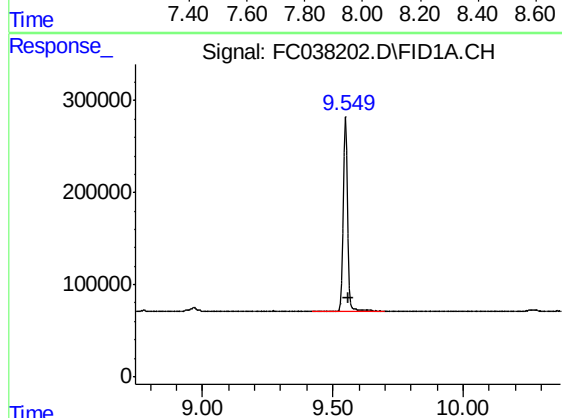
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 2600742
Conc: 22.13 ug/ml



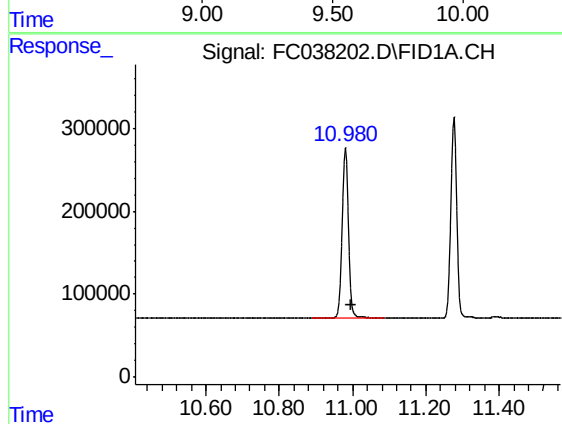
#6 n-Tetradecane (C14)

R.T.: 7.959 min
Delta R.T.: -0.013 min
Response: 2393874
Conc: 21.43 ug/ml



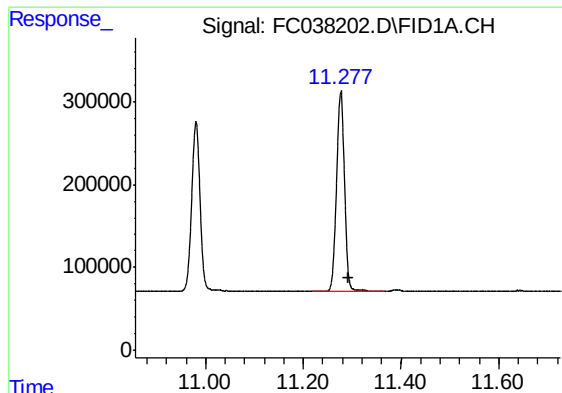
#7 n-Hexadecane (C16)

R.T.: 9.549 min
Delta R.T.: -0.014 min
Response: 2428226
Conc: 21.05 ug/ml



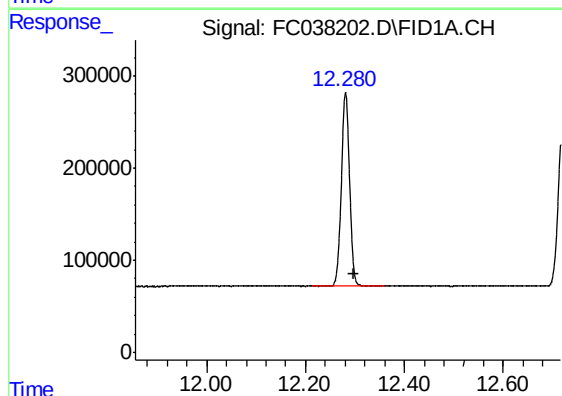
#8 n-Octadecane (C18)

R.T.: 10.981 min
Delta R.T.: -0.015 min
Response: 2433001
Conc: 20.13 ug/ml



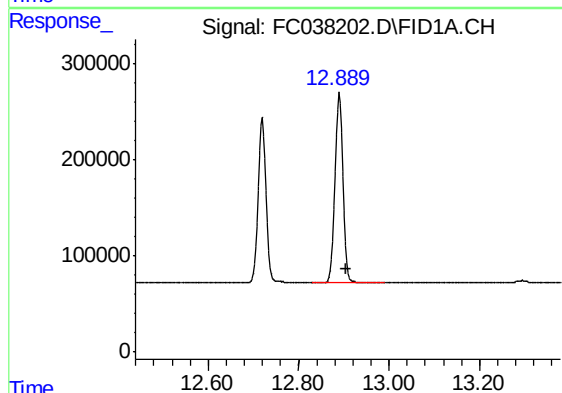
#9 ortho-Terphenyl (SURR)

R.T.: 11.277 min
Delta R.T.: -0.017 min
Response: 2712652
Conc: 20.81 ug/ml



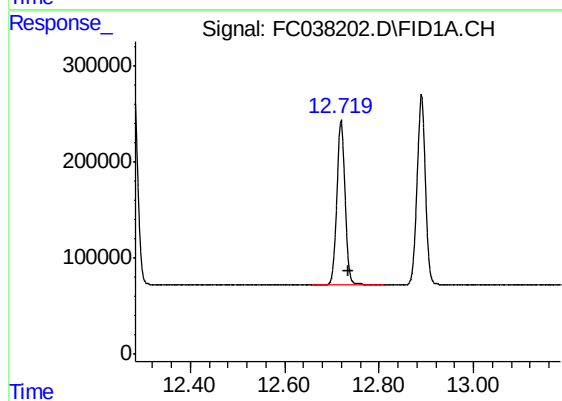
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: -0.016 min
Response: 2428910
Conc: 20.22 ug/ml



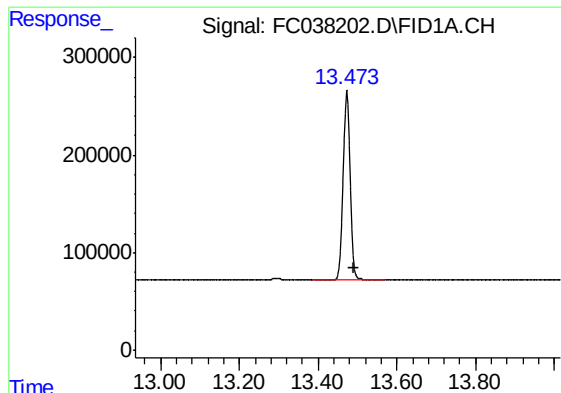
#11 n-Heneicosane (C21)

R.T.: 12.890 min
Delta R.T.: -0.016 min
Response: 2406237
Conc: 20.74 ug/ml



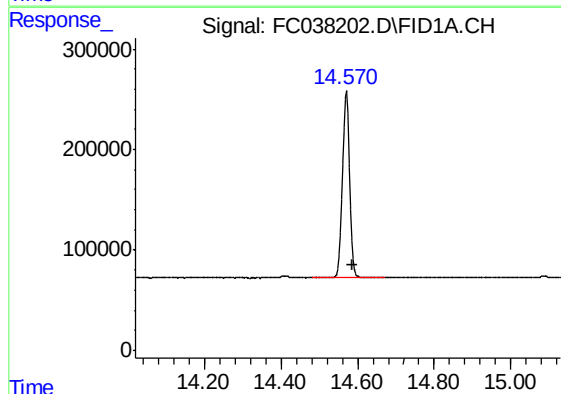
#12 1-chlorooctadecane (SURR)

R.T.: 12.719 min
Delta R.T.: -0.015 min
Response: 2058466
Conc: 20.42 ug/ml



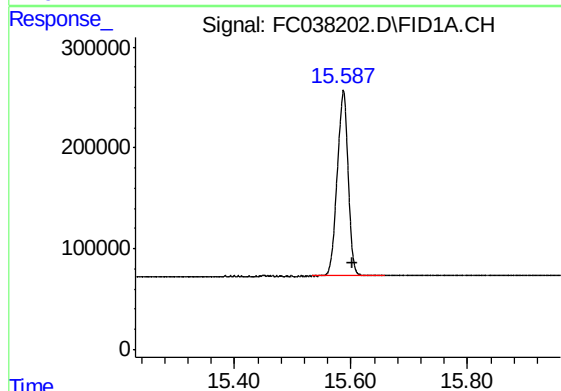
#13 n-Docosane (C22)

R.T.: 13.473 min
Delta R.T.: -0.016 min
Response: 2414828
Conc: 20.89 ug/ml



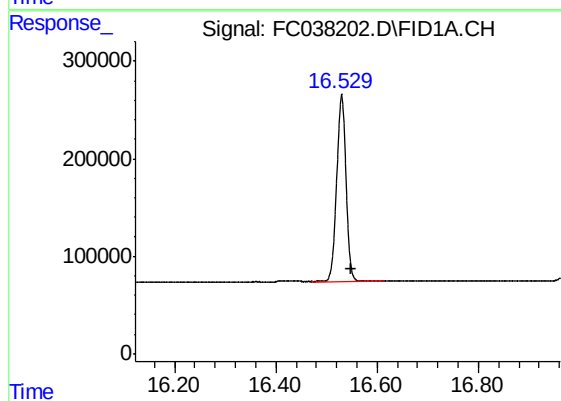
#14 n-Tetracosane (C24)

R.T.: 14.571 min
Delta R.T.: -0.016 min
Response: 2410061
Conc: 20.99 ug/ml



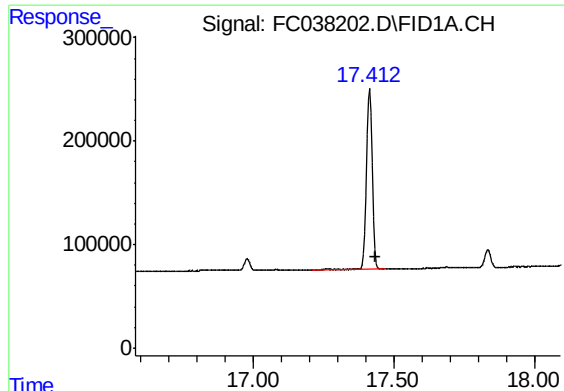
#15 n-Hexacosane (C26)

R.T.: 15.587 min
Delta R.T.: -0.016 min
Response: 2396821
Conc: 21.31 ug/ml



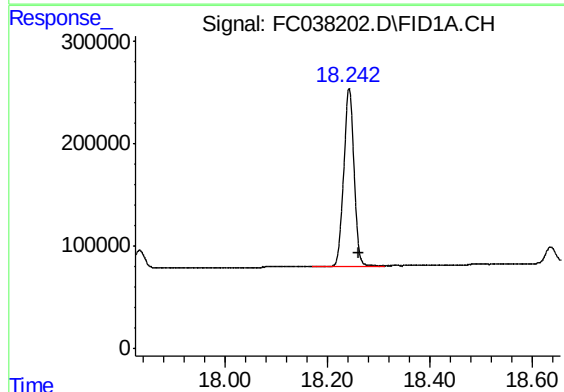
#16 n-Octacosane (C28)

R.T.: 16.530 min
Delta R.T.: -0.019 min
Response: 2454462
Conc: 21.84 ug/ml



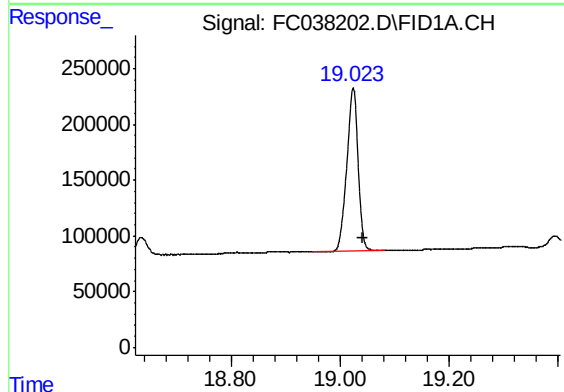
#17 n-Tricontane (C30)

R.T.: 17.413 min
Delta R.T.: -0.020 min
Response: 2497109
Conc: 22.75 ug/ml



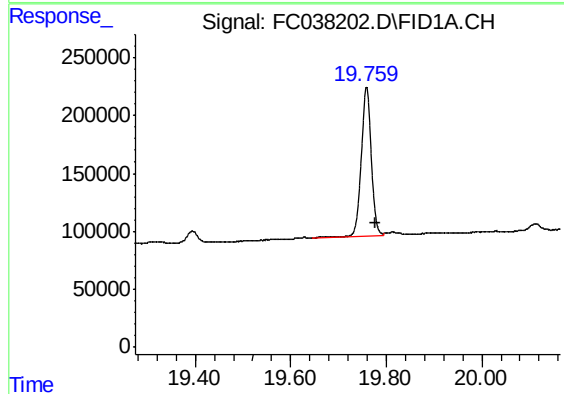
#18 n-Dotriacontane (C32)

R.T.: 18.242 min
Delta R.T.: -0.019 min
Response: 2426045
Conc: 23.69 ug/ml



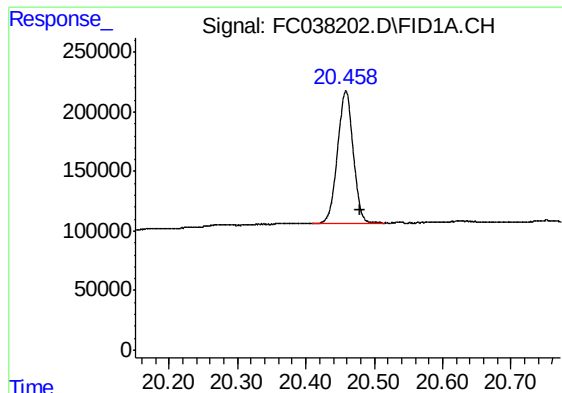
#19 n-Tetratriacontane (C34)

R.T.: 19.024 min
Delta R.T.: -0.017 min
Response: 2106574
Conc: 23.90 ug/ml



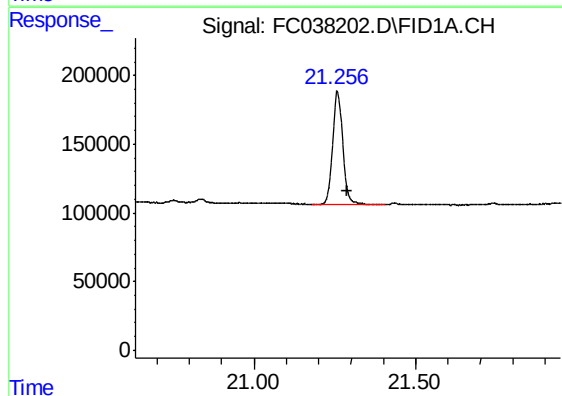
#20 n-Hexatriacontane (C36)

R.T.: 19.759 min
Delta R.T.: -0.020 min
Response: 1886658
Conc: 24.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.458 min
Delta R.T.: -0.022 min
Response: 1766152
Conc: 22.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.257 min
Delta R.T.: -0.032 min
Response: 1783896
Conc: 20.41 ug/ml