

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009237.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 16:13
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 16:39:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 15:18:23 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.760	931159	6.148 ug/ml
Spiked Amount 50.000		Recovery =	12.30%
12) S 1-chlorooctadecane (S...	12.203	716217	6.029 ug/ml
Spiked Amount 50.000		Recovery =	12.06%
Target Compounds			
1) T n-Nonane (C9)	2.614	749536	5.877 ug/ml
2) T n-Decane (C10)	3.618	725254	5.720 ug/ml
3) T A~Naphthalene (C11.7)	5.199	637424	4.935 ug/ml
4) T n-Dodecane (C12)	5.607	758646	5.906 ug/ml
5) T A~2-methylnaphthalene...	6.254	574936	4.594 ug/ml
6) T n-Tetradecane (C14)	7.402	753004	5.848 ug/ml
7) T n-Hexadecane (C16)	9.004	779777	5.927 ug/ml
8) T n-Octadecane (C18)	10.446	832564	6.027 ug/ml
10) T n-Eicosane (C20)	11.757	836892	6.014 ug/ml
11) T n-Heneicosane (C21)	12.369	884523	6.126 ug/ml
13) T n-Docosane (C22)	12.956	879606	6.104 ug/ml
14) T n-Tetracosane (C24)	14.061	911074	6.176 ug/ml
15) T n-Hexacosane (C26)	15.083	921944	6.246 ug/ml
16) T n-Octacosane (C28)	16.032	925188	6.261 ug/ml
17) T n-Tricontane (C30)	16.920	903562	6.265 ug/ml
18) T n-Dotriacontane (C32)	17.753	837978	6.171 ug/ml
19) T n-Tetratriacontane (C34)	18.537	772536	6.018 ug/ml
20) T n-Hexatriacontane (C36)	19.278	750803	6.179 ug/ml
21) T n-Octatriacontane (C38)	19.994	728353	6.225 ug/ml
22) T n-Tetracontane (C40)	20.855	667914	5.964 ug/ml

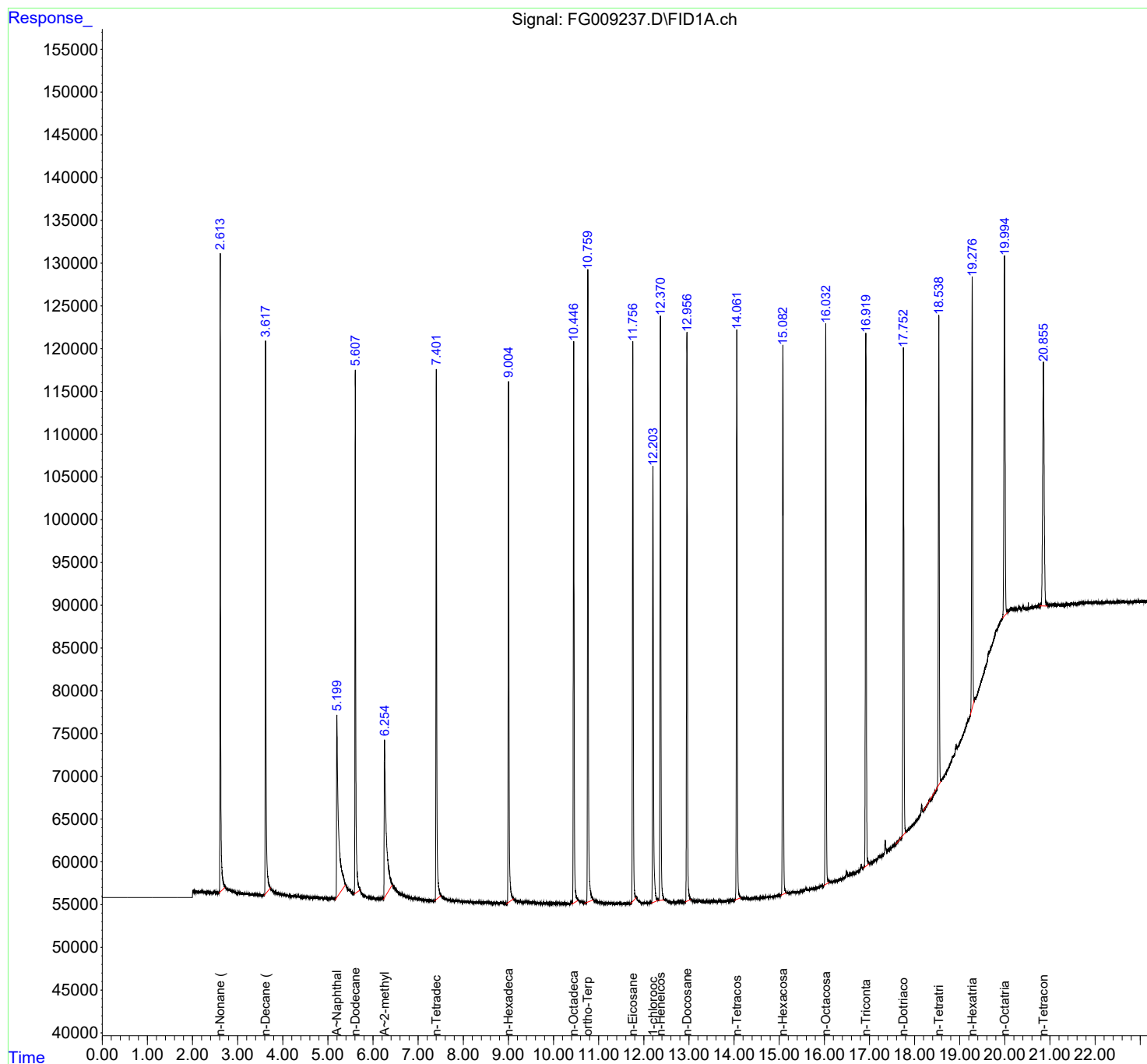
(f)=RT Delta > 1/2 Window

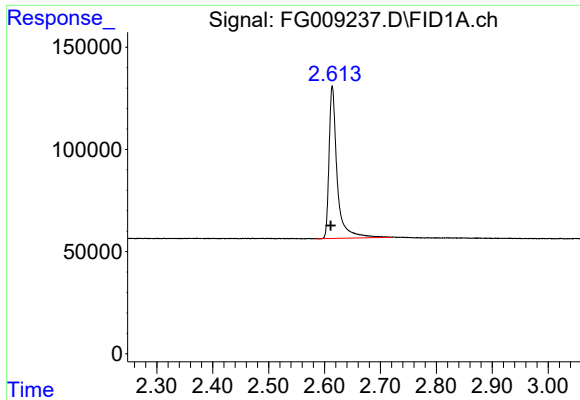
(m)=manual int.

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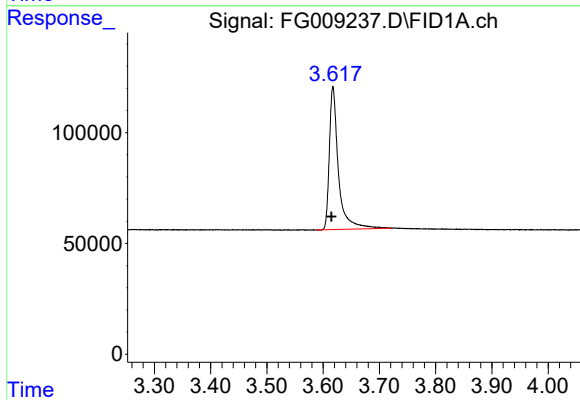
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Signal Info : 20M x 0.18mm x 0.18um





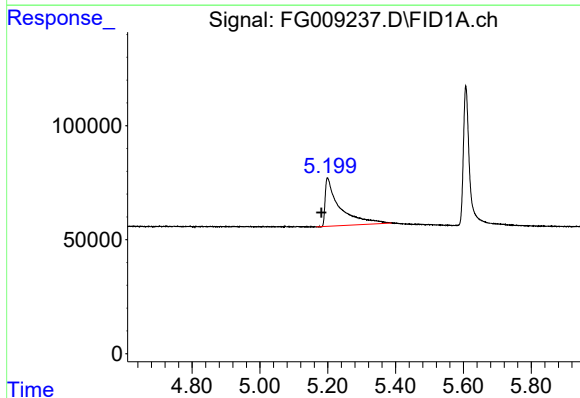
#1 n-Nonane (C9)

R.T.: 2.614 min
Delta R.T.: 0.003 min
Response: 749536
Conc: 5.88 ug/ml



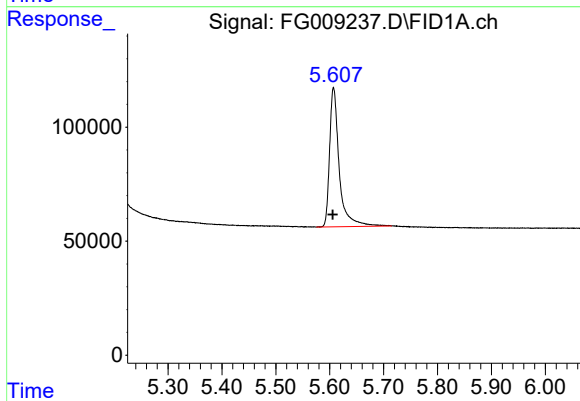
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: 0.003 min
Response: 725254
Conc: 5.72 ug/ml



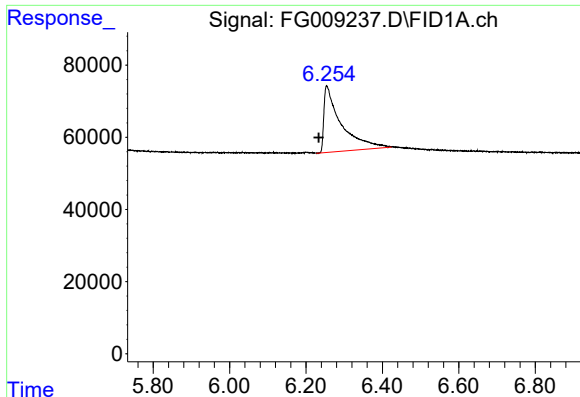
#3 A~Naphthalene (C11.7)

R.T.: 5.199 min
Delta R.T.: 0.018 min
Response: 637424
Conc: 4.93 ug/ml



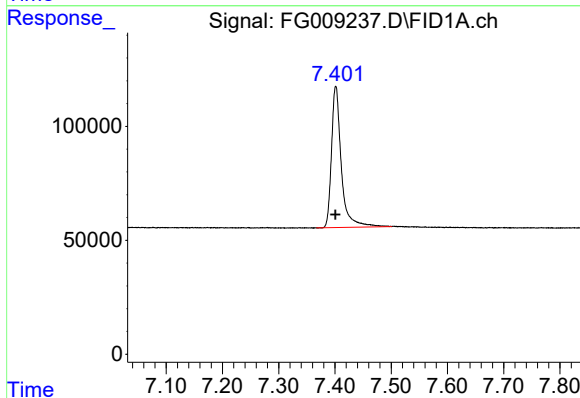
#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: 0.001 min
Response: 758646
Conc: 5.91 ug/ml



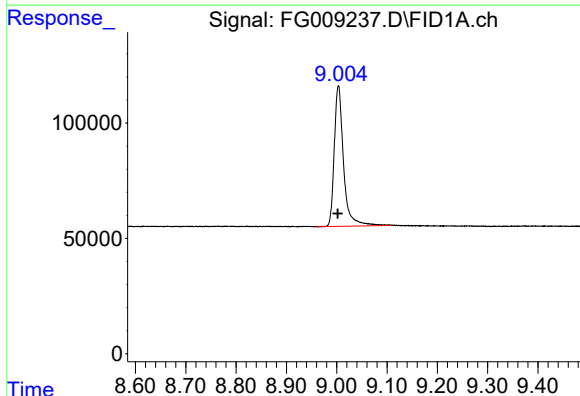
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.254 min
Delta R.T.: 0.020 min
Response: 574936
Conc: 4.59 ug/ml



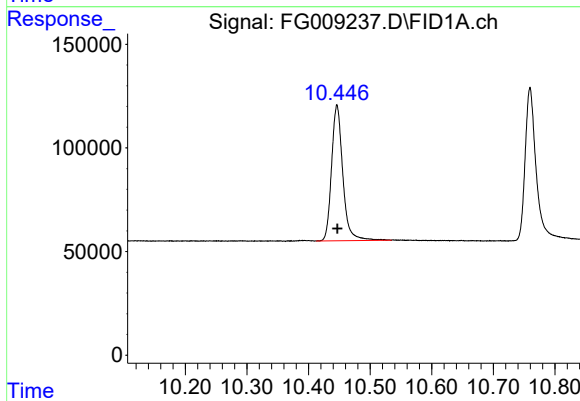
#6 n-Tetradecane (C14)

R.T.: 7.402 min
Delta R.T.: 0.001 min
Response: 753004
Conc: 5.85 ug/ml



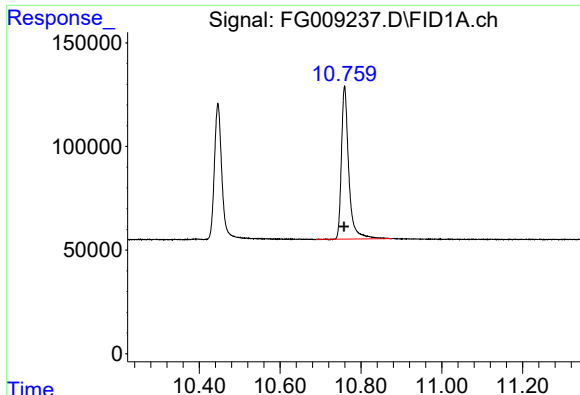
#7 n-Hexadecane (C16)

R.T.: 9.004 min
Delta R.T.: 0.001 min
Response: 779777
Conc: 5.93 ug/ml



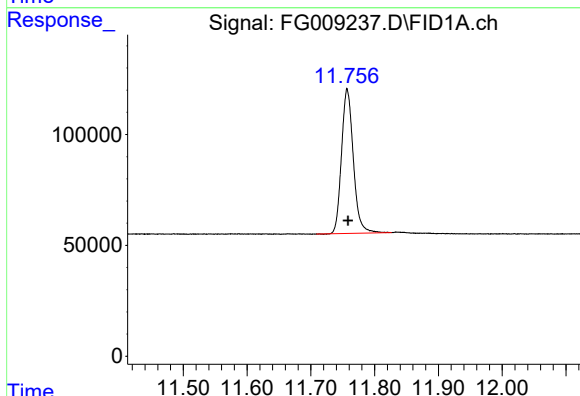
#8 n-Octadecane (C18)

R.T.: 10.446 min
Delta R.T.: 0.000 min
Response: 832564
Conc: 6.03 ug/ml



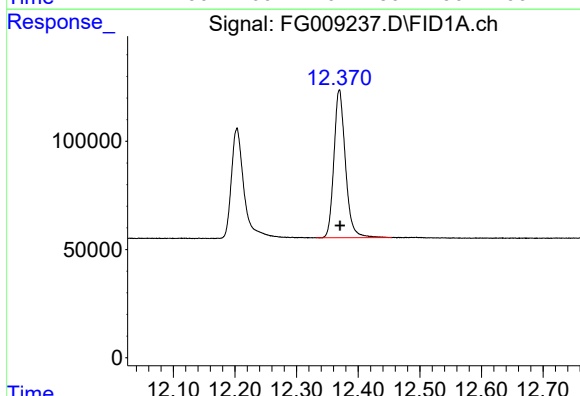
#9 ortho-Terphenyl (SURR)

R.T.: 10.760 min
Delta R.T.: 0.002 min
Response: 931159
Conc: 6.15 ug/ml



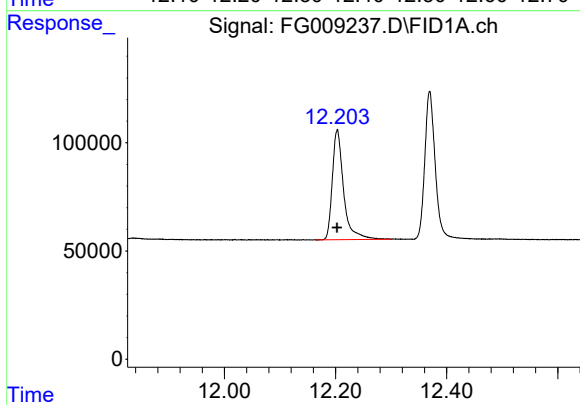
#10 n-Eicosane (C20)

R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 836892
Conc: 6.01 ug/ml



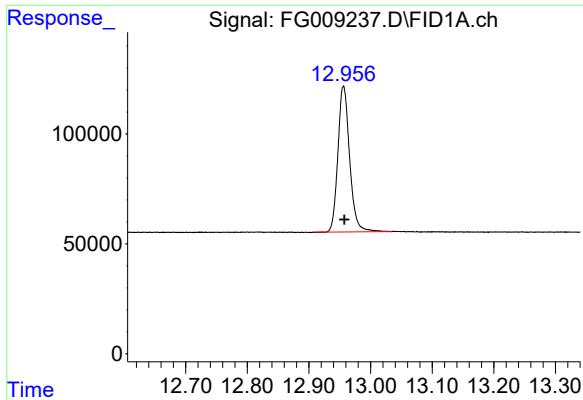
#11 n-Heneicosane (C21)

R.T.: 12.369 min
Delta R.T.: -0.001 min
Response: 884523
Conc: 6.13 ug/ml



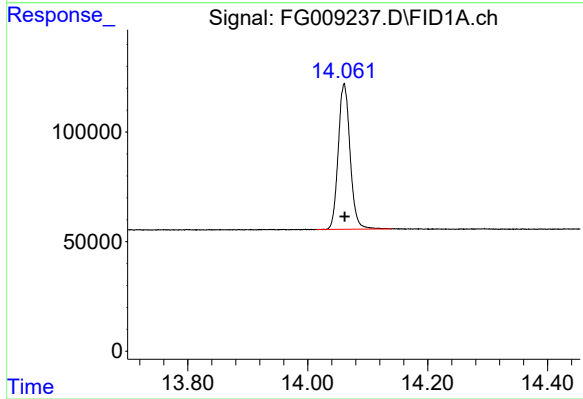
#12 1-chlorooctadecane (SURR)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 716217
Conc: 6.03 ug/ml



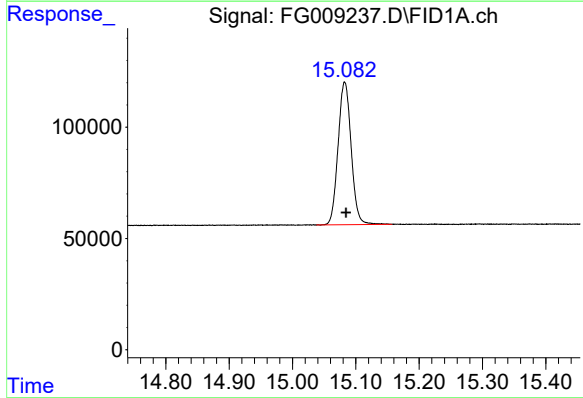
#13 n-Docosane (C22)

R.T.: 12.956 min
Delta R.T.: -0.002 min
Response: 879606
Conc: 6.10 ug/ml



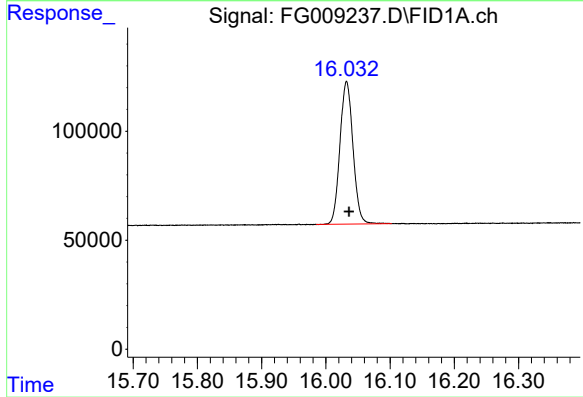
#14 n-Tetracosane (C24)

R.T.: 14.061 min
Delta R.T.: 0.000 min
Response: 911074
Conc: 6.18 ug/ml



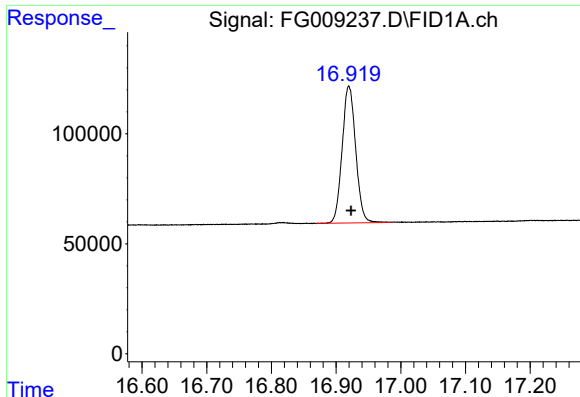
#15 n-Hexacosane (C26)

R.T.: 15.083 min
Delta R.T.: -0.002 min
Response: 921944
Conc: 6.25 ug/ml



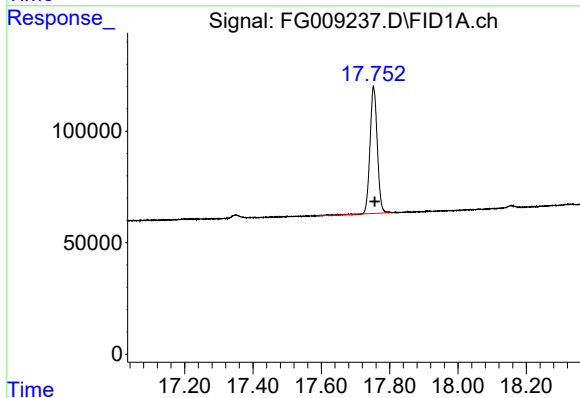
#16 n-Octacosane (C28)

R.T.: 16.032 min
Delta R.T.: -0.004 min
Response: 925188
Conc: 6.26 ug/ml



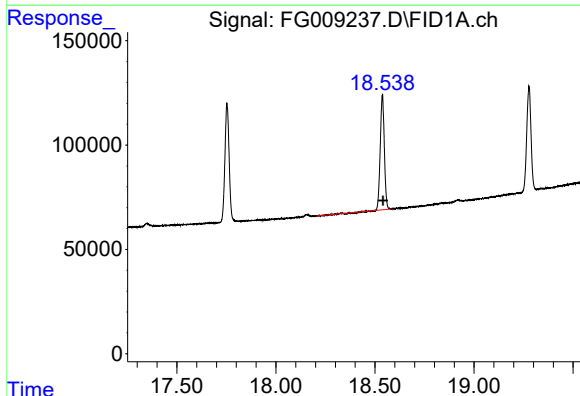
#17 n-Tricontane (C30)

R.T.: 16.920 min
Delta R.T.: -0.003 min
Response: 903562
Conc: 6.26 ug/ml



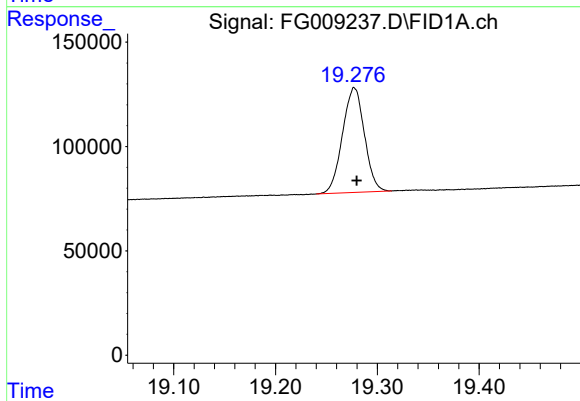
#18 n-Dotriacontane (C32)

R.T.: 17.753 min
Delta R.T.: -0.004 min
Response: 837978
Conc: 6.17 ug/ml



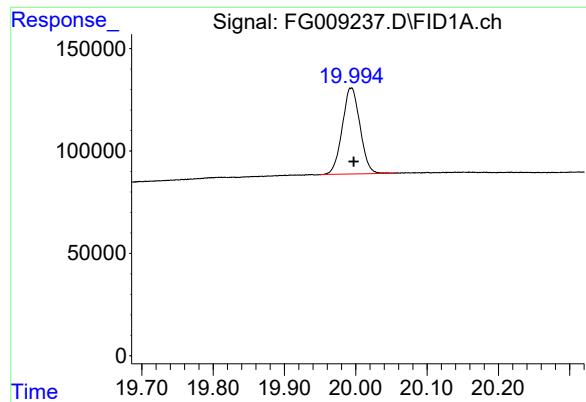
#19 n-Tetratriacontane (C34)

R.T.: 18.537 min
Delta R.T.: -0.004 min
Response: 772536
Conc: 6.02 ug/ml



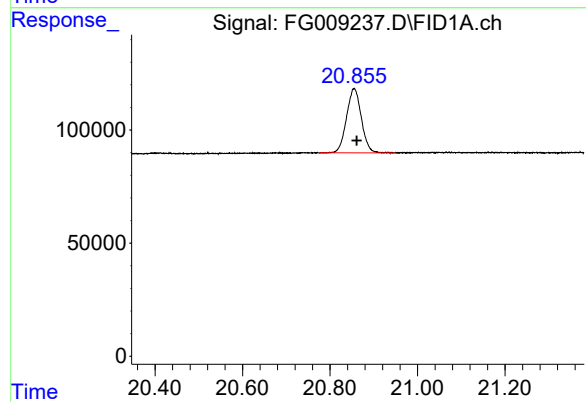
#20 n-Hexatriacontane (C36)

R.T.: 19.278 min
Delta R.T.: -0.002 min
Response: 750803
Conc: 6.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.994 min
Delta R.T.: -0.003 min
Response: 728353
Conc: 6.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.855 min
Delta R.T.: -0.005 min
Response: 667914
Conc: 5.96 ug/ml