

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102819AL\
 Data File : FC044232.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2019 22:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 08:11:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.724	2453679	16.834 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
12) S 1-chlorooctadecane (S...	13.157	1842496	16.478 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
Target Compounds			
1) T n-Nonane (C9)	3.442	2306777	20.941 ug/ml
2) T n-Decane (C10)	4.519	2344878	21.112 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2603036	20.921 ug/ml
4) T n-Dodecane (C12)	6.548	2370979	21.082 ug/ml
5) T A~2-methylnaphthalene...	7.181	2617016	20.753 ug/ml
6) T n-Tetradecane (C14)	8.348	2348716	20.760 ug/ml
7) T n-Hexadecane (C16)	9.952	2321423	20.317 ug/ml
8) T n-Octadecane (C18)	11.397	2269892	19.826 ug/ml
10) T n-Eicosane (C20)	12.710	2198281	19.275 ug/ml
11) T n-Heneicosane (C21)	13.323	2169137	18.911 ug/ml
13) T n-Docosane (C22)	13.910	2116813	18.641 ug/ml
14) T n-Tetracosane (C24)	15.014	2045926	18.092 ug/ml
15) T n-Hexacosane (C26)	16.038	1962410	17.737 ug/ml
16) T n-Octacosane (C28)	16.989	1922042	17.743 ug/ml
17) T n-Tricontane (C30)	17.880	1914740	18.092 ug/ml
18) T n-Dotriacontane (C32)	18.713	1916993	19.035 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1882604	20.078 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1830807	21.090 ug/ml
21) T n-Octatriacontane (C38)	21.014	1789592	22.192 ug/ml
22) T n-Tetracontane (C40)	21.989	1812464	21.442 ug/ml

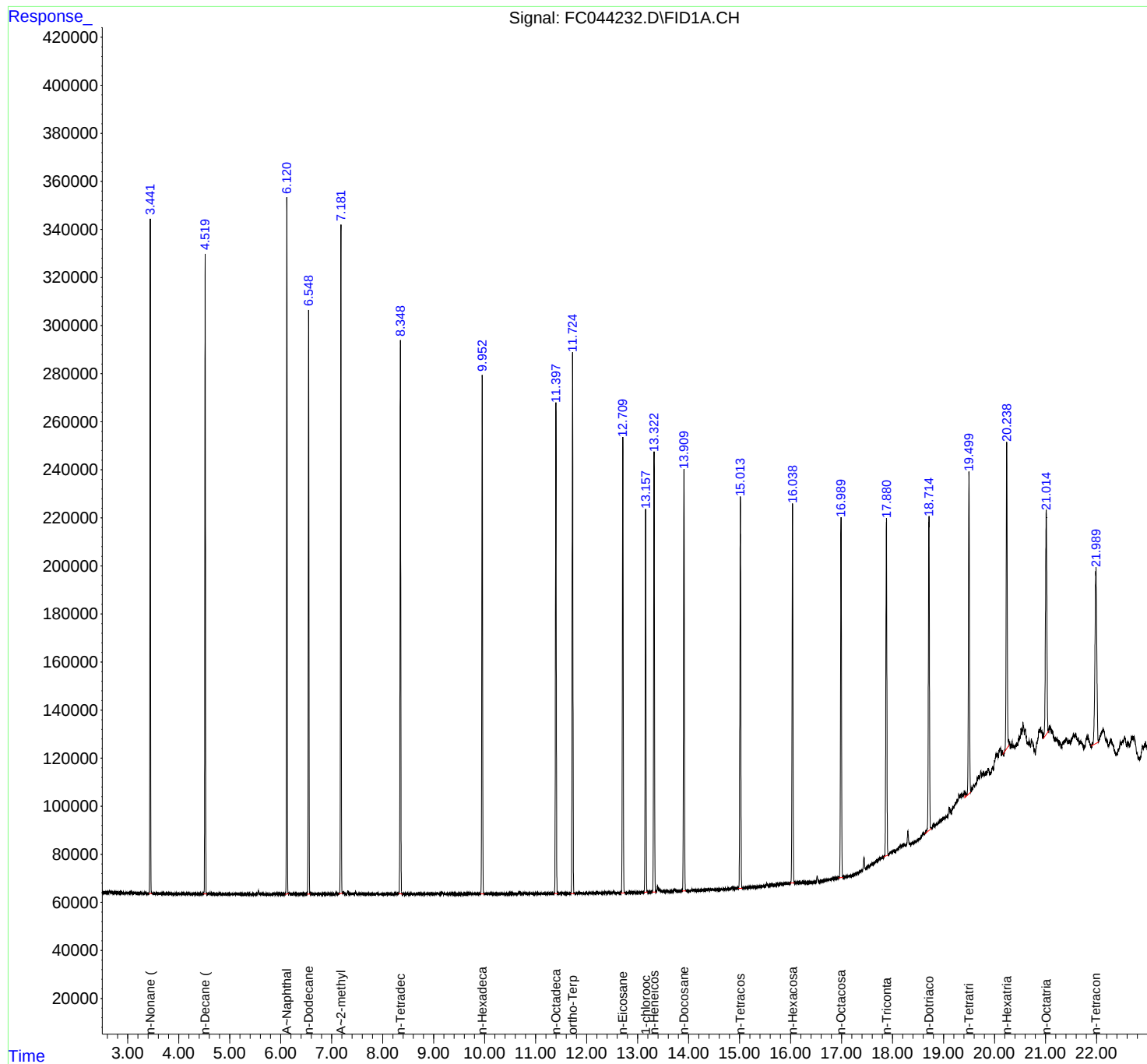
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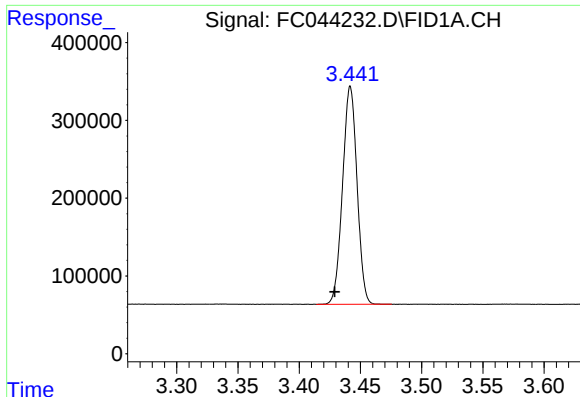
(m)=manual int.

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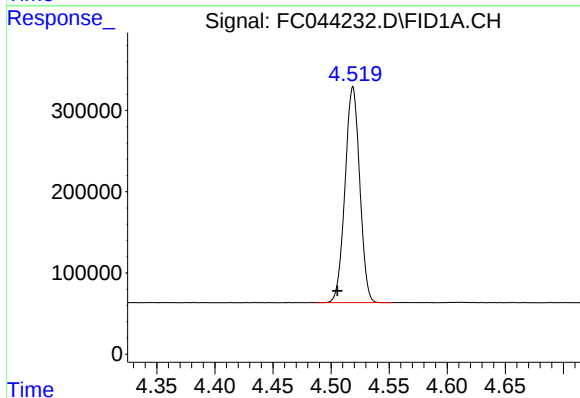
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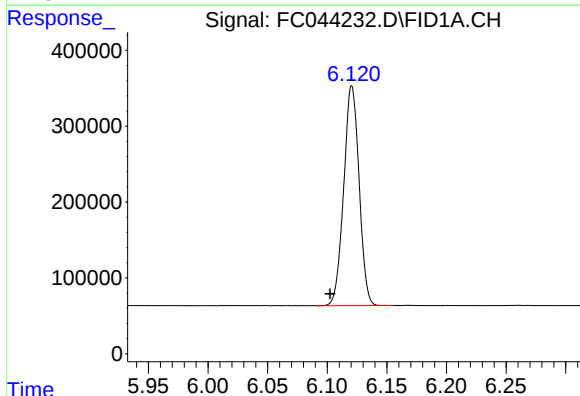
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.013 min
Response: 2306777
Conc: 20.94 ug/ml



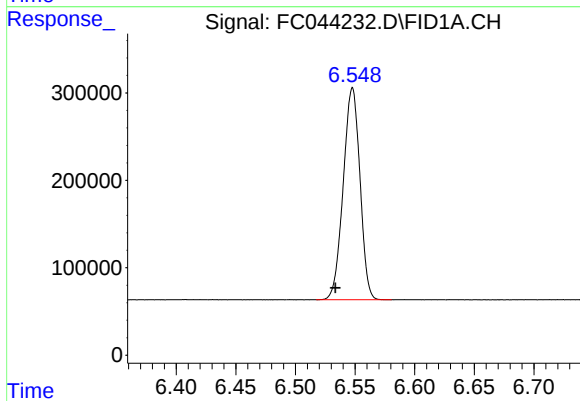
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.013 min
Response: 2344878
Conc: 21.11 ug/ml



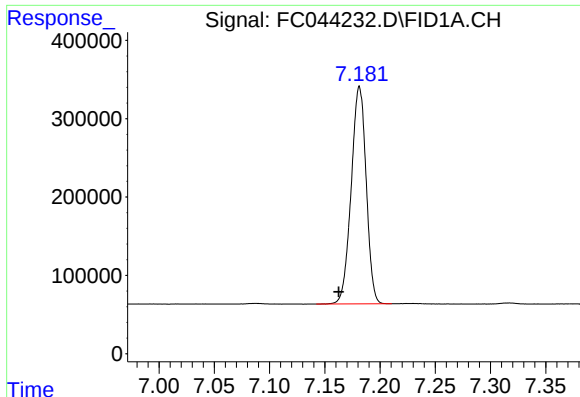
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: 0.018 min
Response: 2603036
Conc: 20.92 ug/ml



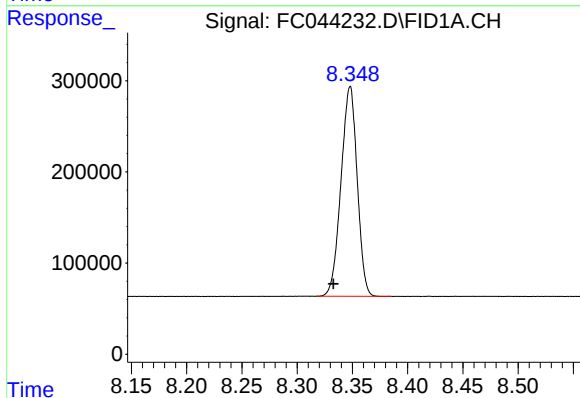
#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: 0.014 min
Response: 2370979
Conc: 21.08 ug/ml



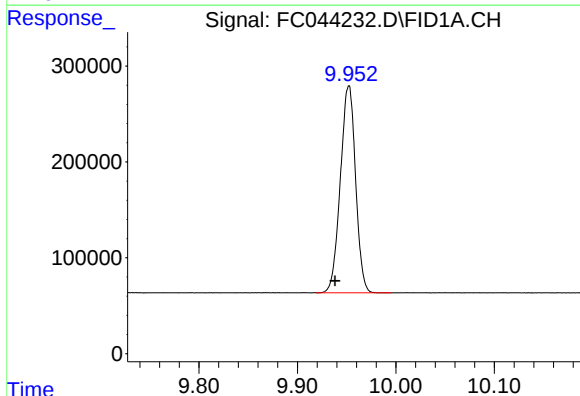
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.181 min
Delta R.T.: 0.019 min
Response: 2617016
Conc: 20.75 ug/ml



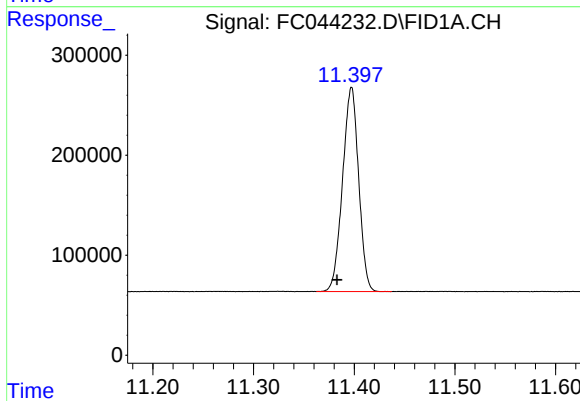
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 2348716
Conc: 20.76 ug/ml



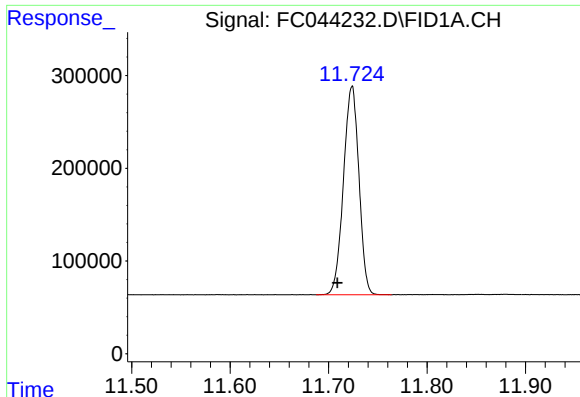
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.014 min
Response: 2321423
Conc: 20.32 ug/ml



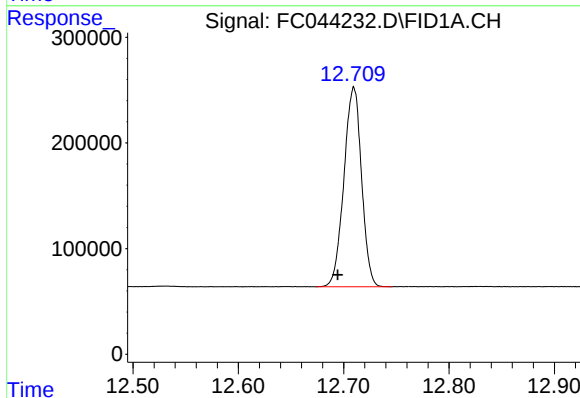
#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: 0.015 min
Response: 2269892
Conc: 19.83 ug/ml



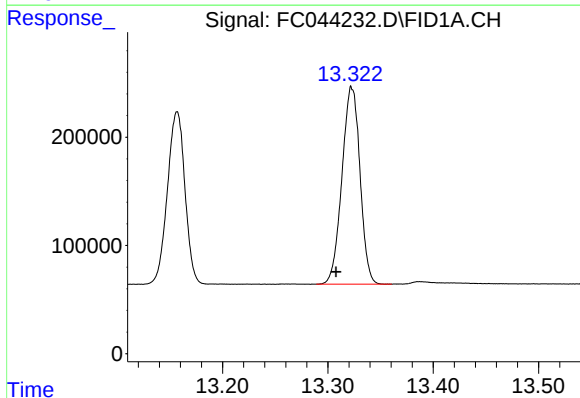
#9 ortho-Terphenyl (SURR)

R.T.: 11.724 min
Delta R.T.: 0.015 min
Response: 2453679
Conc: 16.83 ug/ml



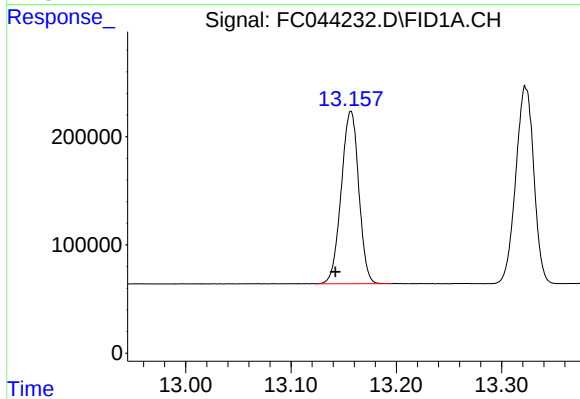
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: 0.015 min
Response: 2198281
Conc: 19.28 ug/ml



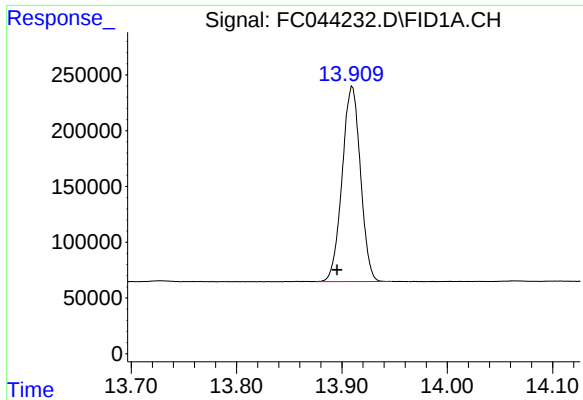
#11 n-Heneicosane (C21)

R.T.: 13.323 min
Delta R.T.: 0.015 min
Response: 2169137
Conc: 18.91 ug/ml



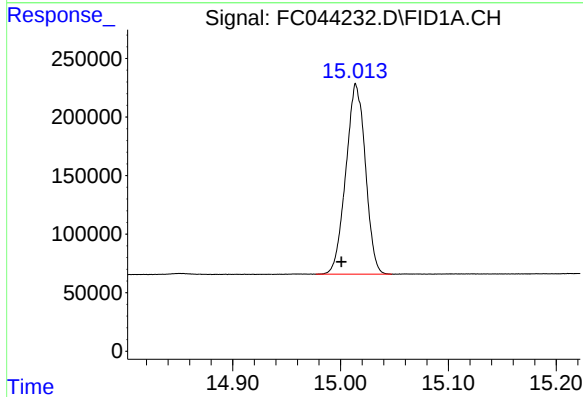
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: 0.015 min
Response: 1842496
Conc: 16.48 ug/ml



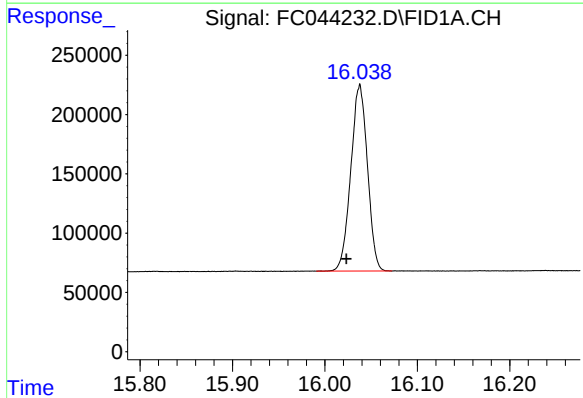
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.014 min
Response: 2116813
Conc: 18.64 ug/ml



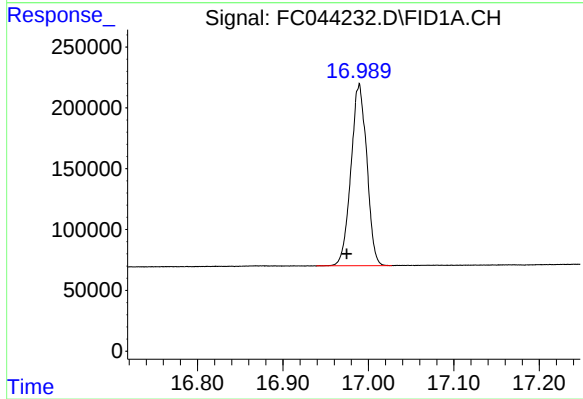
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.013 min
Response: 2045926
Conc: 18.09 ug/ml



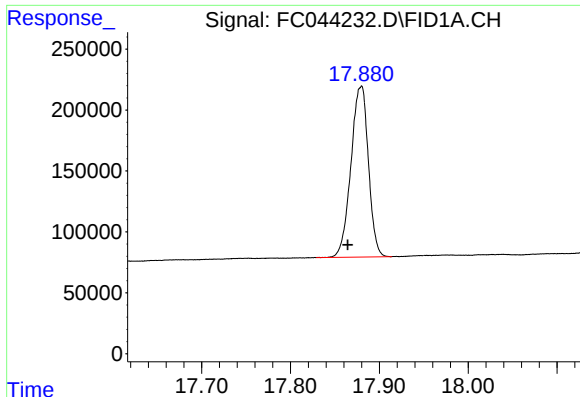
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.014 min
Response: 1962410
Conc: 17.74 ug/ml



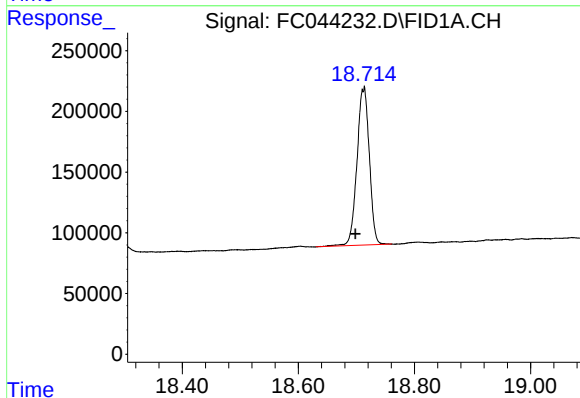
#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.014 min
Response: 1922042
Conc: 17.74 ug/ml



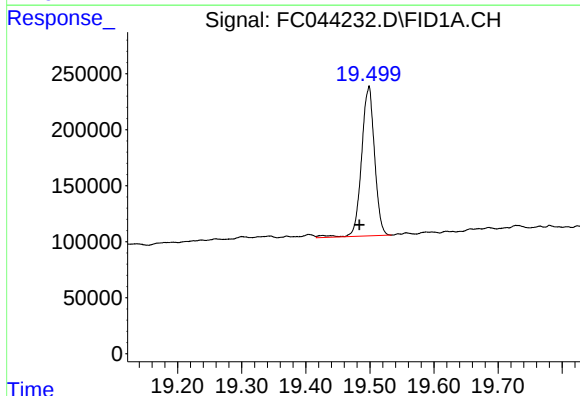
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: 0.015 min
Response: 1914740
Conc: 18.09 ug/ml



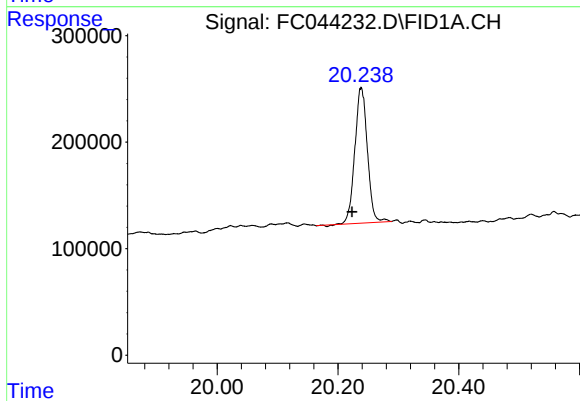
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.015 min
Response: 1916993
Conc: 19.03 ug/ml



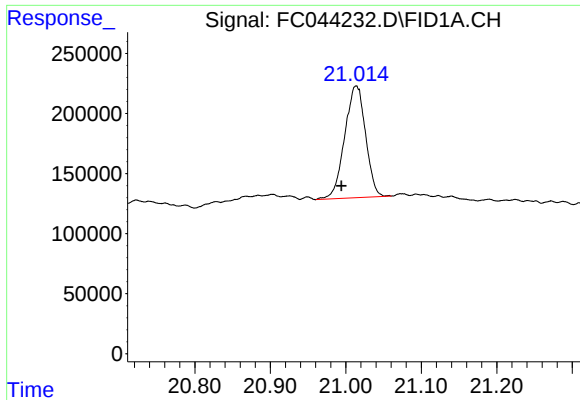
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.015 min
Response: 1882604
Conc: 20.08 ug/ml



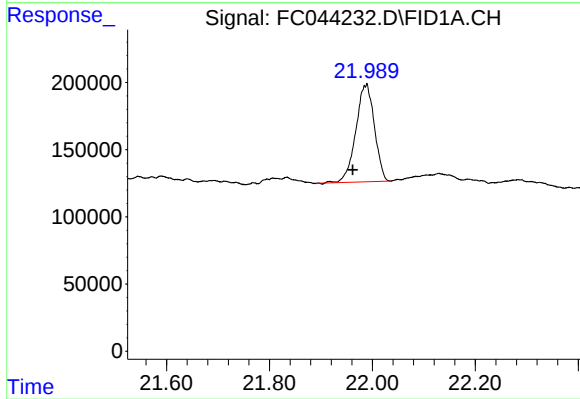
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min
Delta R.T.: 0.015 min
Response: 1830807
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.020 min
Response: 1789592
Conc: 22.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.028 min
Response: 1812464
Conc: 21.44 ug/ml