

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121719AL\
 Data File : FC044967.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2019 12:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 18 02:19:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.761	2250399	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	13.187	1764861	19.930 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T n-Nonane (C9)	3.504	2123522	20.887 ug/ml
2) T n-Decane (C10)	4.578	2142815	21.100 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2386502	20.888 ug/ml
4) T n-Dodecane (C12)	6.599	2163658	21.267 ug/ml
5) T A~2-methylnaphthalene...	7.237	2392017	20.860 ug/ml
6) T n-Tetradecane (C14)	8.391	2168152	21.271 ug/ml
7) T n-Hexadecane (C16)	9.990	2175946	21.207 ug/ml
8) T n-Octadecane (C18)	11.431	2159721	20.859 ug/ml
10) T n-Eicosane (C20)	12.739	2113232	20.258 ug/ml
11) T n-Heneicosane (C21)	13.352	2091481	19.827 ug/ml
13) T n-Docosane (C22)	13.936	2050737	19.440 ug/ml
14) T n-Tetracosane (C24)	15.039	1998629	18.669 ug/ml
15) T n-Hexacosane (C26)	16.058	1933078	18.163 ug/ml
16) T n-Octacosane (C28)	17.008	1884347	17.953 ug/ml
17) T n-Tricontane (C30)	17.894	1809452	18.072 ug/ml
18) T n-Dotriacontane (C32)	18.725	1554008	18.664 ug/ml
19) T n-Tetratriacontane (C34)	19.507	1328998	19.371 ug/ml
20) T n-Hexatriacontane (C36)	20.246	1209331	20.261 ug/ml
21) T n-Octatriacontane (C38)	21.019	1136666	21.144 ug/ml
22) T n-Tetracontane (C40)	21.991	1146731	21.403 ug/ml

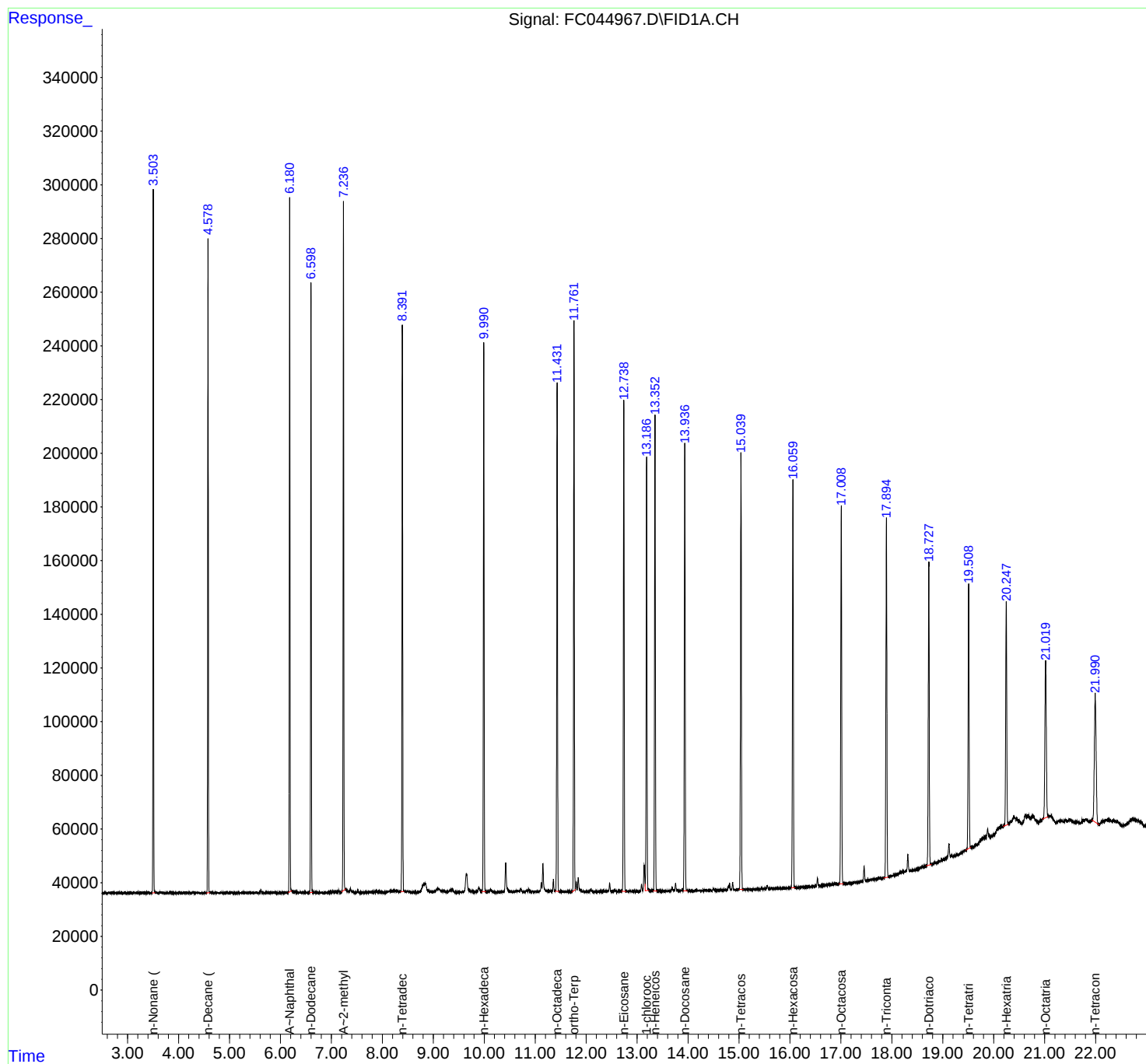
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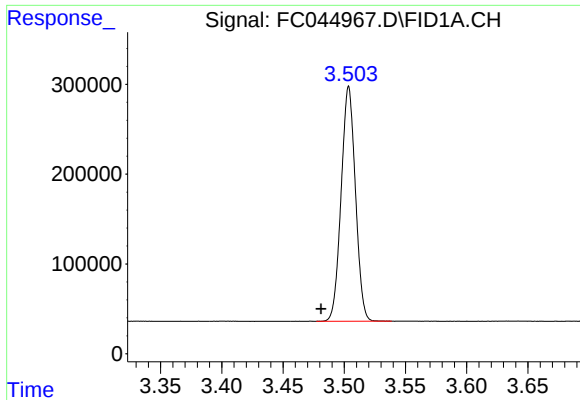
(m)=manual int.

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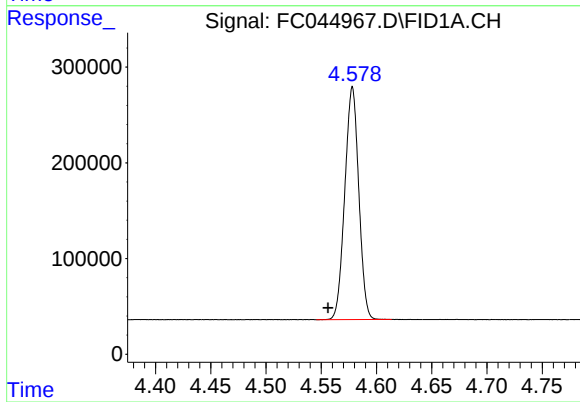
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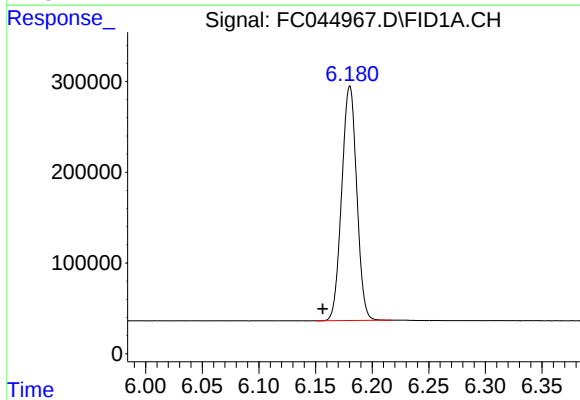
#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.023 min
Response: 2123522
Conc: 20.89 ug/ml



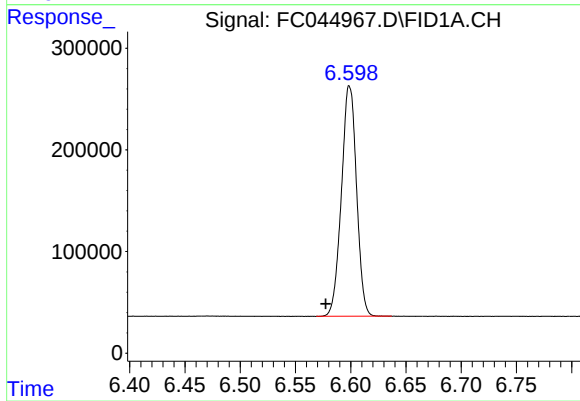
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.022 min
Response: 2142815
Conc: 21.10 ug/ml



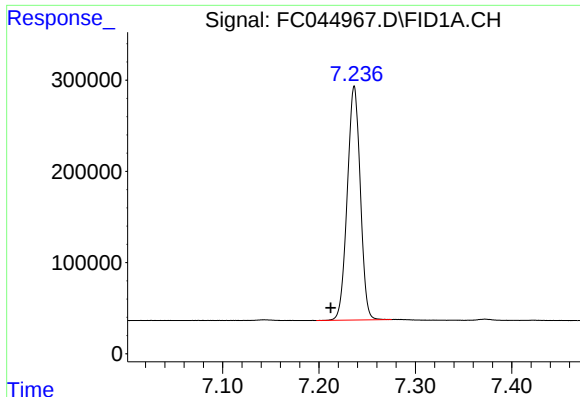
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.024 min
Response: 2386502
Conc: 20.89 ug/ml



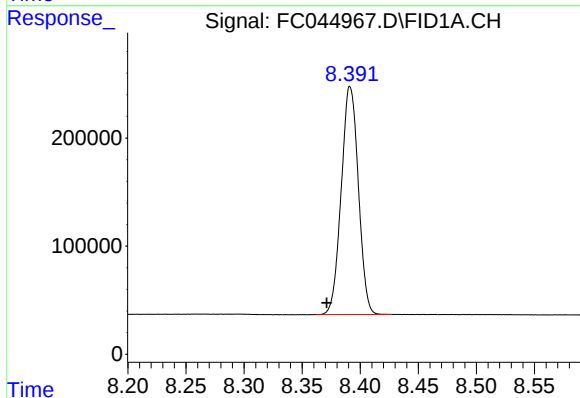
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: 0.022 min
Response: 2163658
Conc: 21.27 ug/ml



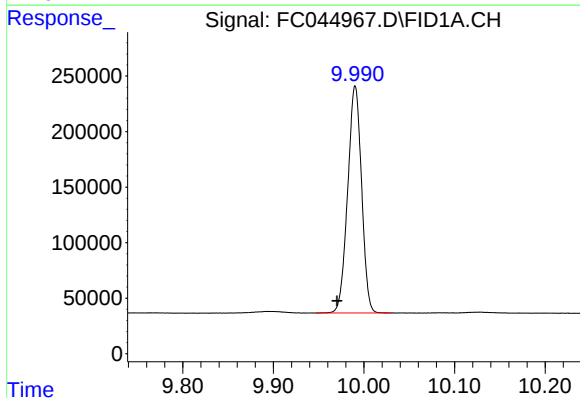
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: 0.024 min
Response: 2392017
Conc: 20.86 ug/ml



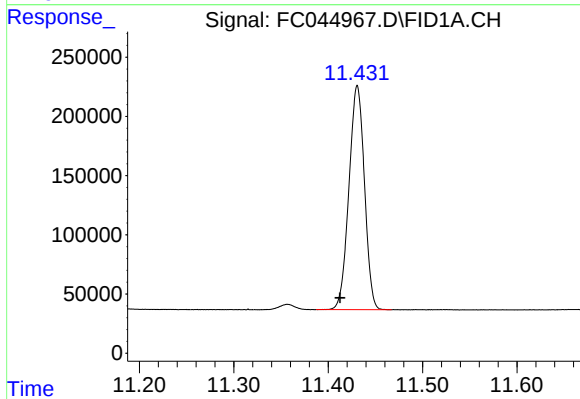
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: 0.020 min
Response: 2168152
Conc: 21.27 ug/ml



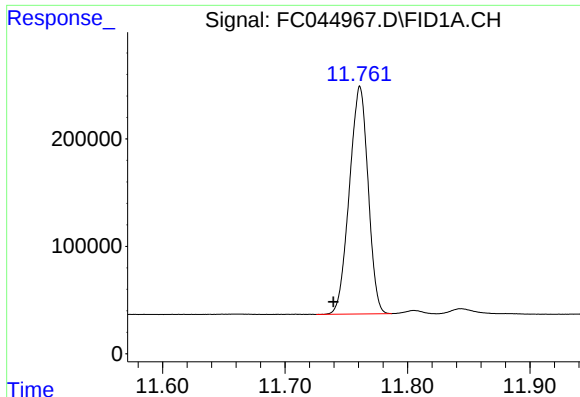
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.020 min
Response: 2175946
Conc: 21.21 ug/ml



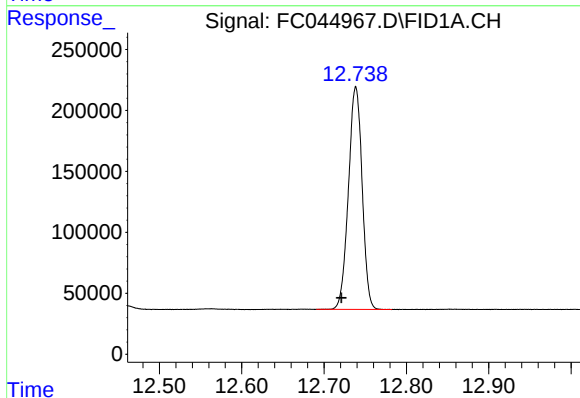
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.018 min
Response: 2159721
Conc: 20.86 ug/ml



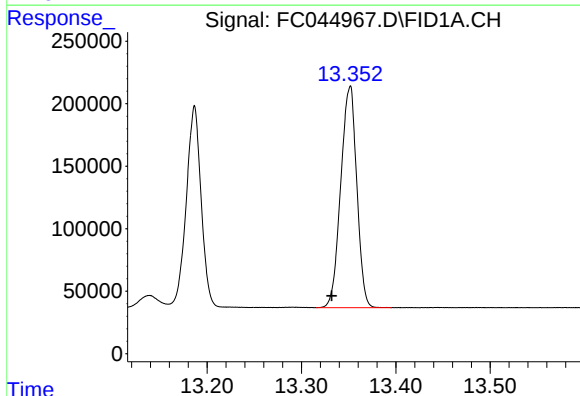
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.022 min
Response: 2250399
Conc: 19.75 ug/ml



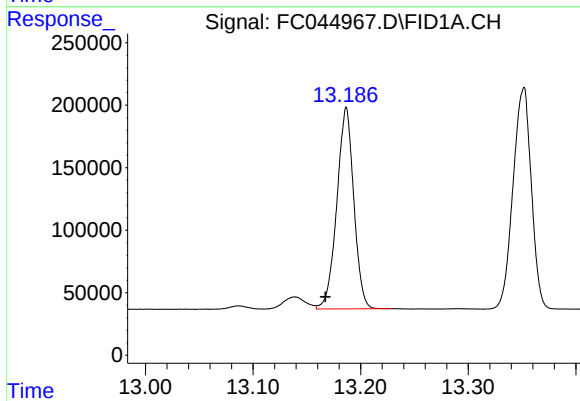
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: 0.017 min
Response: 2113232
Conc: 20.26 ug/ml



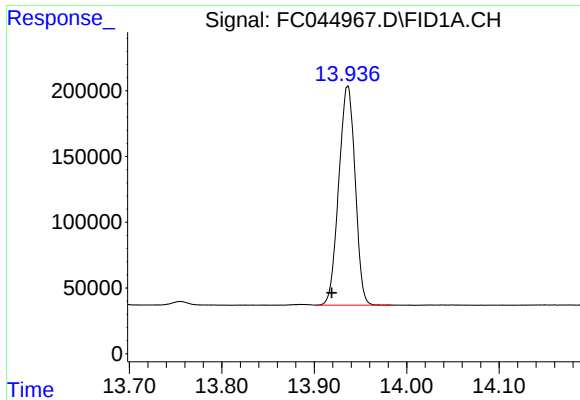
#11 n-Heneicosane (C21)

R.T.: 13.352 min
Delta R.T.: 0.020 min
Response: 2091481
Conc: 19.83 ug/ml



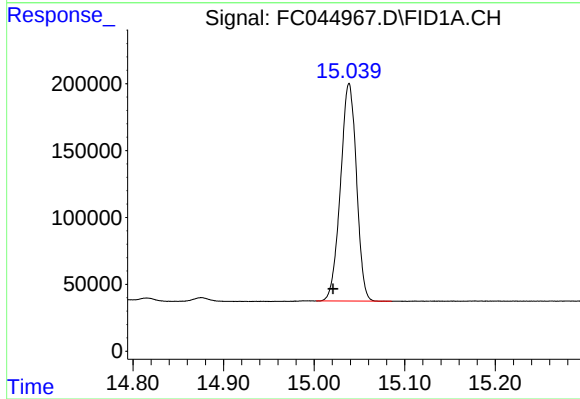
#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: 0.019 min
Response: 1764861
Conc: 19.93 ug/ml



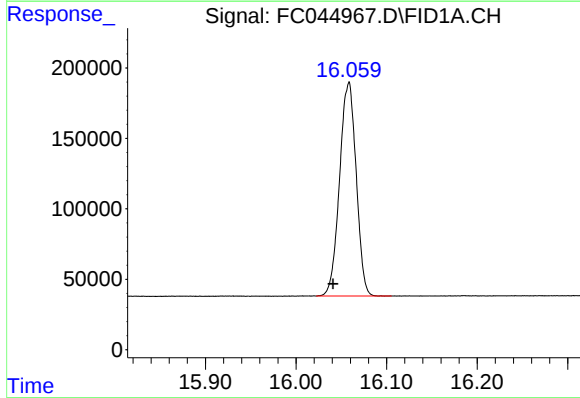
#13 n-Docosane (C22)

R.T.: 13.936 min
Delta R.T.: 0.017 min
Response: 2050737
Conc: 19.44 ug/ml



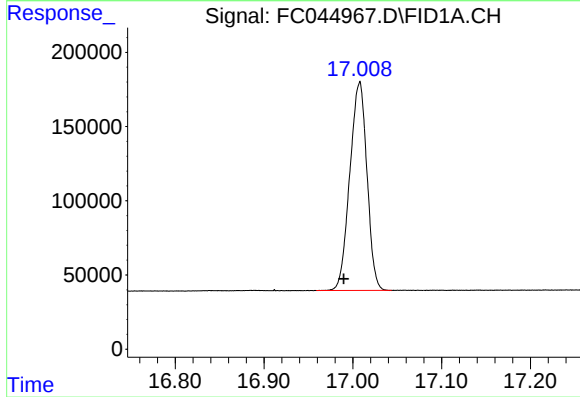
#14 n-Tetracosane (C24)

R.T.: 15.039 min
Delta R.T.: 0.018 min
Response: 1998629
Conc: 18.67 ug/ml



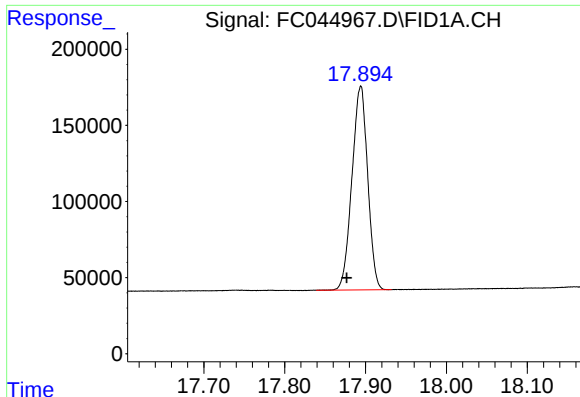
#15 n-Hexacosane (C26)

R.T.: 16.058 min
Delta R.T.: 0.017 min
Response: 1933078
Conc: 18.16 ug/ml



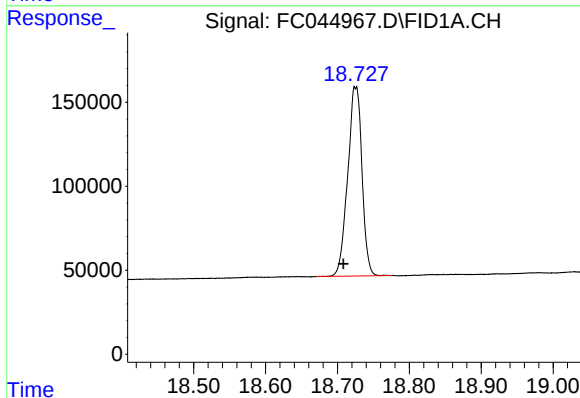
#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: 0.018 min
Response: 1884347
Conc: 17.95 ug/ml



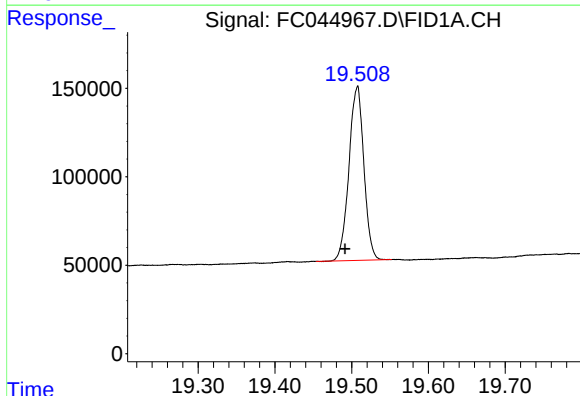
#17 n-Tricontane (C30)

R.T.: 17.894 min
Delta R.T.: 0.017 min
Response: 1809452
Conc: 18.07 ug/ml



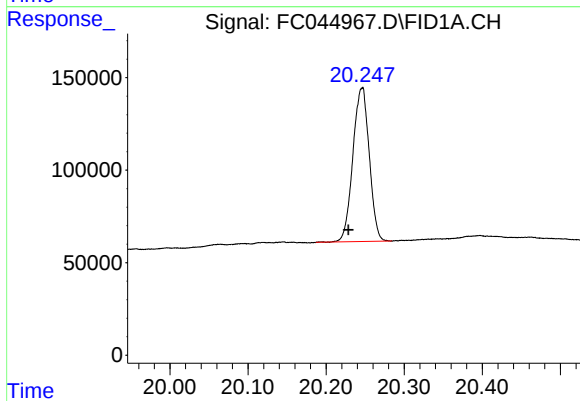
#18 n-Dotriacontane (C32)

R.T.: 18.725 min
Delta R.T.: 0.017 min
Response: 1554008
Conc: 18.66 ug/ml



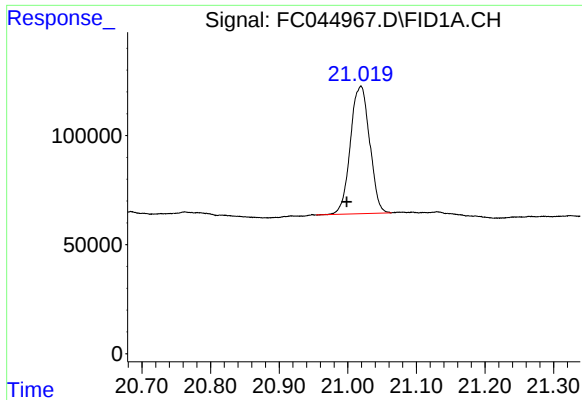
#19 n-Tetratriacontane (C34)

R.T.: 19.507 min
Delta R.T.: 0.016 min
Response: 1328998
Conc: 19.37 ug/ml



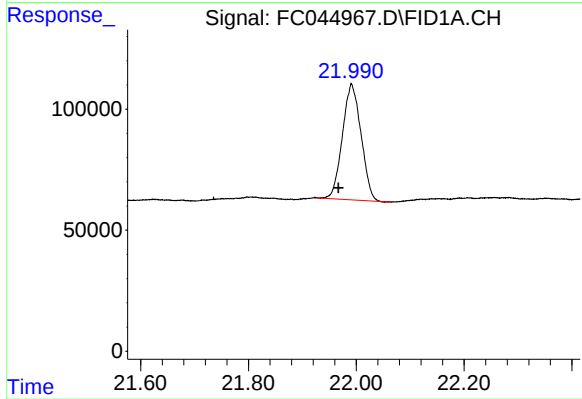
#20 n-Hexatriacontane (C36)

R.T.: 20.246 min
Delta R.T.: 0.018 min
Response: 1209331
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min
Delta R.T.: 0.020 min
Response: 1136666
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.024 min
Response: 1146731
Conc: 21.40 ug/ml