

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121619AL\
 Data File : FC044961.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2019 00:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 17 01:03:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.758	2358680	20.699 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.182	1837386	20.749 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.505	2247513	22.107 ug/ml
2) T n-Decane (C10)	4.580	2264561	22.299 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2520972	22.065 ug/ml
4) T n-Dodecane (C12)	6.599	2287318	22.482 ug/ml
5) T A~2-methylnaphthalene...	7.236	2522937	22.002 ug/ml
6) T n-Tetradecane (C14)	8.391	2293183	22.498 ug/ml
7) T n-Hexadecane (C16)	9.988	2286932	22.288 ug/ml
8) T n-Octadecane (C18)	11.428	2256909	21.797 ug/ml
10) T n-Eicosane (C20)	12.736	2198895	21.079 ug/ml
11) T n-Heneicosane (C21)	13.347	2181458	20.680 ug/ml
13) T n-Docosane (C22)	13.932	2137120	20.258 ug/ml
14) T n-Tetracosane (C24)	15.032	2082000	19.447 ug/ml
15) T n-Hexacosane (C26)	16.054	2014809	18.931 ug/ml
16) T n-Octacosane (C28)	17.000	1958329	18.658 ug/ml
17) T n-Tricontane (C30)	17.887	1880222	18.779 ug/ml
18) T n-Dotriacontane (C32)	18.718	1609162	19.327 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1390958	20.274 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1310077	21.949 ug/ml
21) T n-Octatriacontane (C38)	21.006	1227884	22.841 ug/ml
22) T n-Tetracontane (C40)	21.978	1164998	21.744 ug/ml

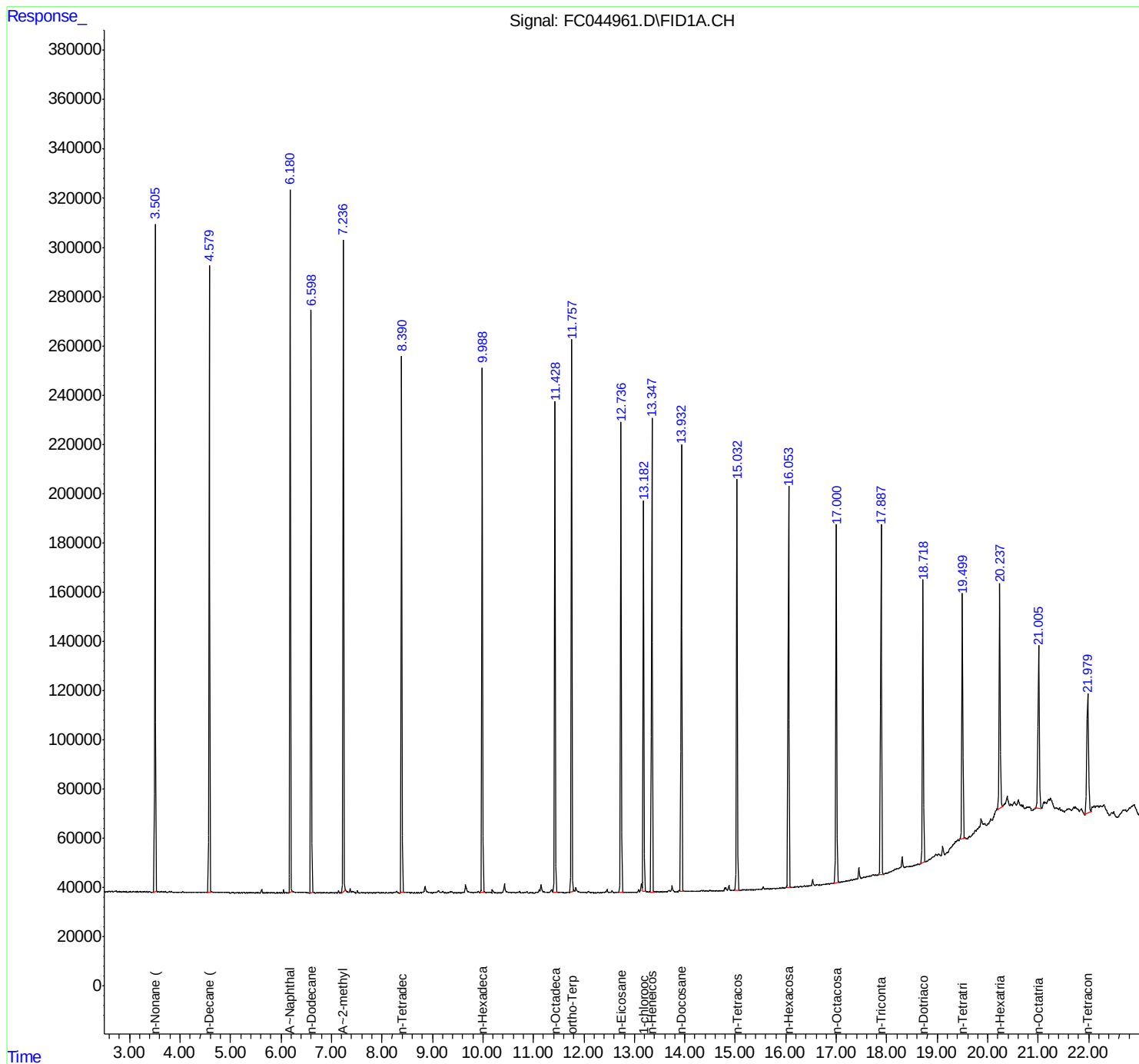
(f)=RT Delta > 1/2 Window

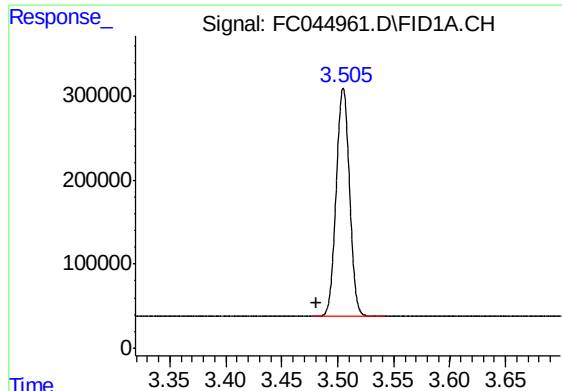
(m)=manual int.

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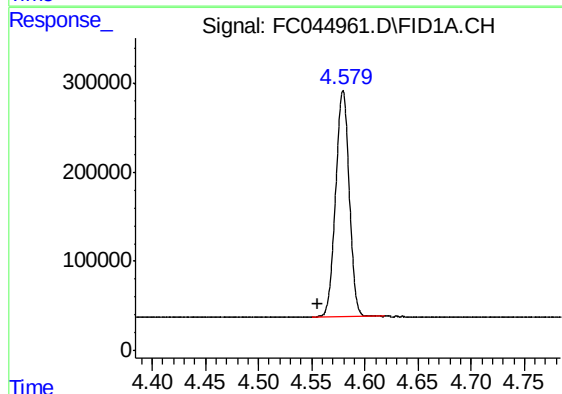
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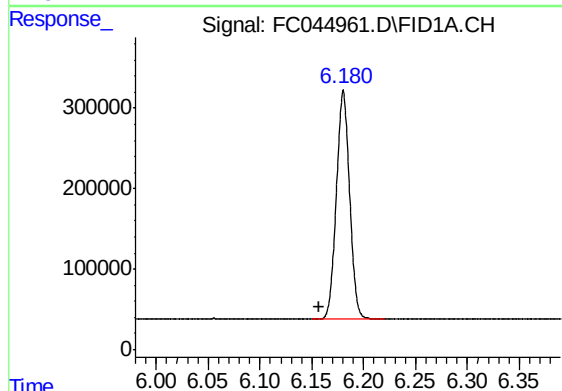
#1 n-Nonane (C9)

R.T.: 3.505 min
Delta R.T.: 0.024 min
Response: 2247513
Conc: 22.11 ug/ml



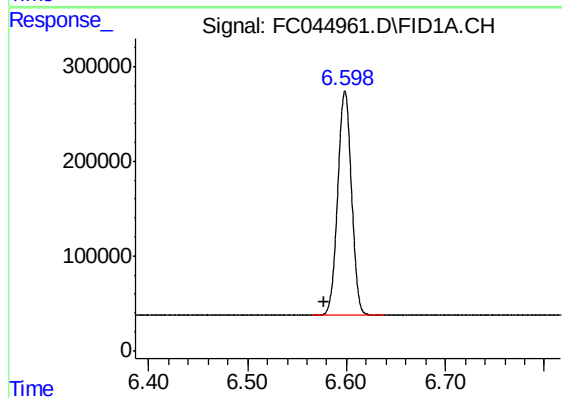
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.023 min
Response: 2264561
Conc: 22.30 ug/ml



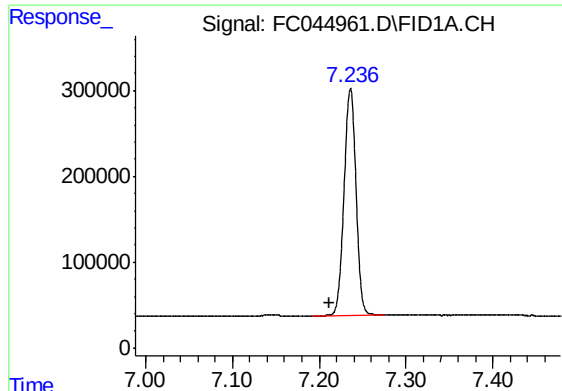
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.024 min
Response: 2520972
Conc: 22.07 ug/ml



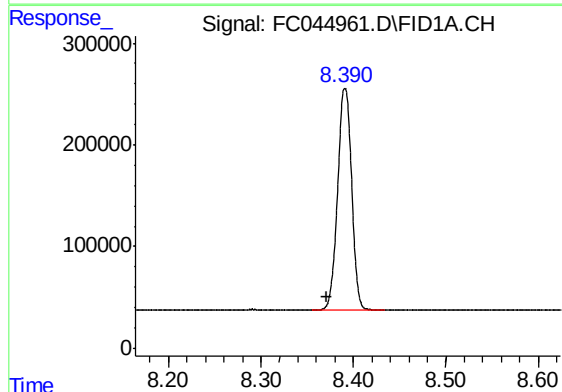
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: 0.021 min
Response: 2287318
Conc: 22.48 ug/ml



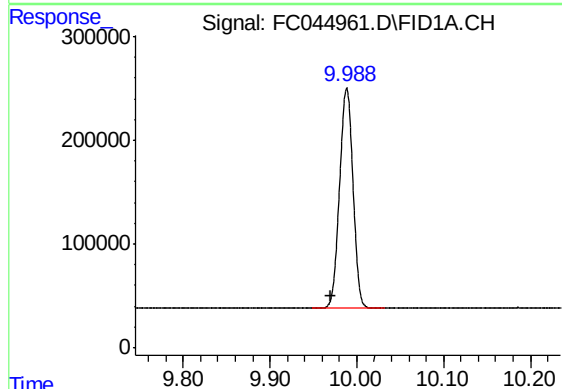
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.236 min
Delta R.T.: 0.024 min
Response: 2522937
Conc: 22.00 ug/ml



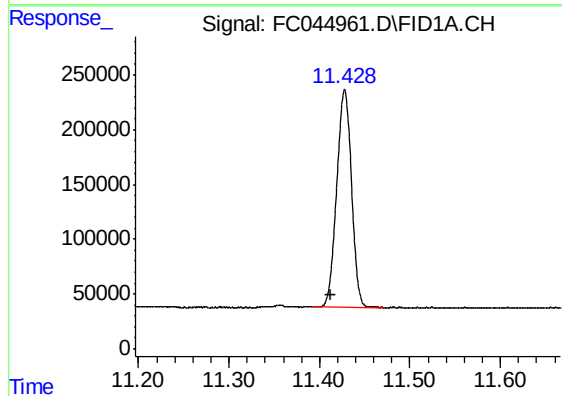
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: 0.020 min
Response: 2293183
Conc: 22.50 ug/ml



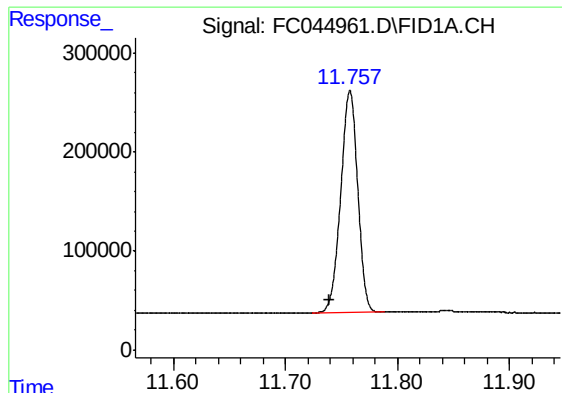
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2286932
Conc: 22.29 ug/ml



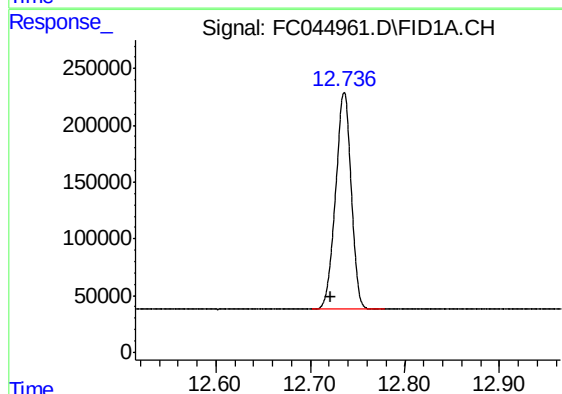
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.015 min
Response: 2256909
Conc: 21.80 ug/ml



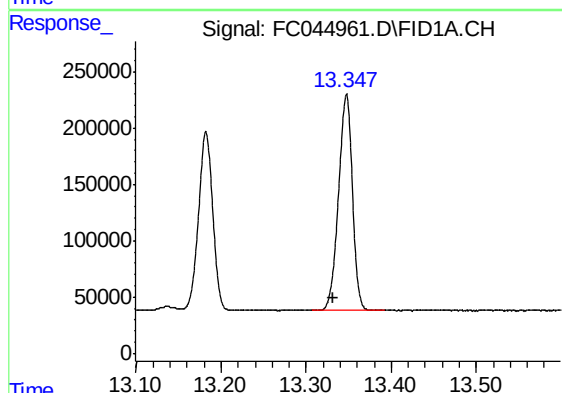
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: 0.018 min
Response: 2358680
Conc: 20.70 ug/ml



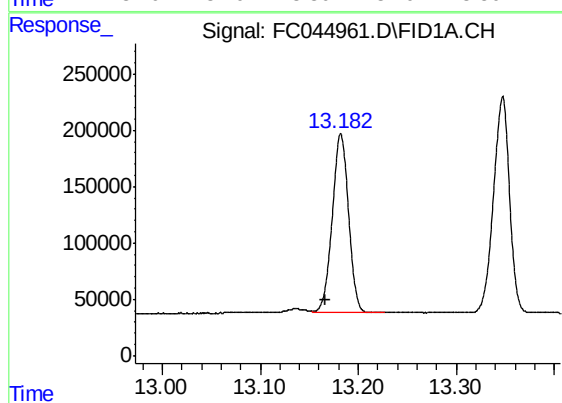
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: 0.015 min
Response: 2198895
Conc: 21.08 ug/ml



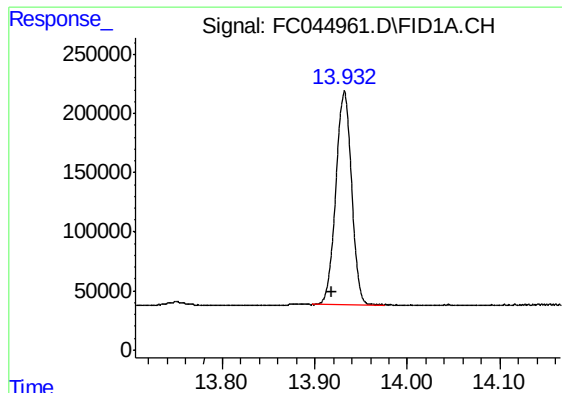
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: 0.015 min
Response: 2181458
Conc: 20.68 ug/ml



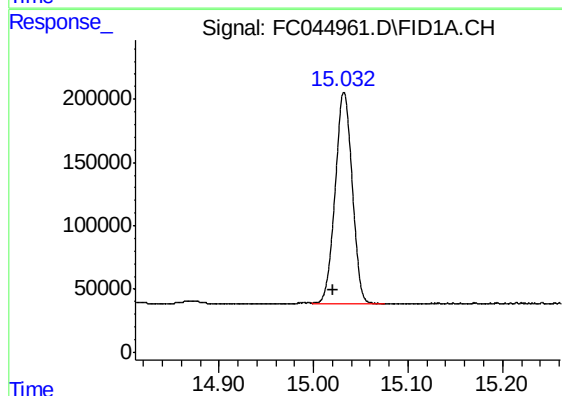
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.015 min
Response: 1837386
Conc: 20.75 ug/ml



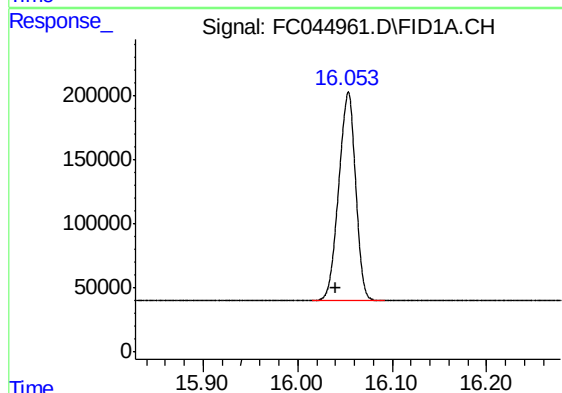
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: 0.013 min
Response: 2137120
Conc: 20.26 ug/ml



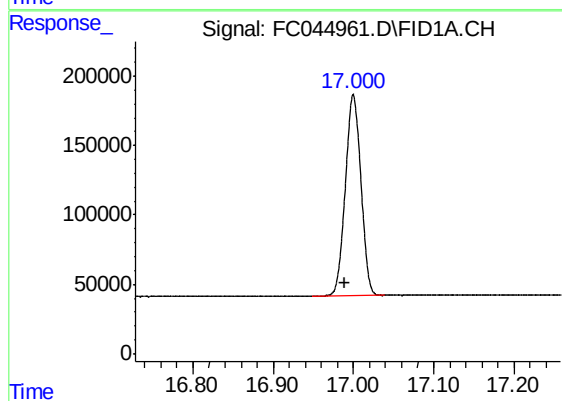
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: 0.012 min
Response: 2082000
Conc: 19.45 ug/ml



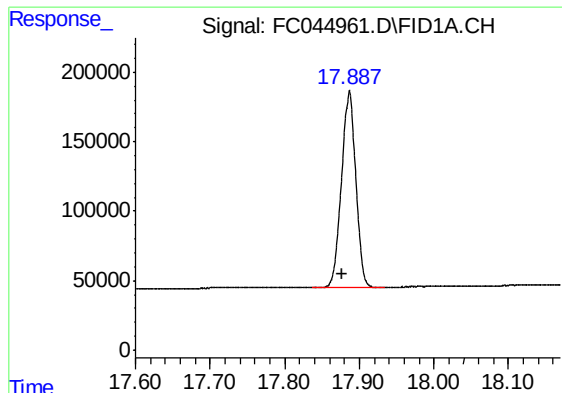
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: 0.013 min
Response: 2014809
Conc: 18.93 ug/ml



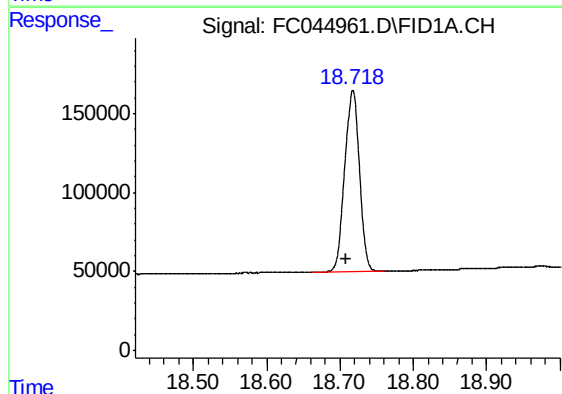
#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: 0.010 min
Response: 1958329
Conc: 18.66 ug/ml



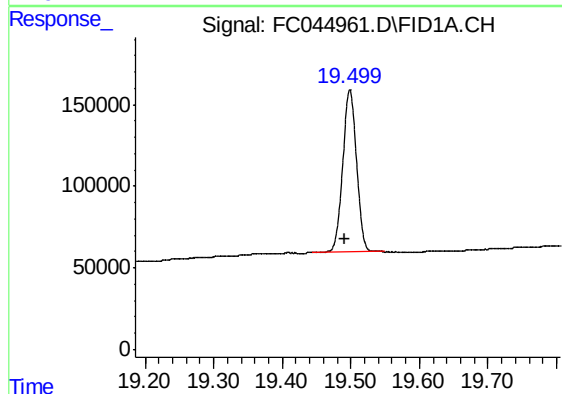
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: 0.010 min
Response: 1880222
Conc: 18.78 ug/ml



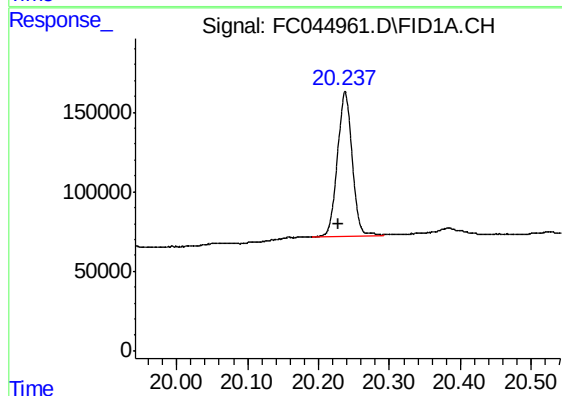
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: 0.009 min
Response: 1609162
Conc: 19.33 ug/ml



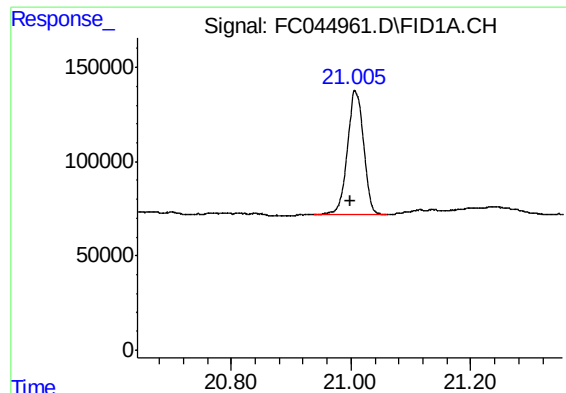
#19 n-Tetatriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.007 min
Response: 1390958
Conc: 20.27 ug/ml



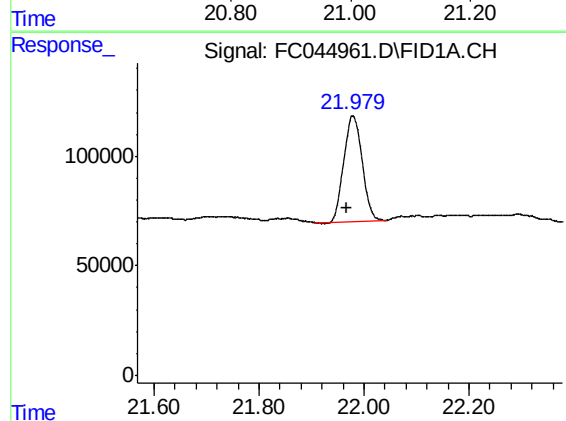
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: 0.009 min
Response: 1310077
Conc: 21.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: 0.008 min
Response: 1227884
Conc: 22.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.012 min
Response: 1164998
Conc: 21.74 ug/ml