

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010620AL\
 Data File : FC045202.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2020 11:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 07 00:02:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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)	11.769	2386141	21.039 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
12) S 1-chlorooctadecane (S...	13.193	1858988	20.849 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.515	2125822	21.111 ug/ml
2) T n-Decane (C10)	4.589	2236299	22.168 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2470243	22.044 ug/ml
4) T n-Dodecane (C12)	6.609	2283495	22.434 ug/ml
5) T A~2-methylnaphthalene...	7.250	2504247	22.218 ug/ml
6) T n-Tetradecane (C14)	8.400	2293379	22.501 ug/ml
7) T n-Hexadecane (C16)	9.998	2298855	22.329 ug/ml
8) T n-Octadecane (C18)	11.437	2283682	21.959 ug/ml
10) T n-Eicosane (C20)	12.745	2240460	21.415 ug/ml
11) T n-Heneicosane (C21)	13.356	2220969	21.000 ug/ml
13) T n-Docosane (C22)	13.942	2185445	20.670 ug/ml
14) T n-Tetracosane (C24)	15.042	2131223	19.947 ug/ml
15) T n-Hexacosane (C26)	16.060	2075033	19.456 ug/ml
16) T n-Octacosane (C28)	17.008	2048036	19.393 ug/ml
17) T n-Tricontane (C30)	17.895	2029143	19.906 ug/ml
18) T n-Dotriacontane (C32)	18.724	1758183	20.323 ug/ml
19) T n-Tetratriacontane (C34)	19.507	1467518	20.032 ug/ml
20) T n-Hexatriacontane (C36)	20.244	1311052	19.950 ug/ml
21) T n-Octatriacontane (C38)	21.017	1205937	20.418 ug/ml
22) T n-Tetracontane (C40)	21.991	1230723	20.810 ug/ml

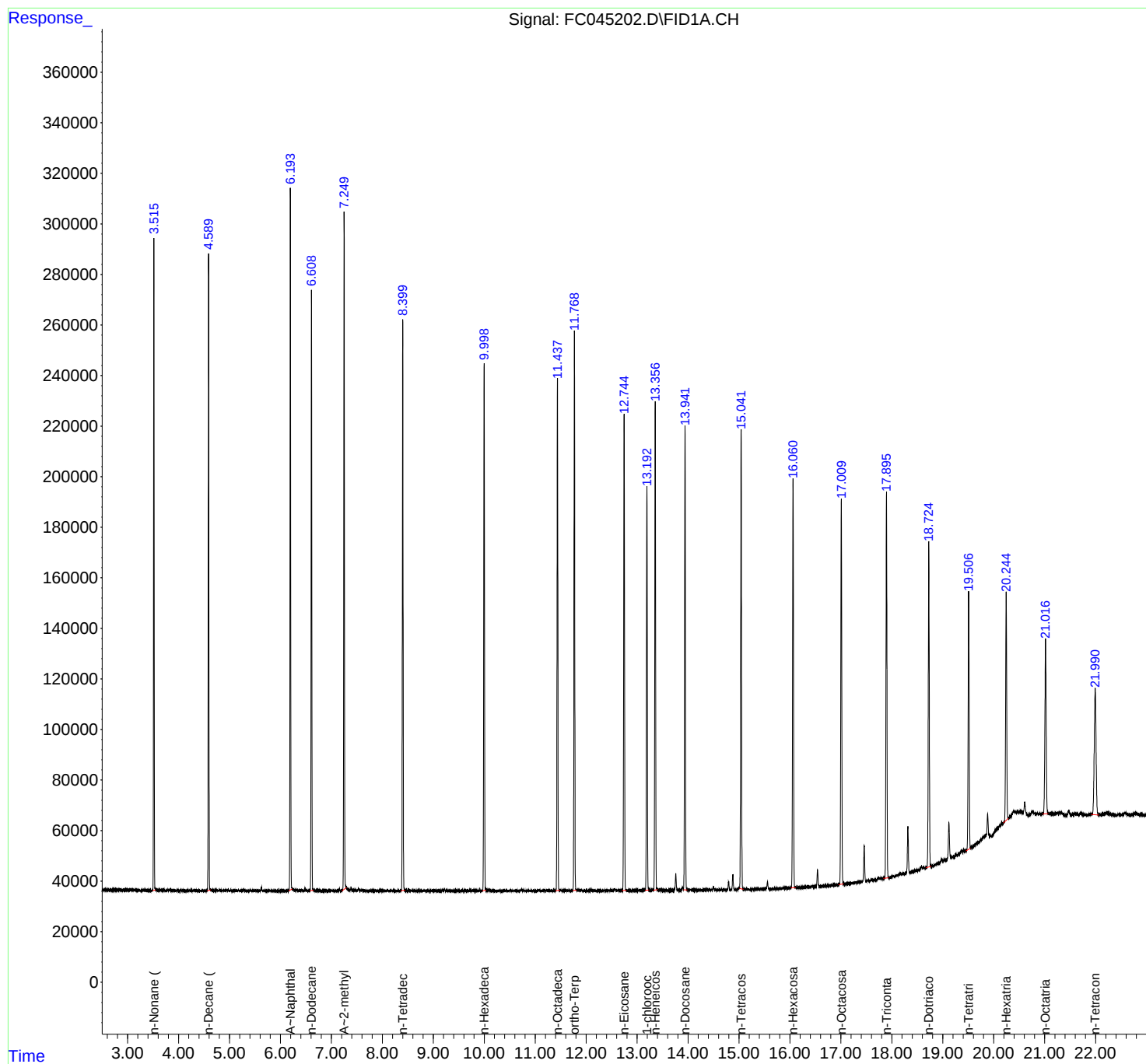
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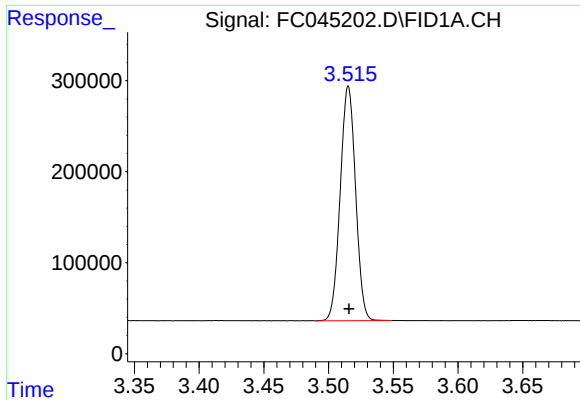
(m)=manual int.

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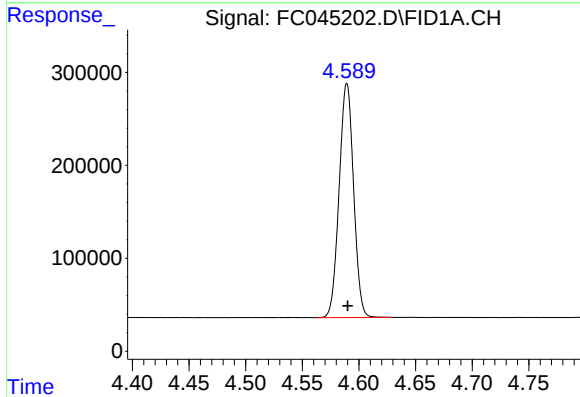
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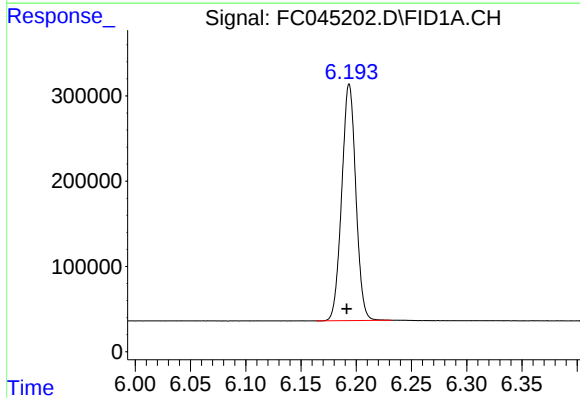
#1 n-Nonane (C9)

R.T.: 3.515 min
Delta R.T.: 0.000 min
Response: 2125822
Conc: 21.11 ug/ml



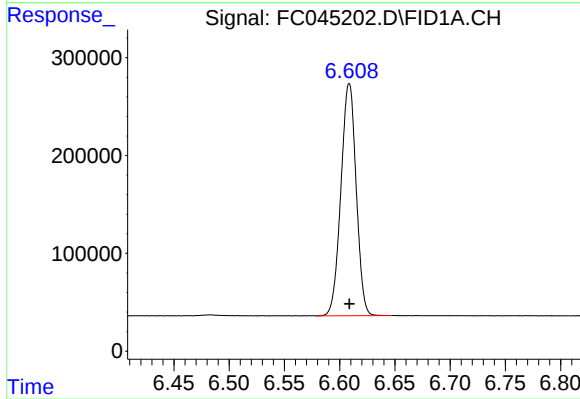
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 2236299
Conc: 22.17 ug/ml



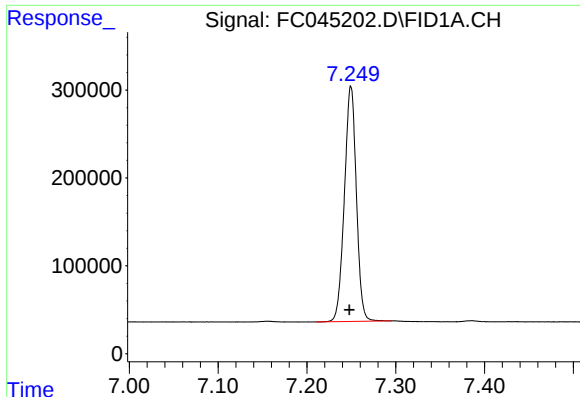
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 2470243
Conc: 22.04 ug/ml



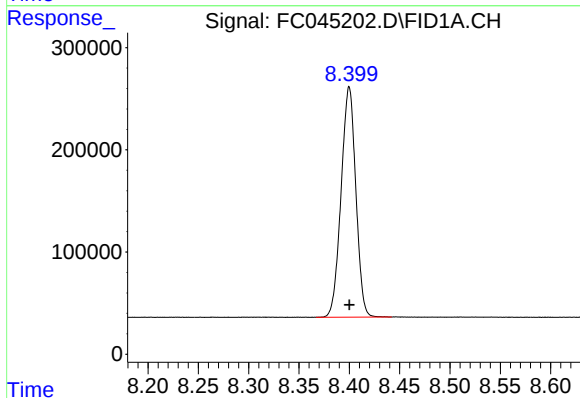
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2283495
Conc: 22.43 ug/ml



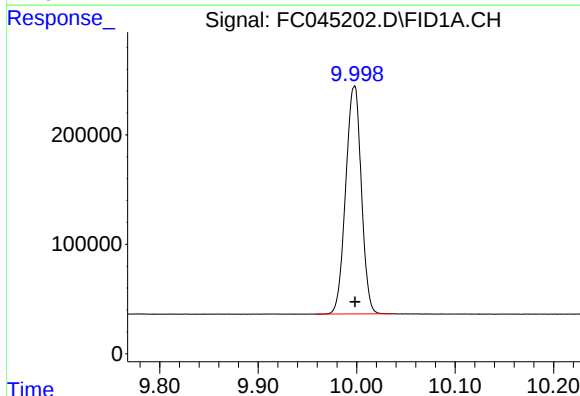
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: 0.002 min
Response: 2504247
Conc: 22.22 ug/ml



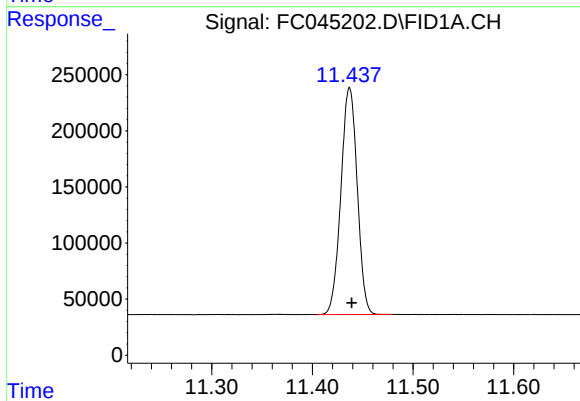
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2293379
Conc: 22.50 ug/ml



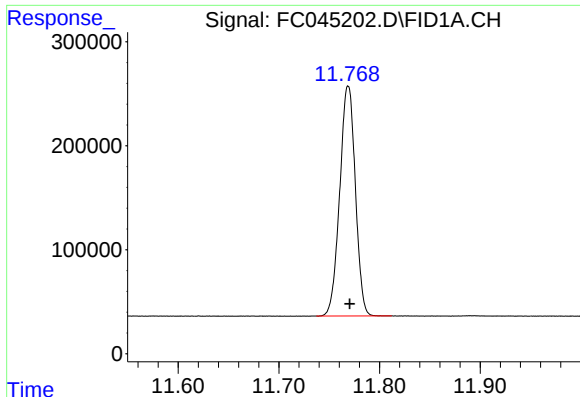
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 2298855
Conc: 22.33 ug/ml



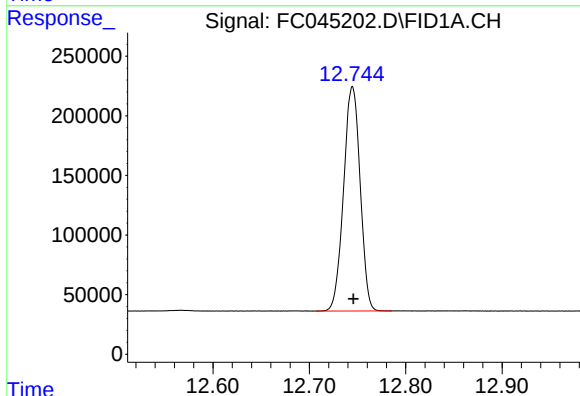
#8 n-Octadecane (C18)

R.T.: 11.437 min
Delta R.T.: -0.002 min
Response: 2283682
Conc: 21.96 ug/ml



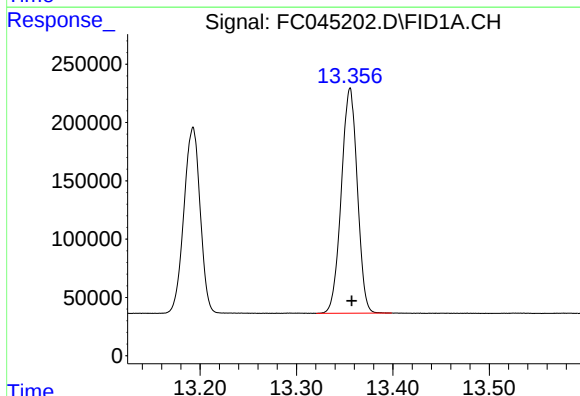
#9 ortho-Terphenyl (SURR)

R.T.: 11.769 min
Delta R.T.: -0.002 min
Response: 2386141
Conc: 21.04 ug/ml



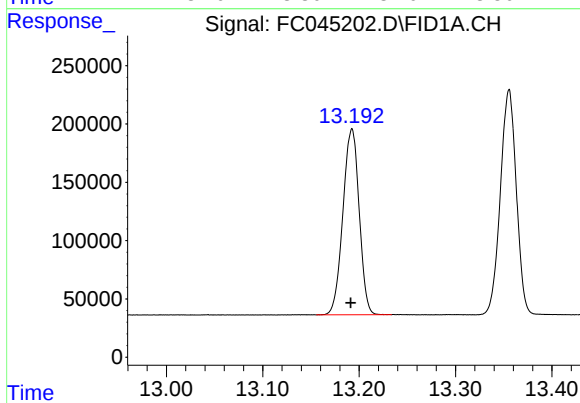
#10 n-Eicosane (C20)

R.T.: 12.745 min
Delta R.T.: -0.001 min
Response: 2240460
Conc: 21.41 ug/ml



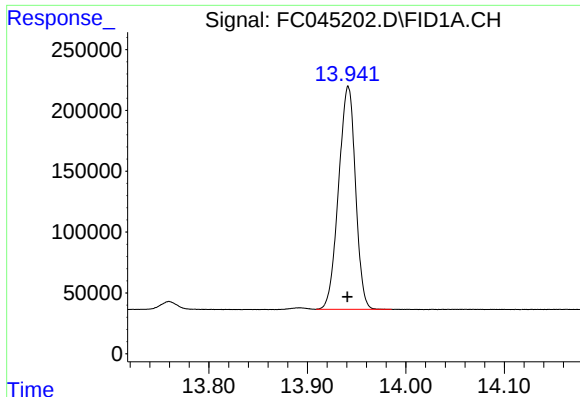
#11 n-Heneicosane (C21)

R.T.: 13.356 min
Delta R.T.: -0.002 min
Response: 2220969
Conc: 21.00 ug/ml



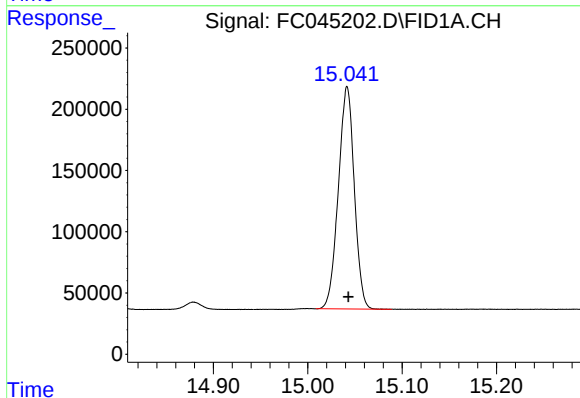
#12 1-chlorooctadecane (SURR)

R.T.: 13.193 min
Delta R.T.: 0.001 min
Response: 1858988
Conc: 20.85 ug/ml



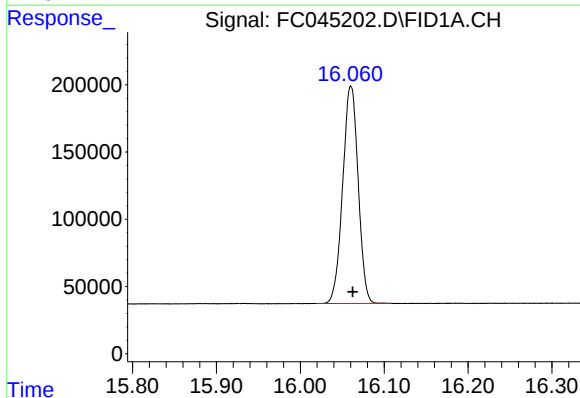
#13 n-Docosane (C22)

R.T.: 13.942 min
Delta R.T.: 0.000 min
Response: 2185445
Conc: 20.67 ug/ml



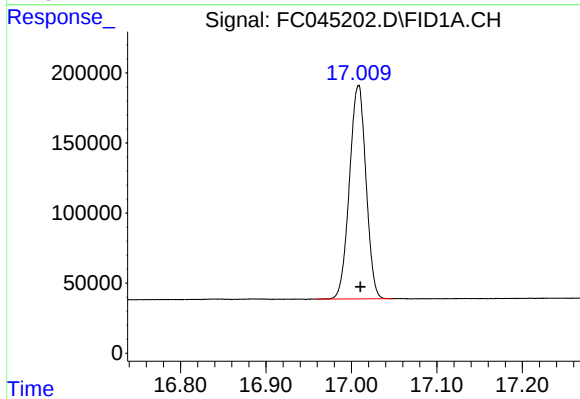
#14 n-Tetracosane (C24)

R.T.: 15.042 min
Delta R.T.: -0.001 min
Response: 2131223
Conc: 19.95 ug/ml



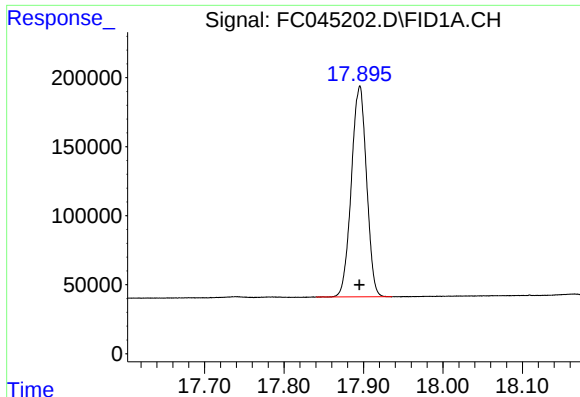
#15 n-Hexacosane (C26)

R.T.: 16.060 min
Delta R.T.: -0.002 min
Response: 2075033
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: -0.002 min
Response: 2048036
Conc: 19.39 ug/ml



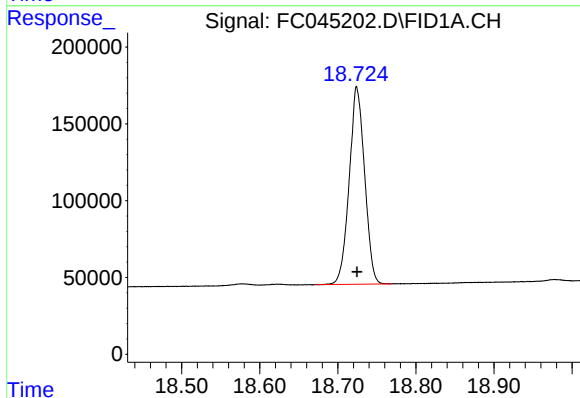
#17 n-Tricontane (C30)

R.T.: 17.895 min

Delta R.T.: 0.000 min

Response: 2029143

Conc: 19.91 ug/ml



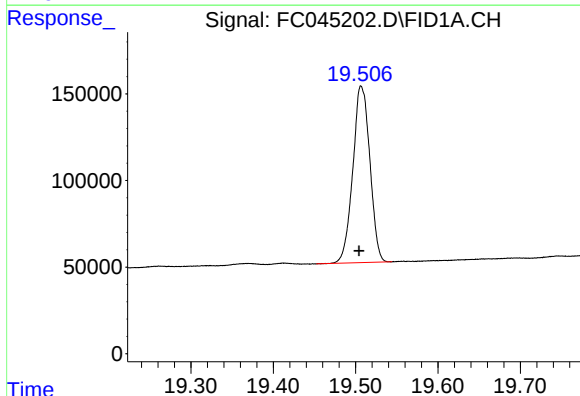
#18 n-Dotriacontane (C32)

R.T.: 18.724 min

Delta R.T.: 0.000 min

Response: 1758183

Conc: 20.32 ug/ml



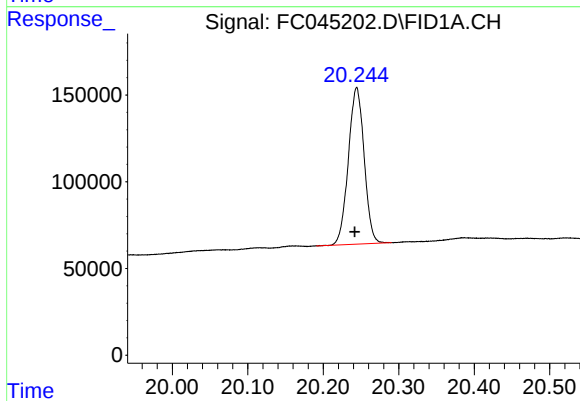
#19 n-Tetratriacontane (C34)

R.T.: 19.507 min

Delta R.T.: 0.003 min

Response: 1467518

Conc: 20.03 ug/ml



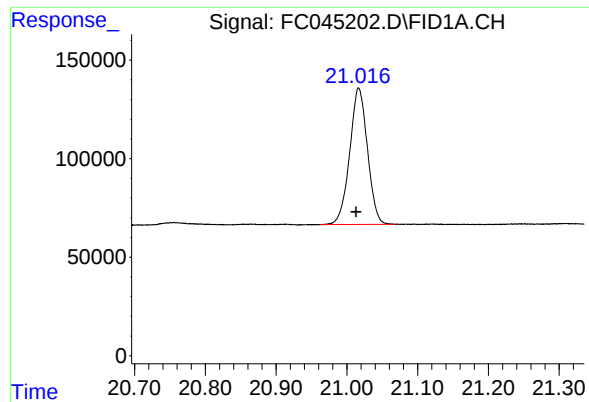
#20 n-Hexatriacontane (C36)

R.T.: 20.244 min

Delta R.T.: 0.003 min

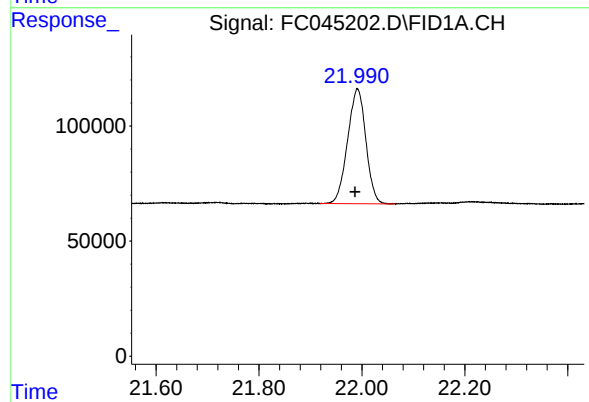
Response: 1311052

Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.017 min
Delta R.T.: 0.004 min
Response: 1205937
Conc: 20.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.005 min
Response: 1230723
Conc: 20.81 ug/ml