

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012820AL\
 Data File : FC045516.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jan 2020 12:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 29 01:13:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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	2063053	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.189	1592141	18.312 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.524	2000310	20.681 ug/ml
2) T n-Decane (C10)	4.597	2034680	21.008 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2208514	20.678 ug/ml
4) T n-Dodecane (C12)	6.612	2037577	20.843 ug/ml
5) T A~2-methylnaphthalene...	7.254	2200871	20.532 ug/ml
6) T n-Tetradecane (C14)	8.402	2015487	20.453 ug/ml
7) T n-Hexadecane (C16)	9.998	1991246	19.890 ug/ml
8) T n-Octadecane (C18)	11.437	1967706	19.319 ug/ml
10) T n-Eicosane (C20)	12.743	1919375	18.716 ug/ml
11) T n-Heneicosane (C21)	13.354	1904463	18.399 ug/ml
13) T n-Docosane (C22)	13.937	1867889	18.103 ug/ml
14) T n-Tetracosane (C24)	15.039	1823716	17.550 ug/ml
15) T n-Hexacosane (C26)	16.056	1772312	17.154 ug/ml
16) T n-Octacosane (C28)	17.004	1746904	17.091 ug/ml
17) T n-Tricontane (C30)	17.889	1725992	17.582 ug/ml
18) T n-Dotriacontane (C32)	18.719	1504855	18.085 ug/ml
19) T n-Tetratriacontane (C34)	19.501	1280915	18.100 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1158634	18.070 ug/ml
21) T n-Octatriacontane (C38)	21.008	1086544	18.577 ug/ml
22) T n-Tetracontane (C40)	21.982	1090780	18.490 ug/ml

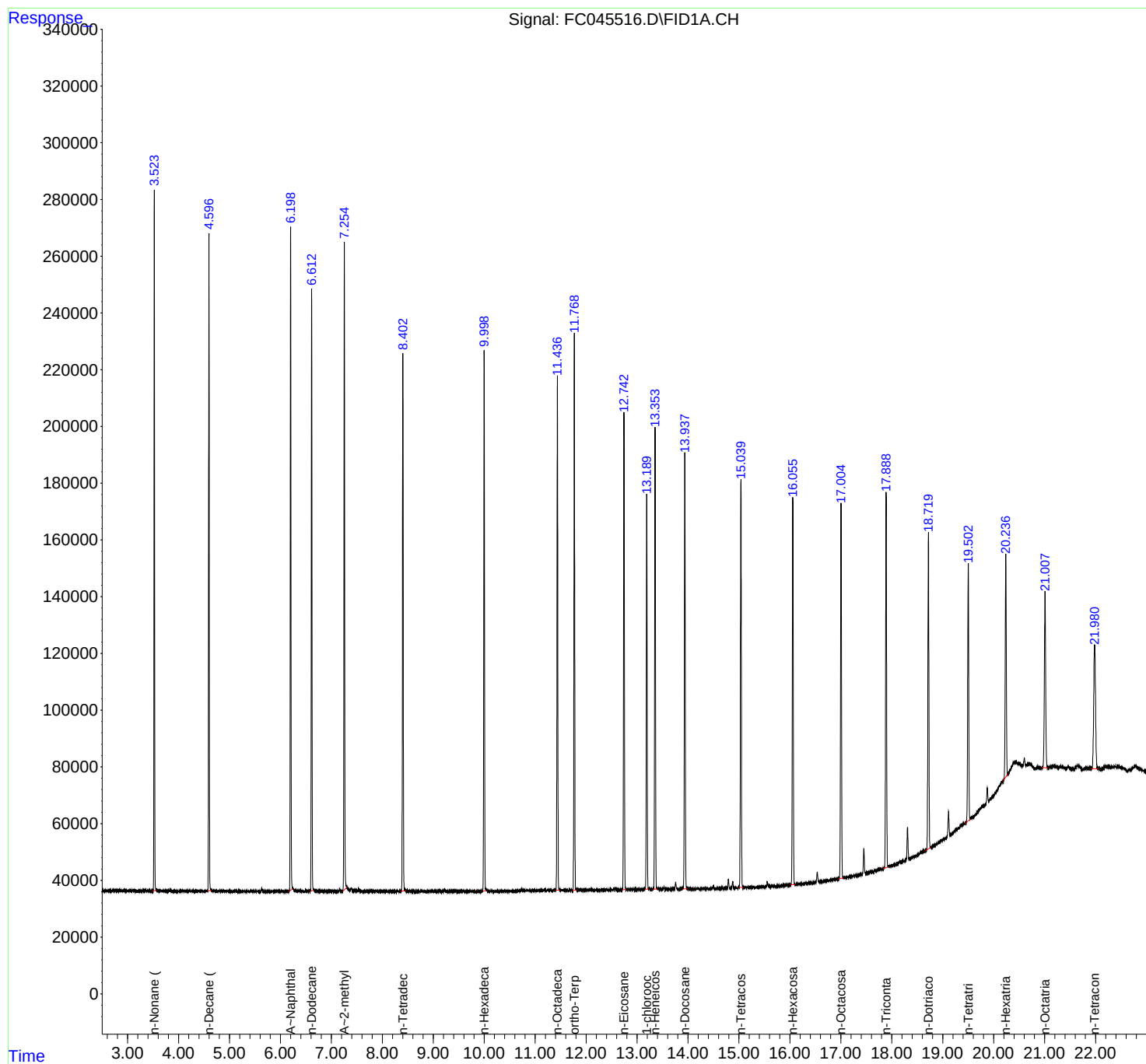
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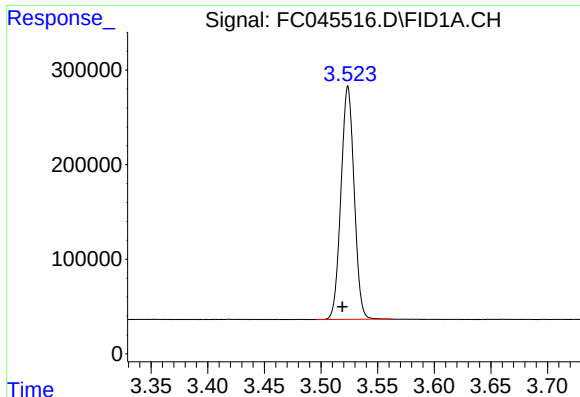
(m)=manual int.

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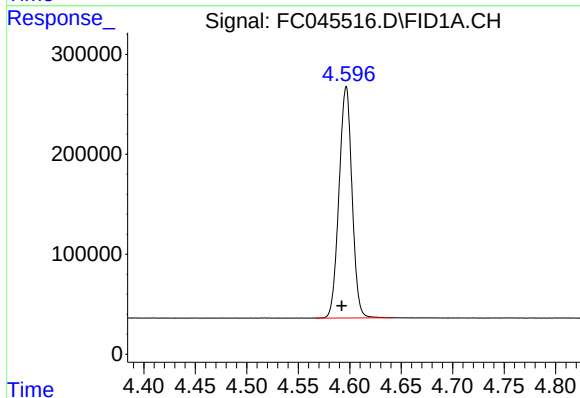
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





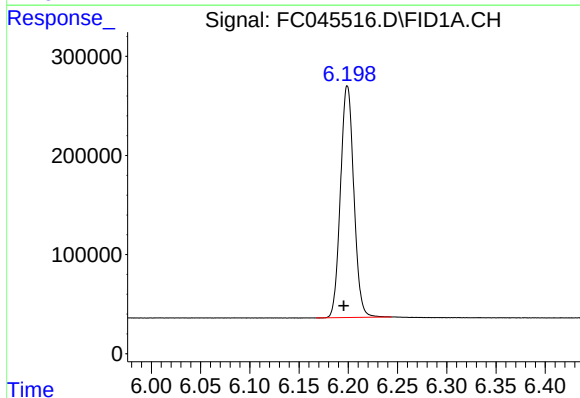
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 2000310
Conc: 20.68 ug/ml



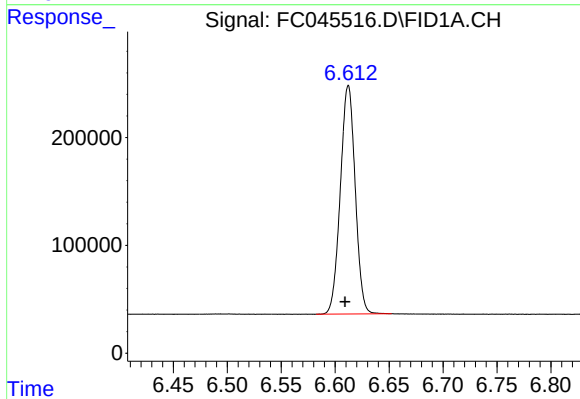
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.004 min
Response: 2034680
Conc: 21.01 ug/ml



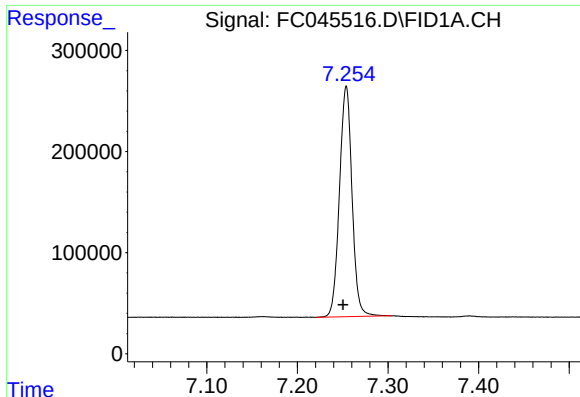
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 2208514
Conc: 20.68 ug/ml



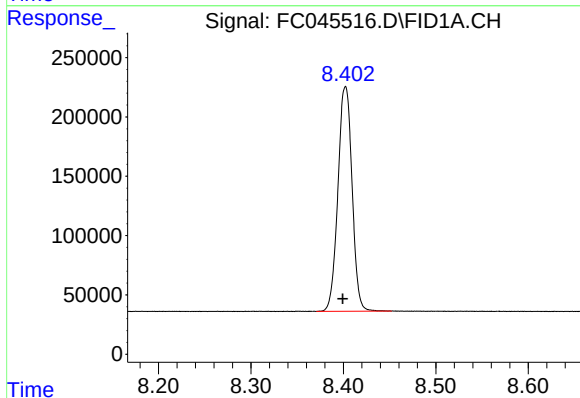
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2037577
Conc: 20.84 ug/ml



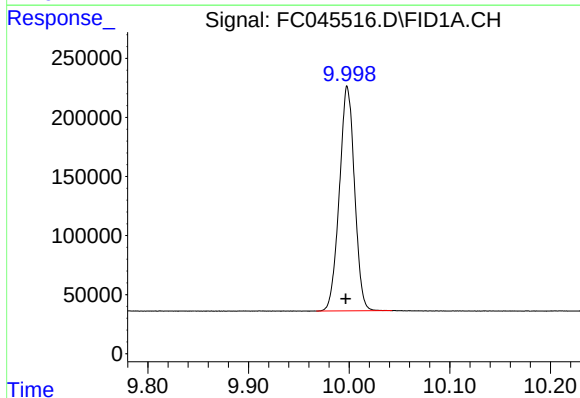
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: 0.003 min
Response: 2200871
Conc: 20.53 ug/ml



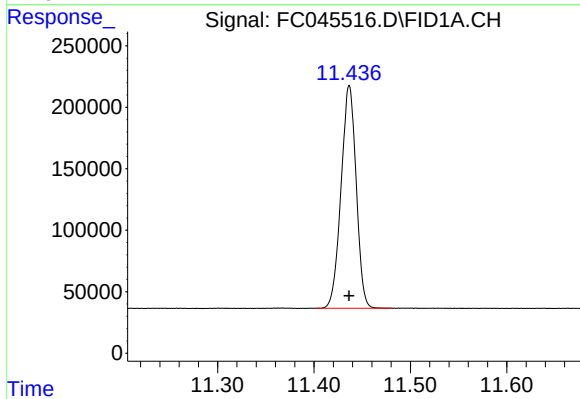
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.003 min
Response: 2015487
Conc: 20.45 ug/ml



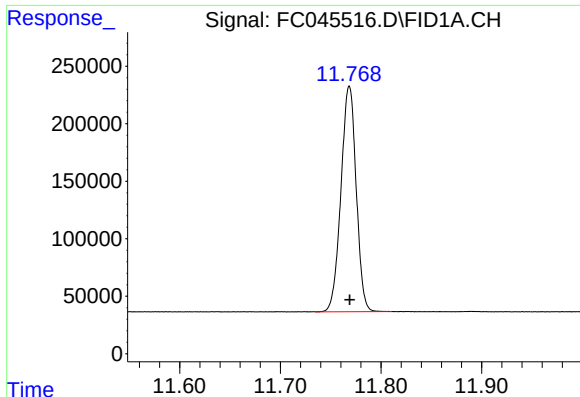
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.002 min
Response: 1991246
Conc: 19.89 ug/ml



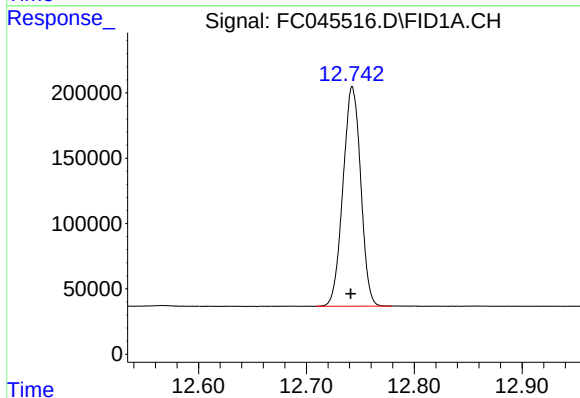
#8 n-Octadecane (C18)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 1967706
Conc: 19.32 ug/ml



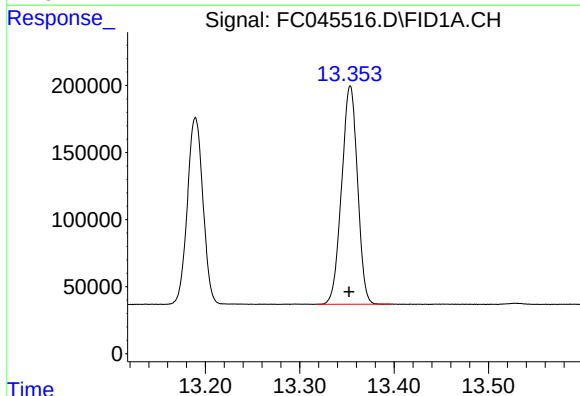
#9 ortho-Terphenyl (SURR)

R.T.: 11.769 min
Delta R.T.: 0.000 min
Response: 2063053
Conc: 18.77 ug/ml



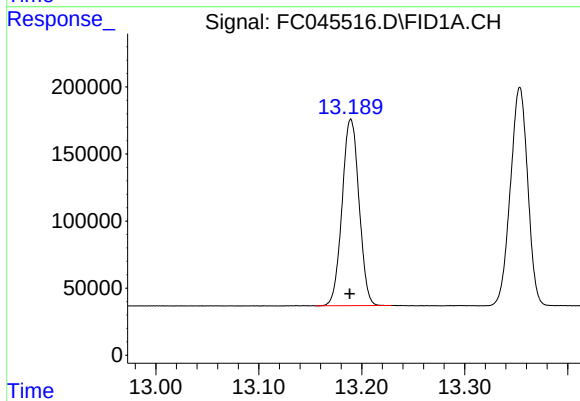
#10 n-Eicosane (C20)

R.T.: 12.743 min
Delta R.T.: 0.001 min
Response: 1919375
Conc: 18.72 ug/ml



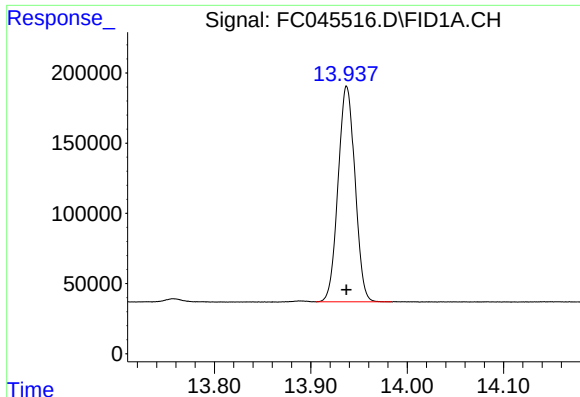
#11 n-Heneicosane (C21)

R.T.: 13.354 min
Delta R.T.: 0.001 min
Response: 1904463
Conc: 18.40 ug/ml



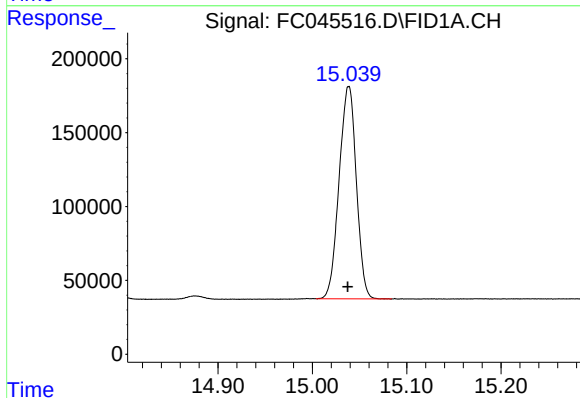
#12 1-chlorooctadecane (SURR)

R.T.: 13.189 min
Delta R.T.: 0.001 min
Response: 1592141
Conc: 18.31 ug/ml



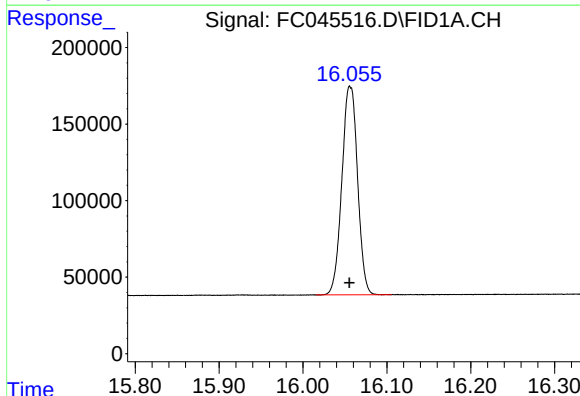
#13 n-Docosane (C22)

R.T.: 13.937 min
Delta R.T.: 0.000 min
Response: 1867889
Conc: 18.10 ug/ml



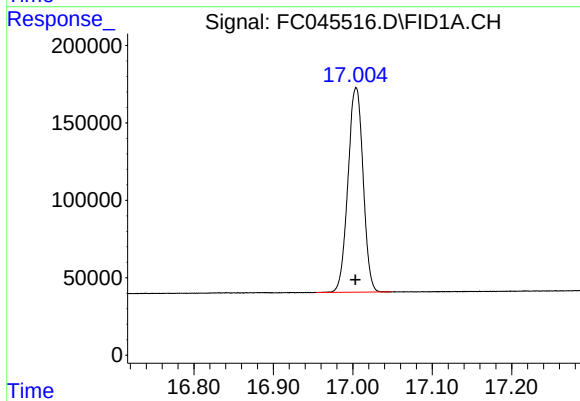
#14 n-Tetracosane (C24)

R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 1823716
Conc: 17.55 ug/ml



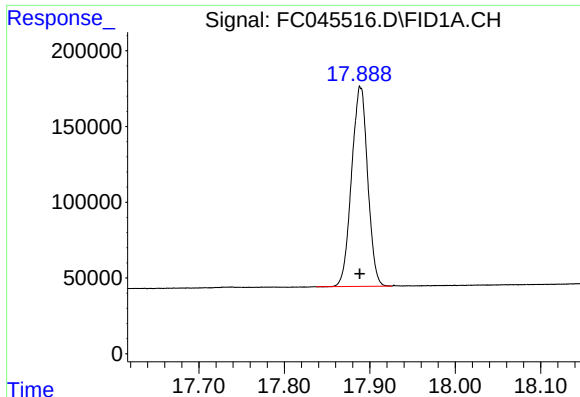
#15 n-Hexacosane (C26)

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 1772312
Conc: 17.15 ug/ml



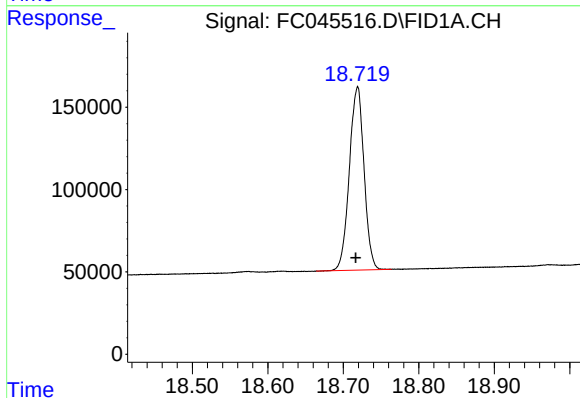
#16 n-Octacosane (C28)

R.T.: 17.004 min
Delta R.T.: 0.000 min
Response: 1746904
Conc: 17.09 ug/ml



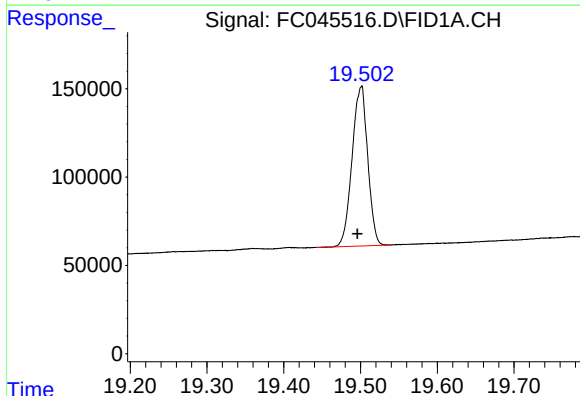
#17 n-Tricontane (C30)

R.T.: 17.889 min
Delta R.T.: 0.001 min
Response: 1725992
Conc: 17.58 ug/ml



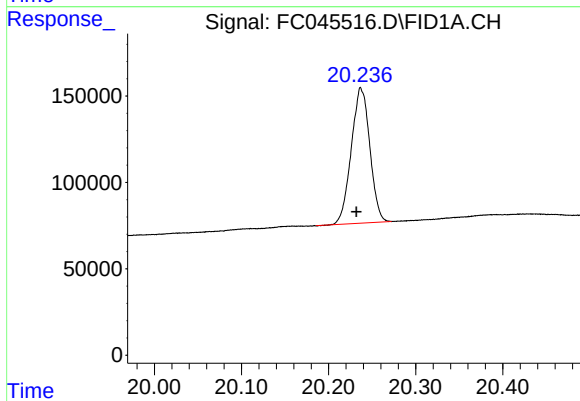
#18 n-Dotriacontane (C32)

R.T.: 18.719 min
Delta R.T.: 0.002 min
Response: 1504855
Conc: 18.09 ug/ml



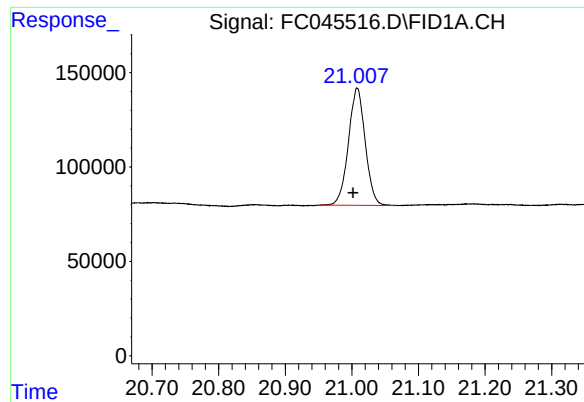
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min
Delta R.T.: 0.005 min
Response: 1280915
Conc: 18.10 ug/ml



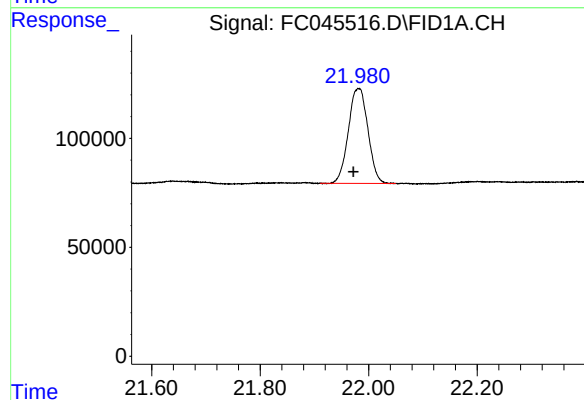
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: 0.005 min
Response: 1158634
Conc: 18.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.007 min
Response: 1086544
Conc: 18.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.009 min
Response: 1090780
Conc: 18.49 ug/ml