

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121919AL\
 Data File : FC045007.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2019 00:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 05:43:40 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)	11.755	2273424	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.180	1755240	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.508	2126877	20.920 ug/ml
2) T n-Decane (C10)	4.582	2151975	21.190 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2400168	21.008 ug/ml
4) T n-Dodecane (C12)	6.600	2171387	21.342 ug/ml
5) T A~2-methylnaphthalene...	7.237	2403825	20.963 ug/ml
6) T n-Tetradecane (C14)	8.391	2183961	21.426 ug/ml
7) T n-Hexadecane (C16)	9.987	2190103	21.345 ug/ml
8) T n-Octadecane (C18)	11.425	2169126	20.949 ug/ml
10) T n-Eicosane (C20)	12.733	2120475	20.327 ug/ml
11) T n-Heneicosane (C21)	13.343	2104598	19.952 ug/ml
13) T n-Docosane (C22)	13.928	2065636	19.581 ug/ml
14) T n-Tetracosane (C24)	15.028	2013437	18.807 ug/ml
15) T n-Hexacosane (C26)	16.048	1954344	18.363 ug/ml
16) T n-Octacosane (C28)	16.995	1916234	18.257 ug/ml
17) T n-Tricontane (C30)	17.880	1864239	18.619 ug/ml
18) T n-Dotriacontane (C32)	18.711	1638170	19.675 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1423221	20.744 ug/mlm
20) T n-Hexatriacontane (C36)	20.229	1232667	20.652 ug/ml
21) T n-Octatriacontane (C38)	20.999	1338720	24.903 ug/mlm
22) T n-Tetracontane (C40)	21.968	1209153	22.569 ug/ml

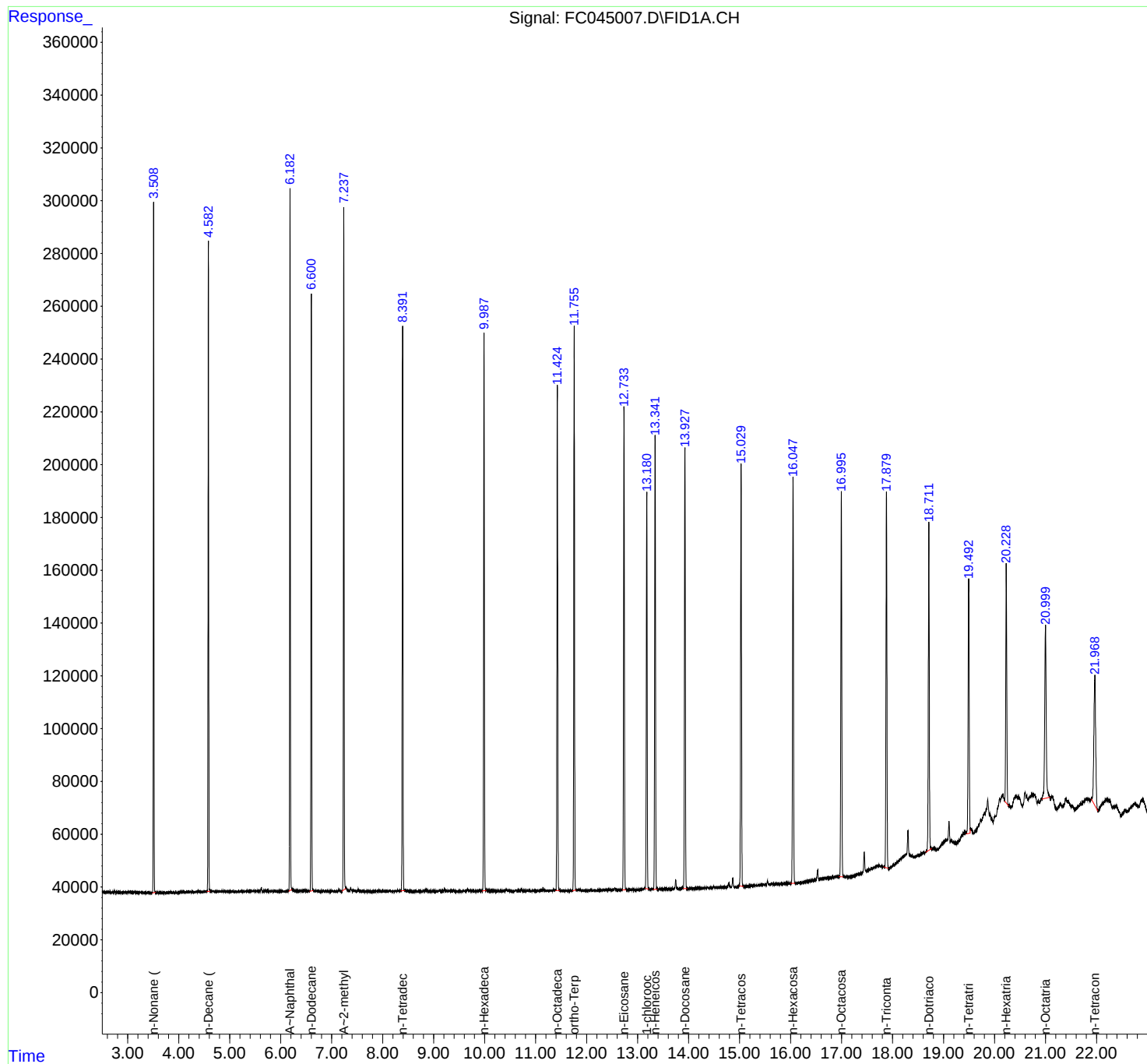
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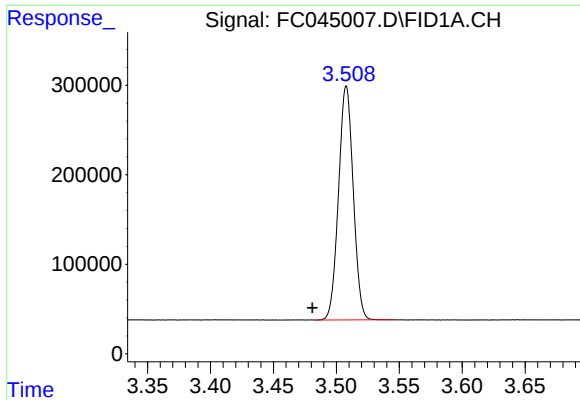
(m)=manual int.

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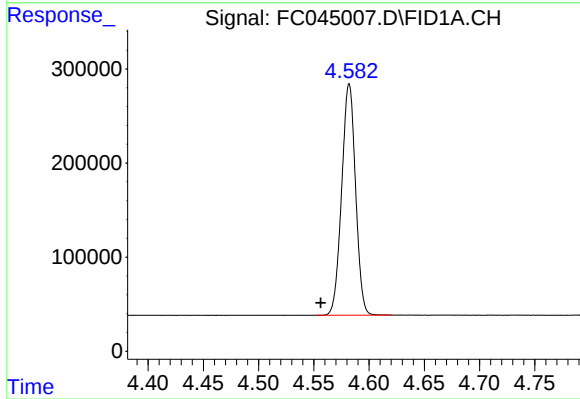
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





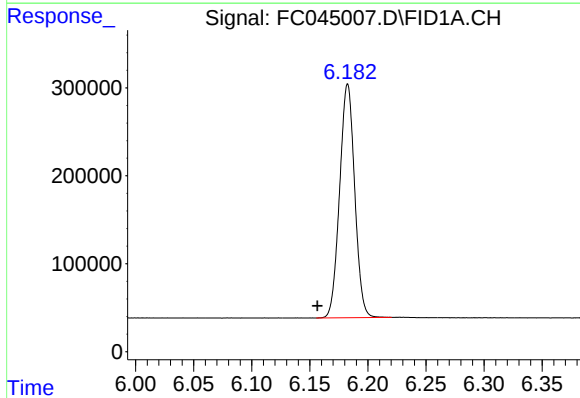
#1 n-Nonane (C9)

R.T.: 3.508 min
Delta R.T.: 0.027 min
Response: 2126877
Conc: 20.92 ug/ml



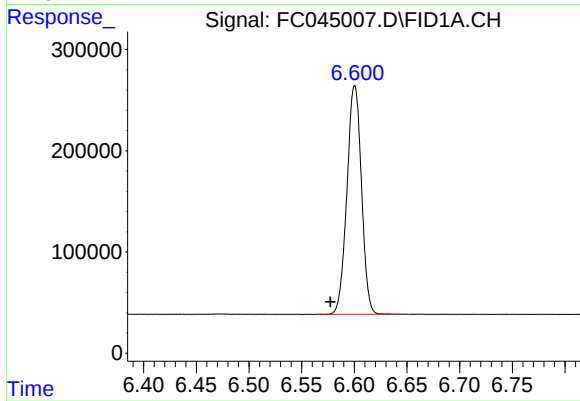
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.026 min
Response: 2151975
Conc: 21.19 ug/ml



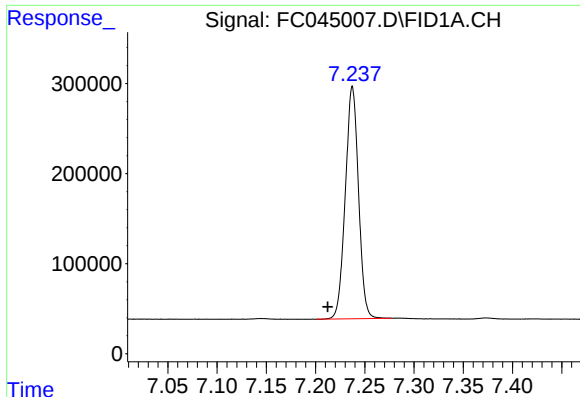
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.026 min
Response: 2400168
Conc: 21.01 ug/ml



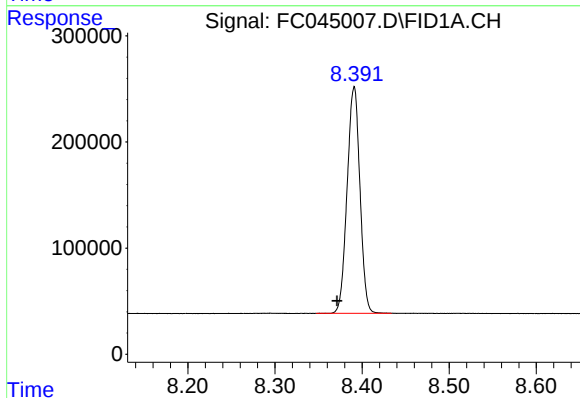
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: 0.023 min
Response: 2171387
Conc: 21.34 ug/ml



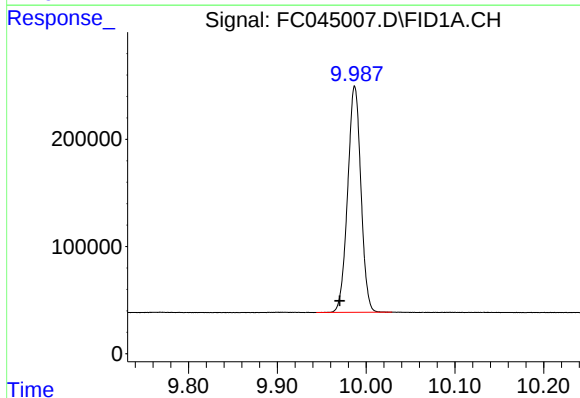
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: 0.025 min
Response: 2403825
Conc: 20.96 ug/ml



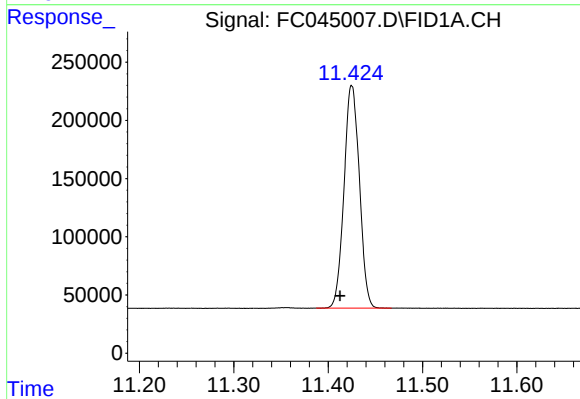
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: 0.020 min
Response: 2183961
Conc: 21.43 ug/ml



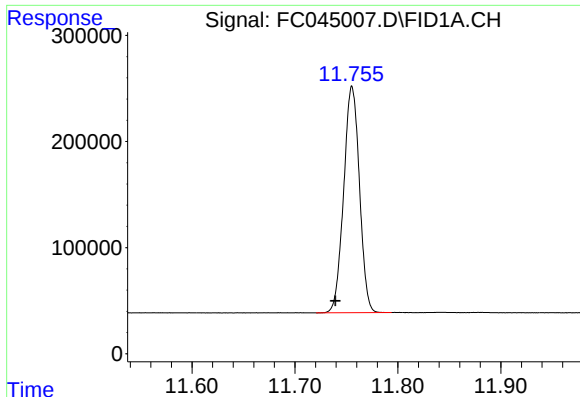
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.017 min
Response: 2190103
Conc: 21.34 ug/ml



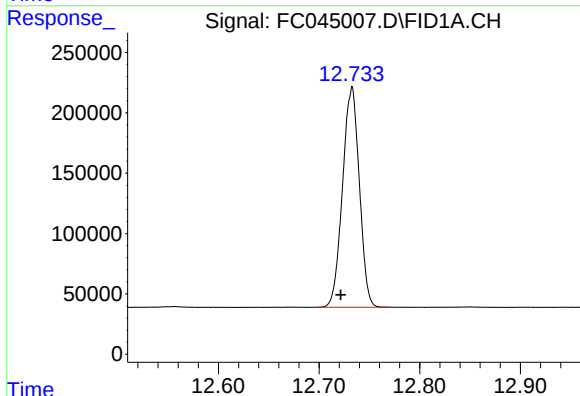
#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: 0.013 min
Response: 2169126
Conc: 20.95 ug/ml



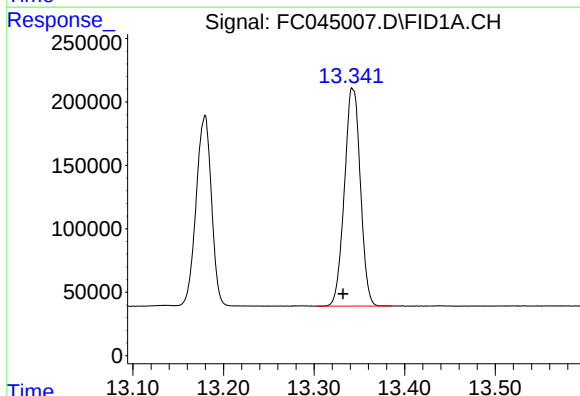
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: 0.016 min
Response: 2273424
Conc: 19.95 ug/ml



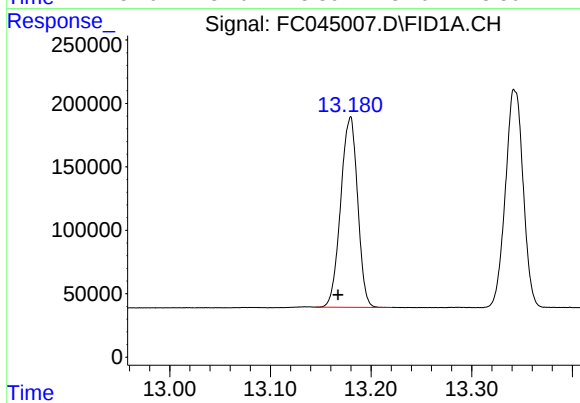
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.011 min
Response: 2120475
Conc: 20.33 ug/ml



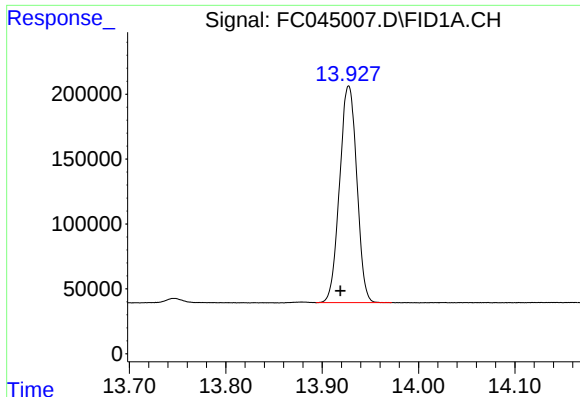
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.011 min
Response: 2104598
Conc: 19.95 ug/ml



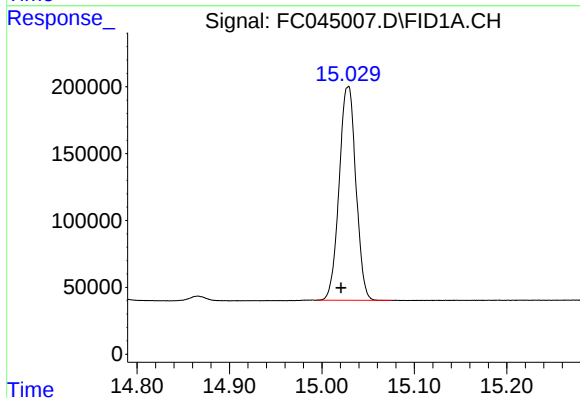
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.012 min
Response: 1755240
Conc: 19.82 ug/ml



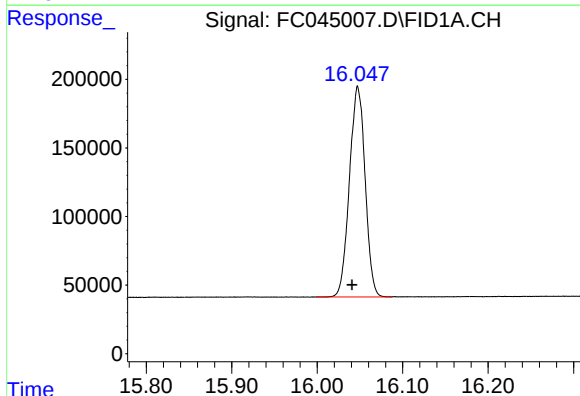
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: 0.009 min
Response: 2065636
Conc: 19.58 ug/ml



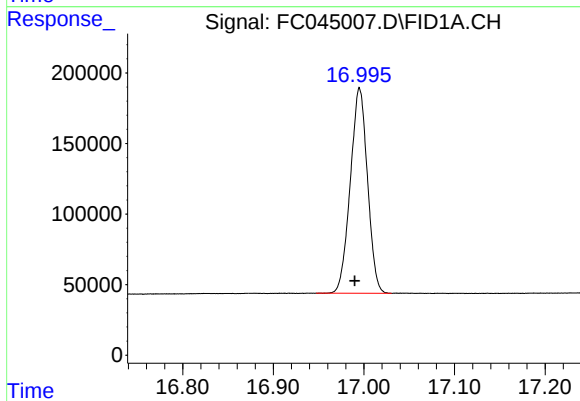
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: 0.008 min
Response: 2013437
Conc: 18.81 ug/ml



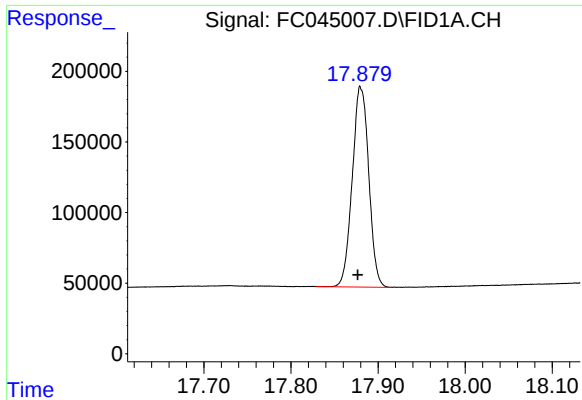
#15 n-Hexacosane (C26)

R.T.: 16.048 min
Delta R.T.: 0.007 min
Response: 1954344
Conc: 18.36 ug/ml



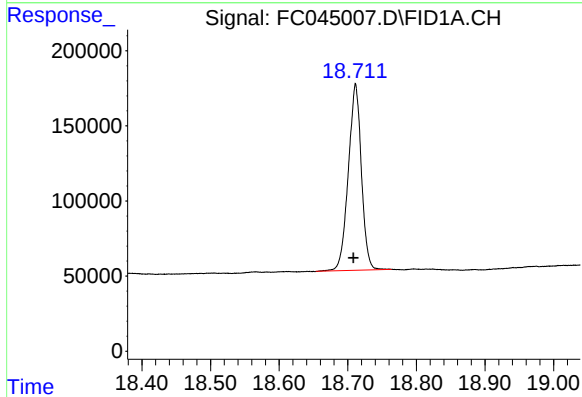
#16 n-Octacosane (C28)

R.T.: 16.995 min
Delta R.T.: 0.005 min
Response: 1916234
Conc: 18.26 ug/ml



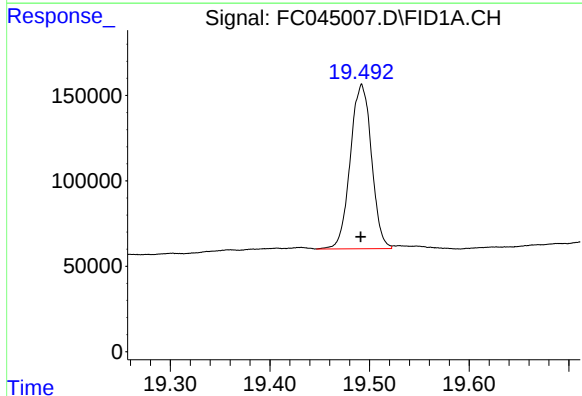
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: 0.003 min
Response: 1864239
Conc: 18.62 ug/ml



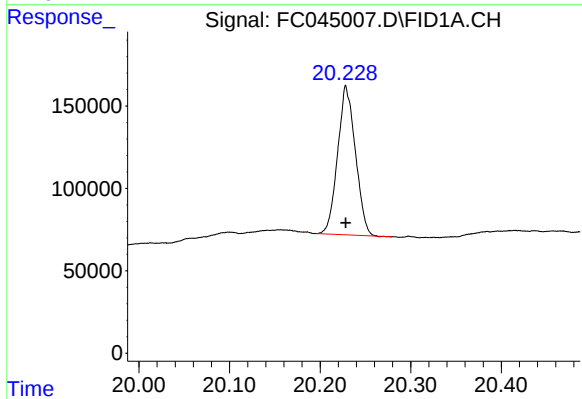
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: 0.003 min
Response: 1638170
Conc: 19.67 ug/ml



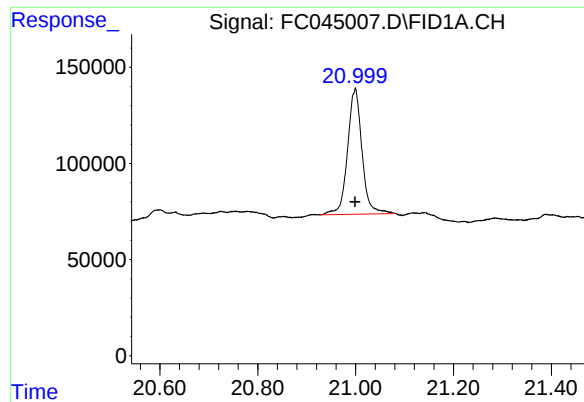
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 1423221
Conc: 20.74 ug/ml m



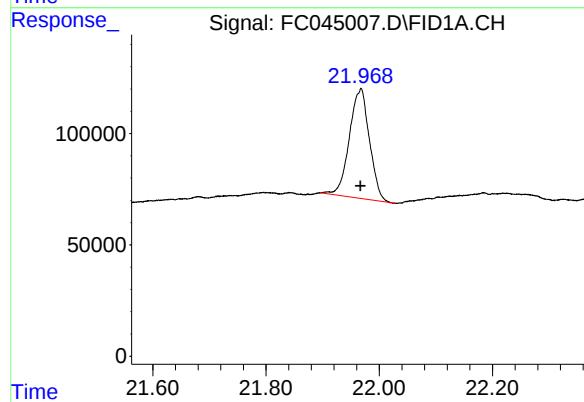
#20 n-Hexatriacontane (C36)

R.T.: 20.229 min
Delta R.T.: 0.000 min
Response: 1232667
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: 0.000 min
Response: 1338720
Conc: 24.90 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.001 min
Response: 1209153
Conc: 22.57 ug/ml