

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122120AL\
 Data File : FC051385.D
 Signal(s) : FID1A.CH
 Acq On : 21 Dec 2020 19:50
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 00:21:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:18:53 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)	11.568	539094	4.592 ug/ml
Spiked Amount 50.000		Recovery =	9.18%
12) S 1-chlorooctadecane (S...	13.005	404071	4.398 ug/ml
Spiked Amount 50.000		Recovery =	8.80%
Target Compounds			
1) T n-Nonane (C9)	3.329	439257	4.383 ug/ml
2) T n-Decane (C10)	4.396	431737	4.305 ug/ml
3) T A~Naphthalene (C11.7)	5.992	436808	4.119 ug/mlm
4) T n-Dodecane (C12)	6.414	452671	4.357 ug/ml
5) T A~2-methylnaphthalene...	7.052	430161	4.049 ug/mlm
6) T n-Tetradecane (C14)	8.209	439987	4.250 ug/ml
7) T n-Hexadecane (C16)	9.810	450237	4.400 ug/ml
8) T n-Octadecane (C18)	11.251	484016	4.461 ug/ml
10) T n-Eicosane (C20)	12.558	497859	4.548 ug/ml
11) T n-Heneicosane (C21)	13.170	495398	4.555 ug/ml
13) T n-Docosane (C22)	13.756	495214	4.578 ug/ml
14) T n-Tetracosane (C24)	14.858	493701	4.595 ug/ml
15) T n-Hexacosane (C26)	15.878	483067	4.597 ug/ml
16) T n-Octacosane (C28)	16.825	478842	4.641 ug/ml
17) T n-Tricontane (C30)	17.711	474193	4.792 ug/ml
18) T n-Dotriacontane (C32)	18.542	438134	4.808 ug/ml
19) T n-Tetratriacontane (C34)	19.324	405842	4.741 ug/ml
20) T n-Hexatriacontane (C36)	20.062	400930	4.622 ug/ml
21) T n-Octatriacontane (C38)	20.796	367289	4.817 ug/mlm
22) T n-Tetracontane (C40)	21.709	386492	4.913 ug/ml

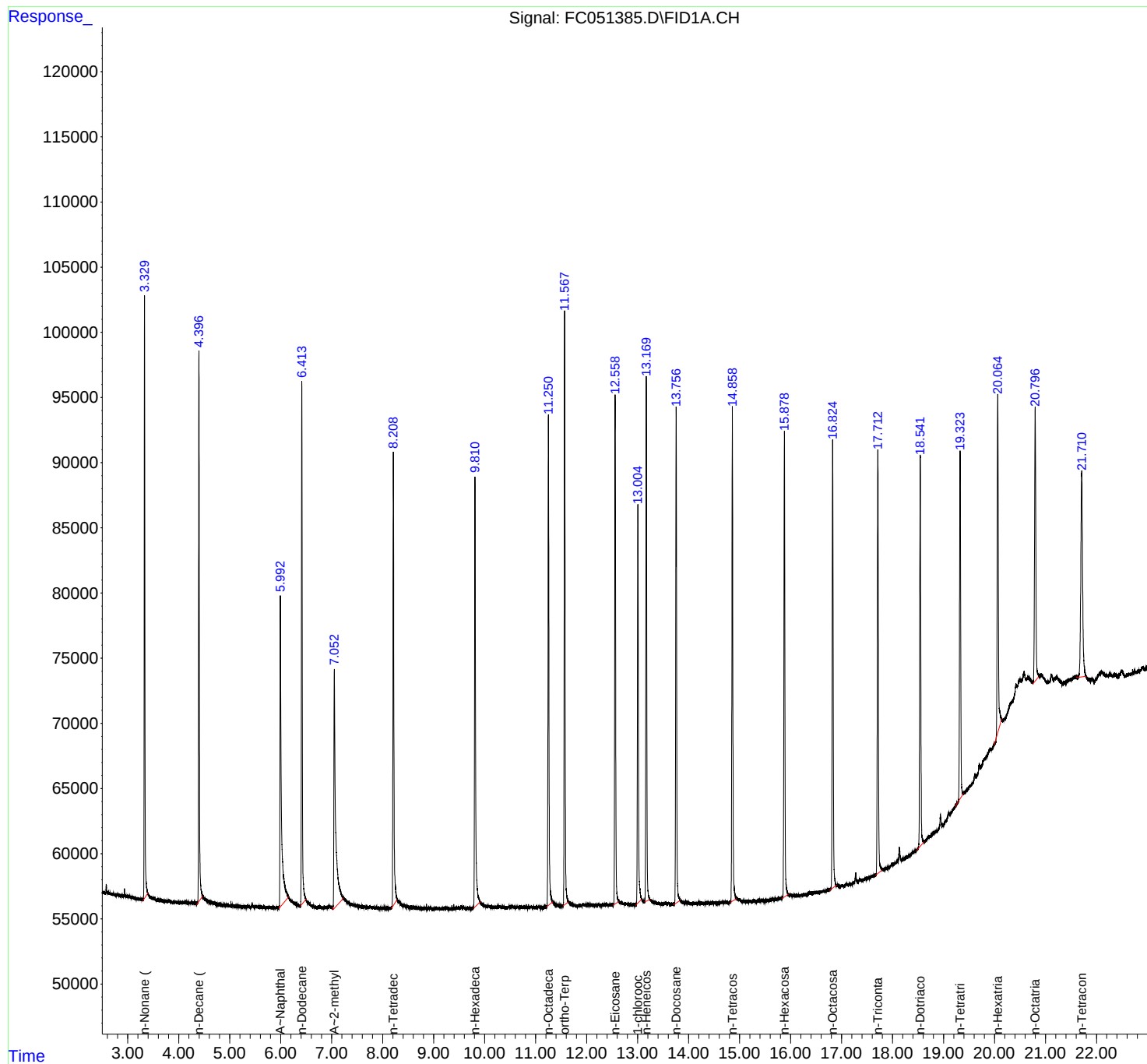
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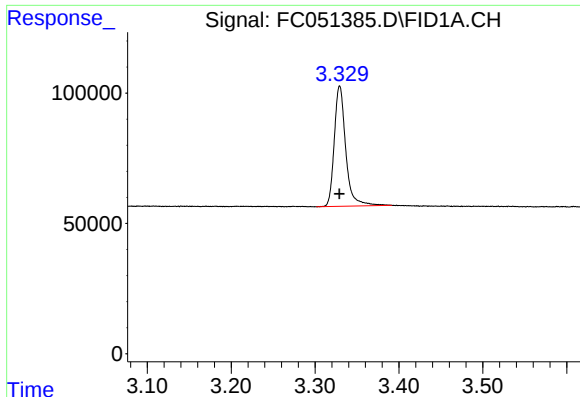
(m)=manual int.

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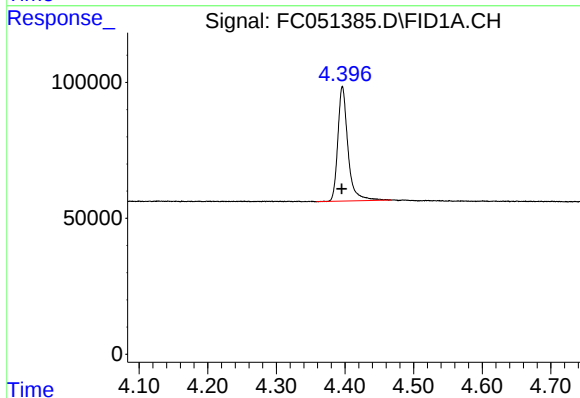
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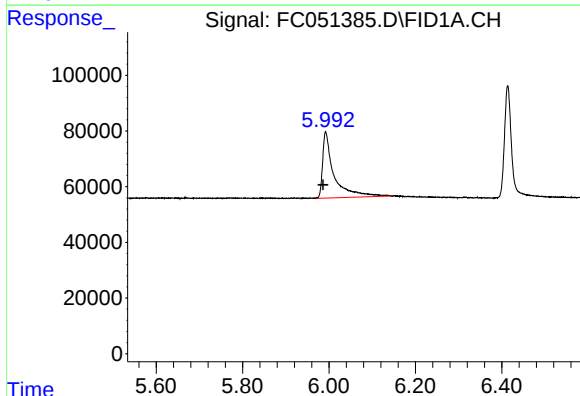
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 439257
Conc: 4.38 ug/ml



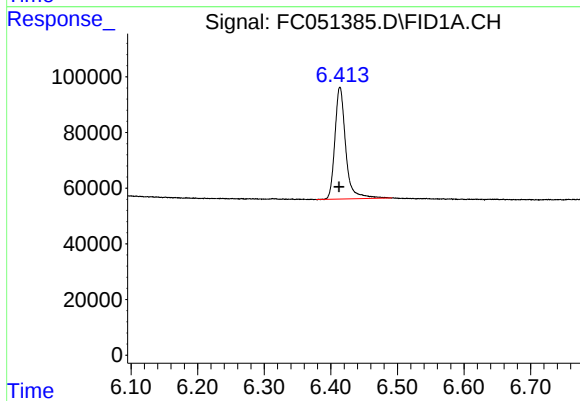
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.001 min
Response: 431737
Conc: 4.31 ug/ml



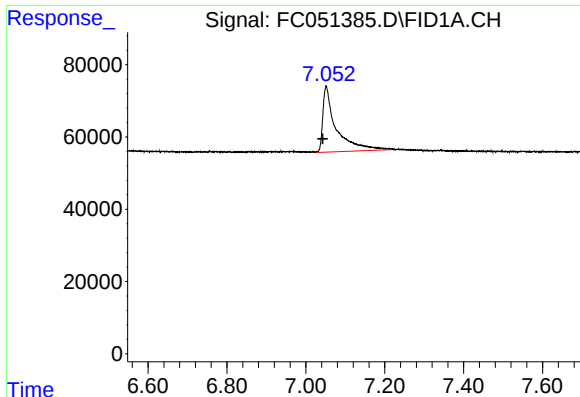
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: 0.005 min
Response: 436808
Conc: 4.12 ug/ml m



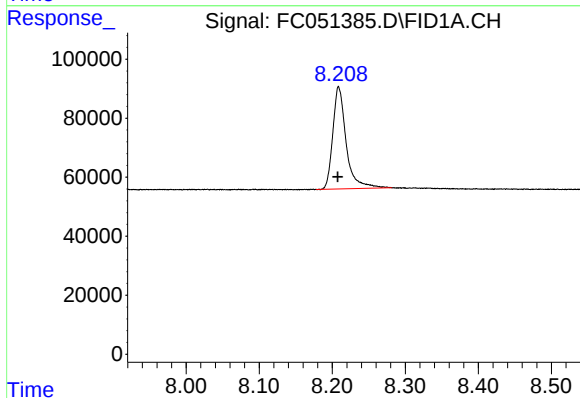
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: 0.001 min
Response: 452671
Conc: 4.36 ug/ml



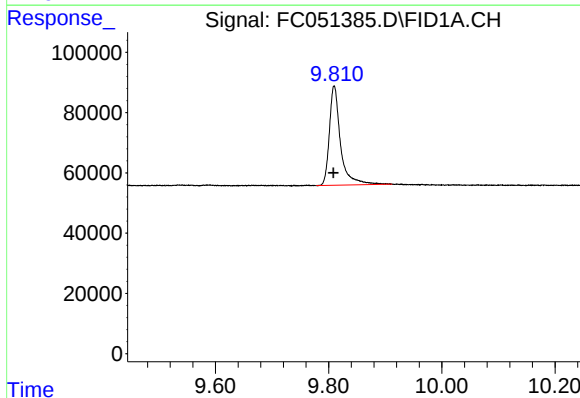
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: 0.009 min
Response: 430161
Conc: 4.05 ug/ml m



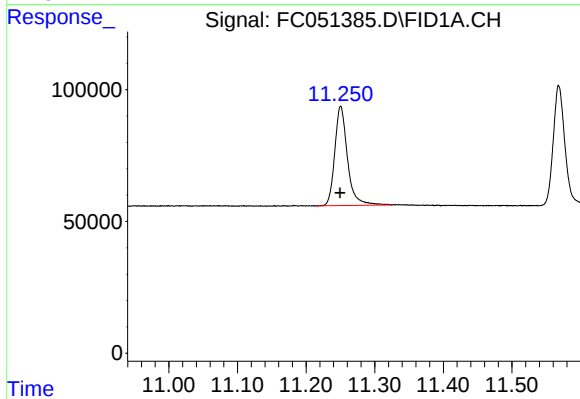
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: 0.001 min
Response: 439987
Conc: 4.25 ug/ml



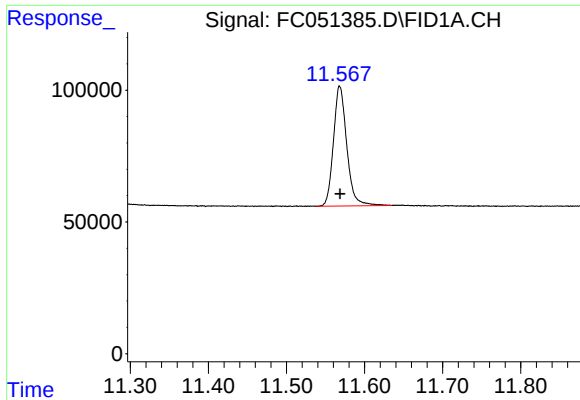
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: 0.001 min
Response: 450237
Conc: 4.40 ug/ml



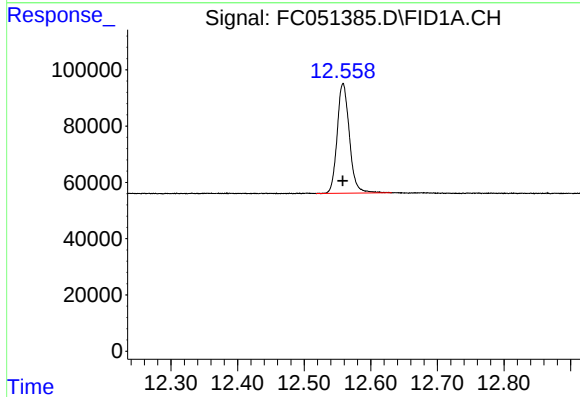
#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: 0.001 min
Response: 484016
Conc: 4.46 ug/ml



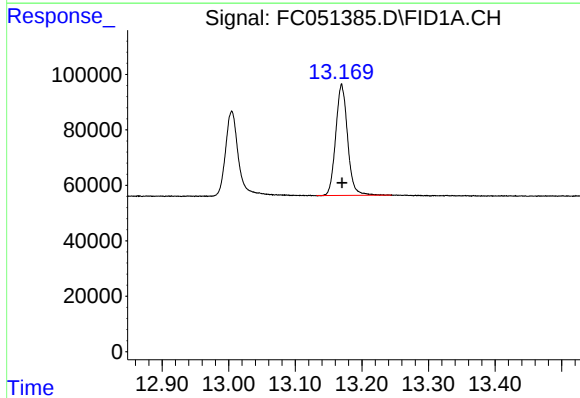
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 539094
Conc: 4.59 ug/ml



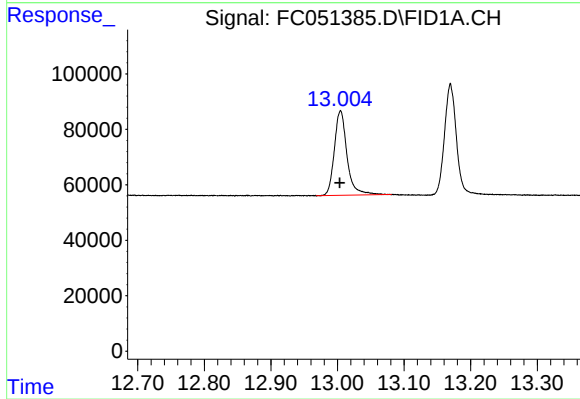
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 497859
Conc: 4.55 ug/ml



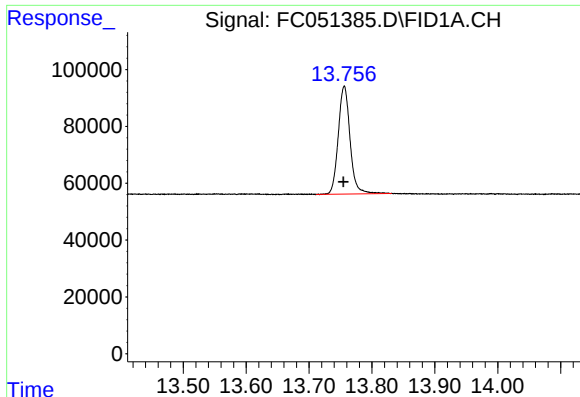
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 495398
Conc: 4.55 ug/ml



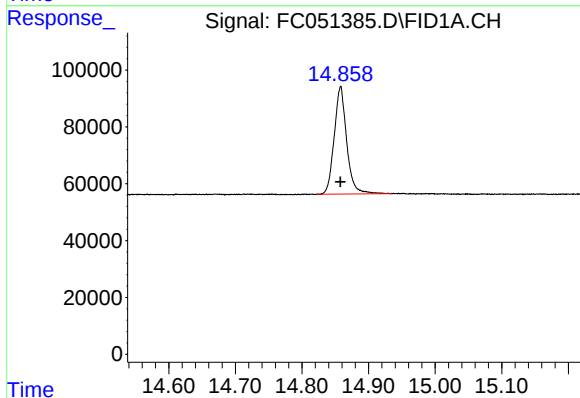
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: 0.001 min
Response: 404071
Conc: 4.40 ug/ml



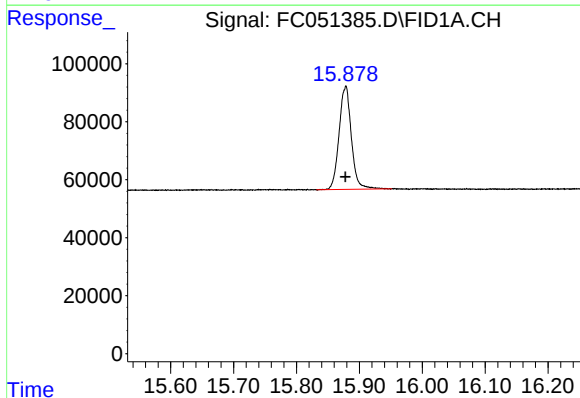
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: 0.001 min
Response: 495214
Conc: 4.58 ug/ml



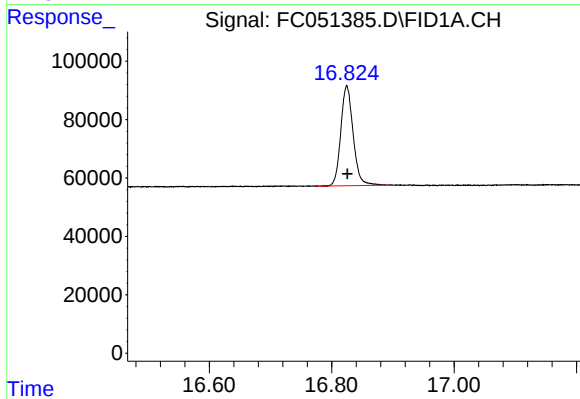
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 493701
Conc: 4.60 ug/ml



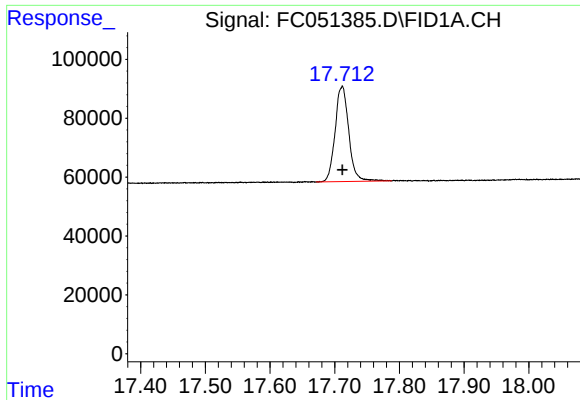
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.000 min
Response: 483067
Conc: 4.60 ug/ml



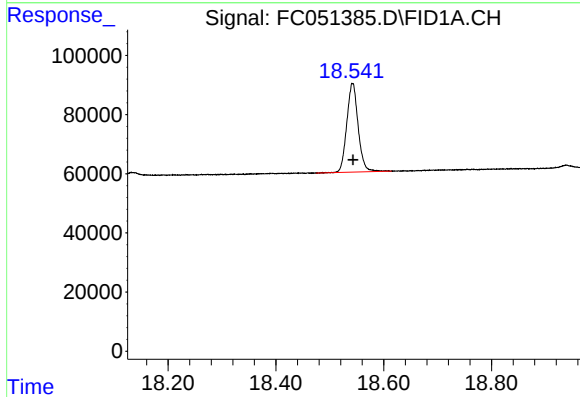
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: 0.000 min
Response: 478842
Conc: 4.64 ug/ml



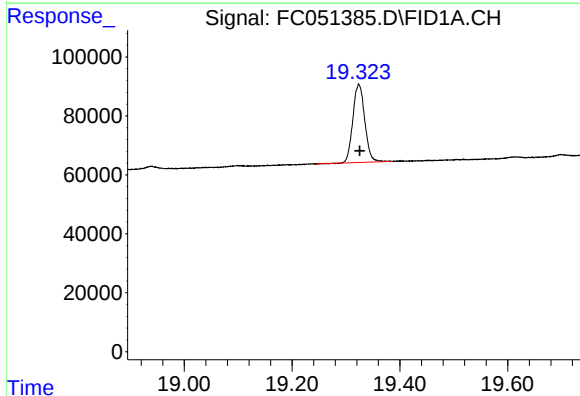
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.001 min
Response: 474193
Conc: 4.79 ug/ml



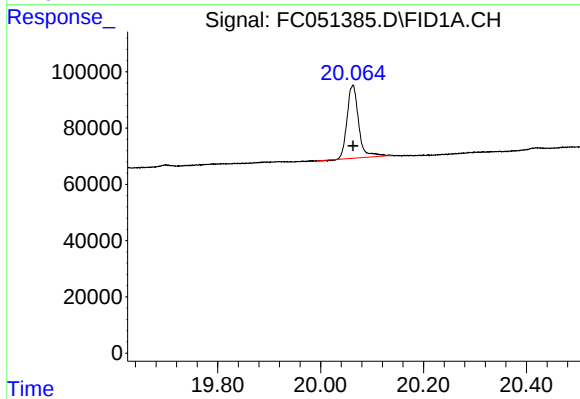
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.001 min
Response: 438134
Conc: 4.81 ug/ml



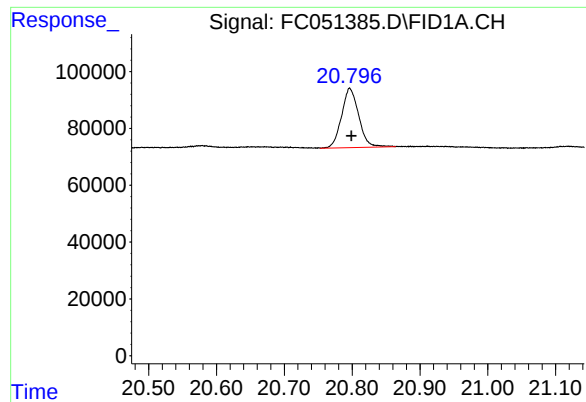
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.002 min
Response: 405842
Conc: 4.74 ug/ml



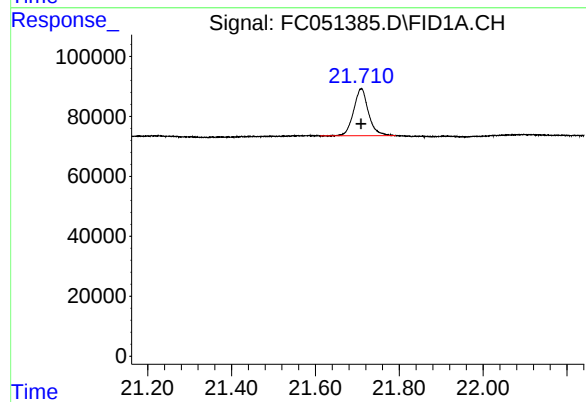
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: 0.000 min
Response: 400930
Conc: 4.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.003 min
Response: 367289
Conc: 4.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.000 min
Response: 386492
Conc: 4.91 ug/ml