

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031621AL\
 Data File : FC052453.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2021 13:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 01:47:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.604	2398859	18.190 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
12) S 1-chlorooctadecane (S...	13.041	1864319	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.349	2319891	19.681 ug/ml
2) T n-Decane (C10)	4.419	2339581	19.699 ug/ml
3) T A~Naphthalene (C11.7)	6.009	2609445	19.653 ug/ml
4) T n-Dodecane (C12)	6.442	2385291	19.731 ug/ml
5) T A~2-methylnaphthalene...	7.068	2653626	19.550 ug/ml
6) T n-Tetradecane (C14)	8.240	2379633	19.627 ug/ml
7) T n-Hexadecane (C16)	9.842	2320751	19.396 ug/ml
8) T n-Octadecane (C18)	11.286	2344001	18.936 ug/ml
10) T n-Eicosane (C20)	12.596	2266899	18.397 ug/ml
11) T n-Heneicosane (C21)	13.208	2200929	18.030 ug/ml
13) T n-Docosane (C22)	13.796	2146819	17.842 ug/ml
14) T n-Tetracosane (C24)	14.899	2067005	17.730 ug/ml
15) T n-Hexacosane (C26)	15.921	1953732	17.785 ug/ml
16) T n-Octacosane (C28)	16.872	1900398	18.540 ug/ml
17) T n-Tricontane (C30)	17.760	1868499	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.592	1824315	21.366 ug/ml
19) T n-Tetratriacontane (C34)	19.376	1774879	22.893 ug/ml
20) T n-Hexatriacontane (C36)	20.116	1741790	24.240 ug/mlm
21) T n-Octatriacontane (C38)	20.858	1667884	24.348 ug/ml
22) T n-Tetracontane (C40)	21.777	1758838	24.459 ug/ml

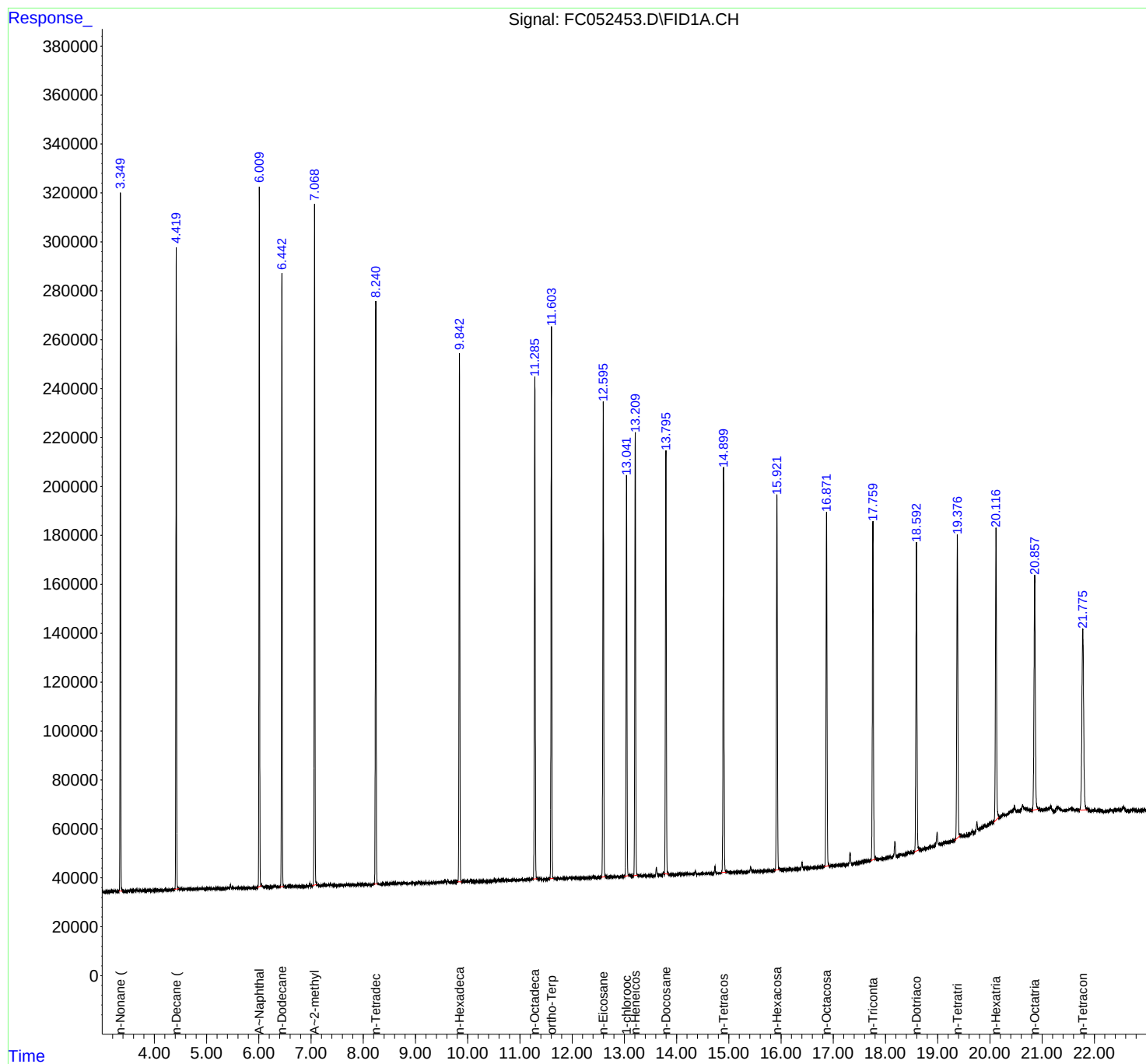
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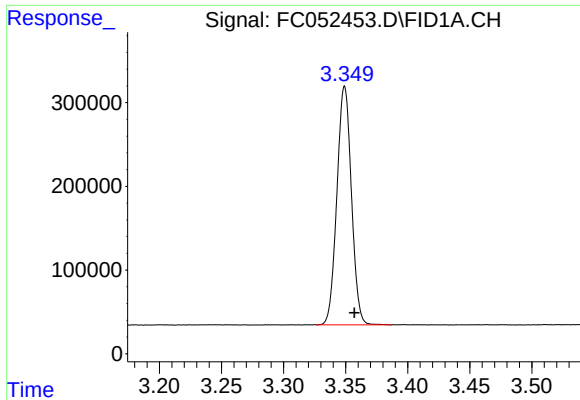
(m)=manual int.

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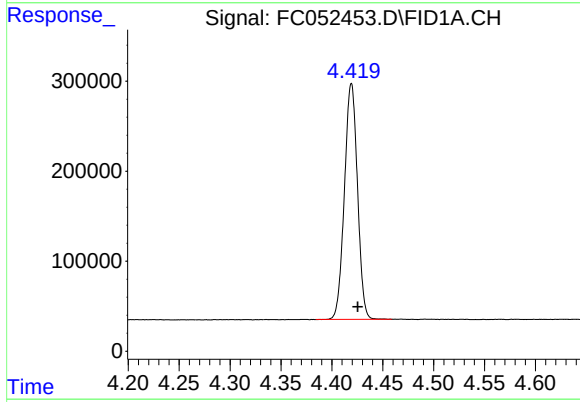
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Signal Info : 20M x 0.18mm x 0.18um





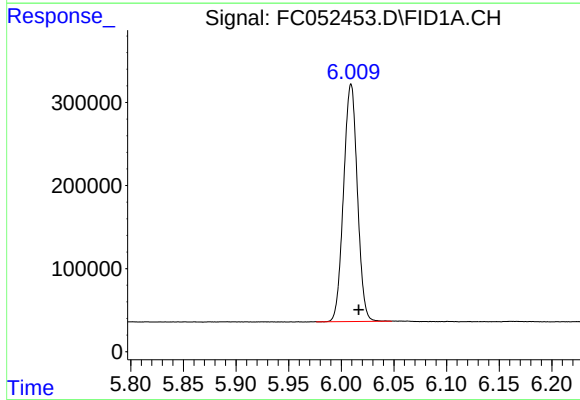
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.008 min
Response: 2319891
Conc: 19.68 ug/ml



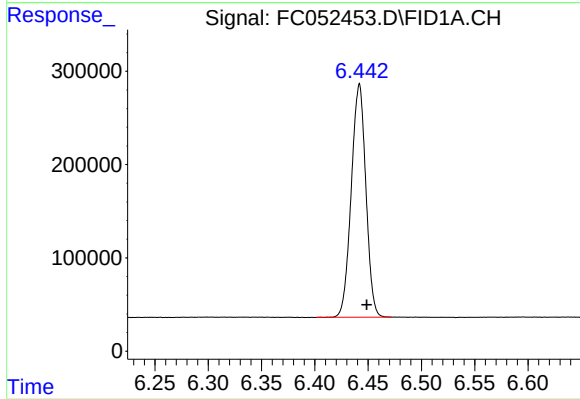
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.006 min
Response: 2339581
Conc: 19.70 ug/ml



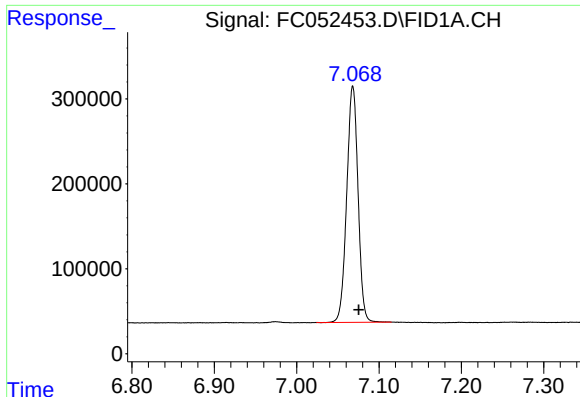
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 2609445
Conc: 19.65 ug/ml



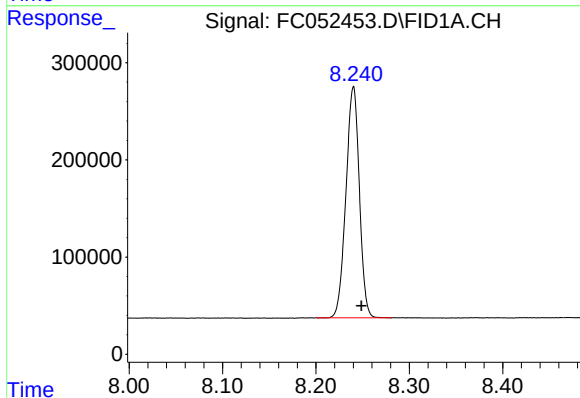
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.007 min
Response: 2385291
Conc: 19.73 ug/ml



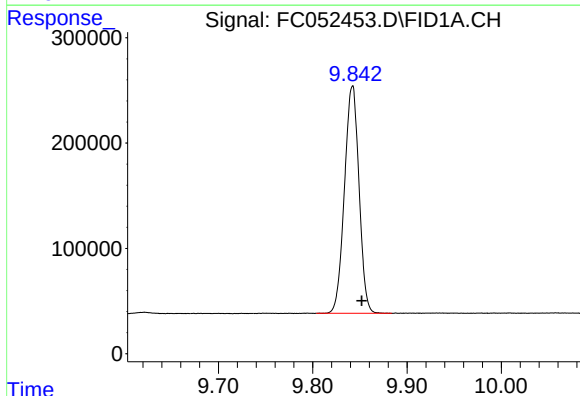
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.007 min
Response: 2653626
Conc: 19.55 ug/ml



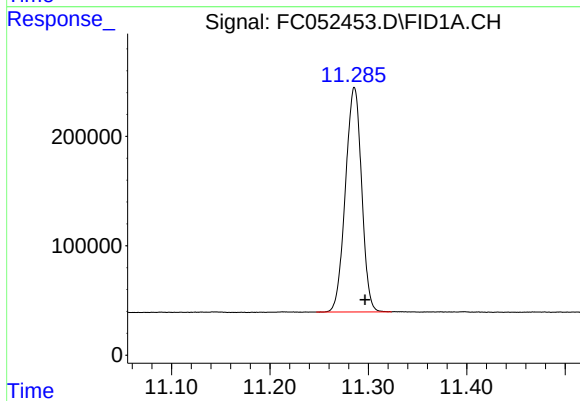
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.009 min
Response: 2379633
Conc: 19.63 ug/ml



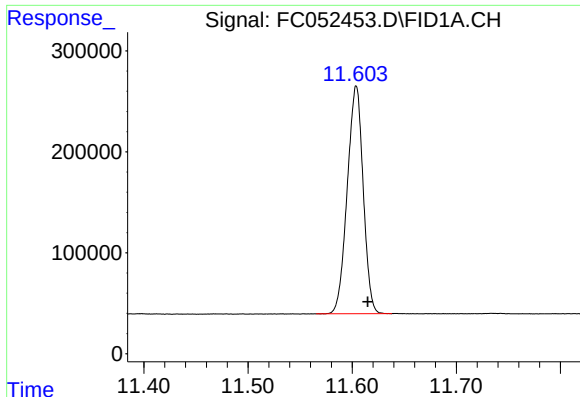
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.010 min
Response: 2320751
Conc: 19.40 ug/ml



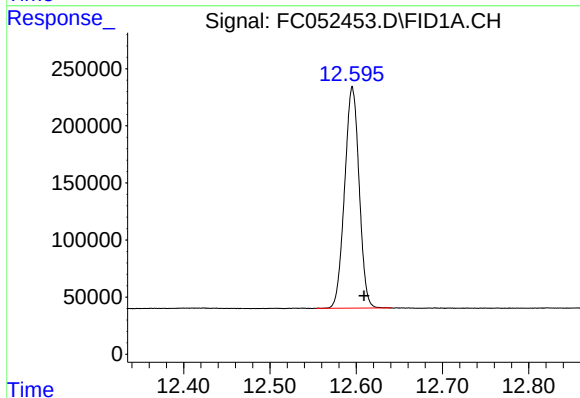
#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: -0.011 min
Response: 2344001
Conc: 18.94 ug/ml



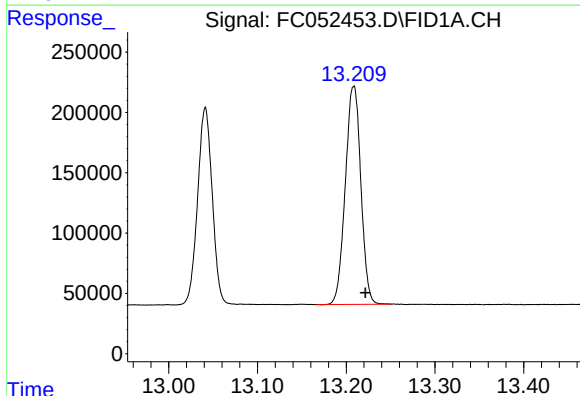
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.011 min
Response: 2398859
Conc: 18.19 ug/ml



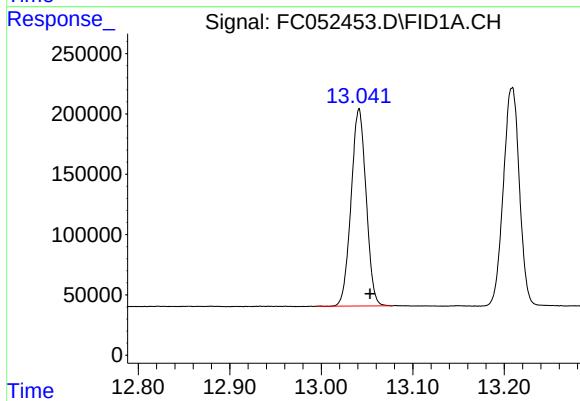
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.014 min
Response: 2266899
Conc: 18.40 ug/ml



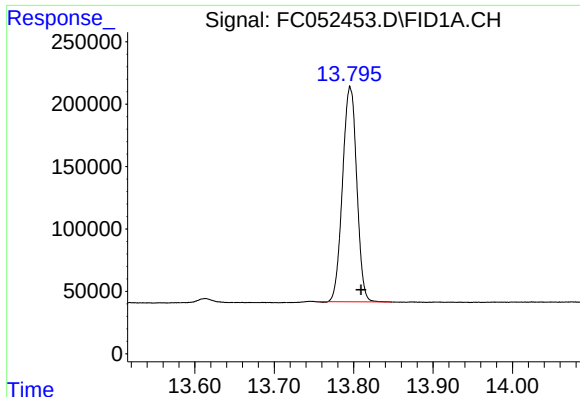
#11 n-Heneicosane (C21)

R.T.: 13.208 min
Delta R.T.: -0.013 min
Response: 2200929
Conc: 18.03 ug/ml



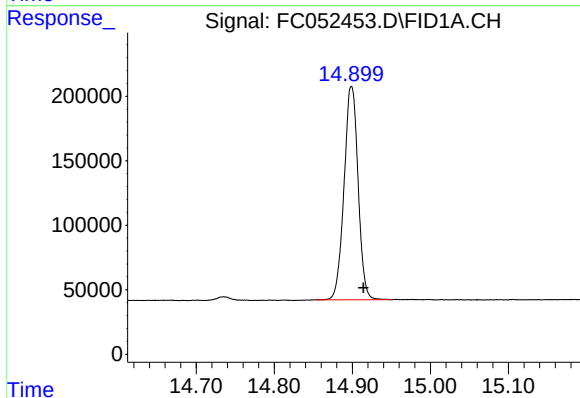
#12 1-chlorooctadecane (SURR)

R.T.: 13.041 min
Delta R.T.: -0.012 min
Response: 1864319
Conc: 17.93 ug/ml



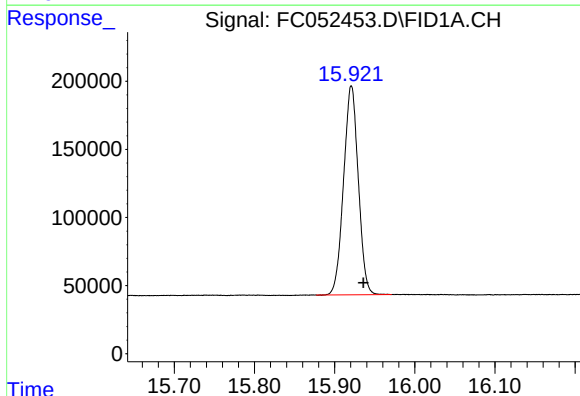
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.014 min
Response: 2146819
Conc: 17.84 ug/ml



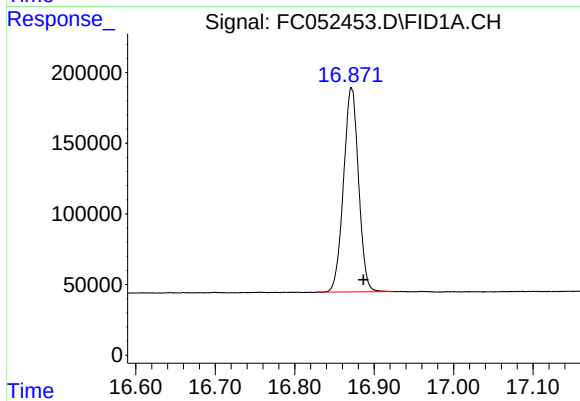
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: -0.015 min
Response: 2067005
Conc: 17.73 ug/ml



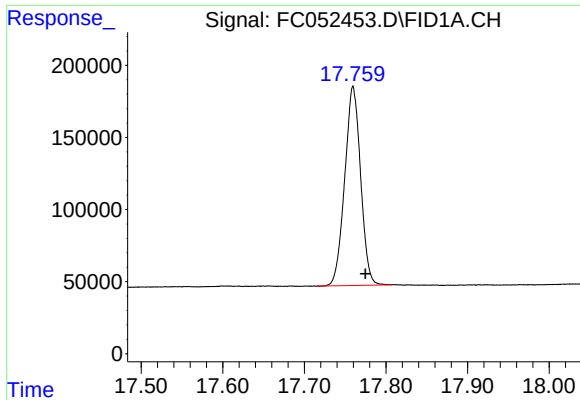
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.015 min
Response: 1953732
Conc: 17.79 ug/ml



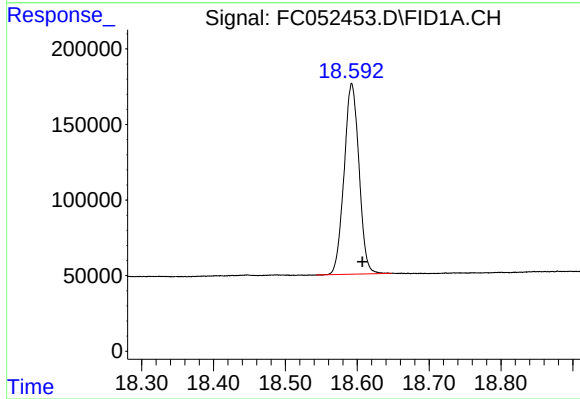
#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.015 min
Response: 1900398
Conc: 18.54 ug/ml



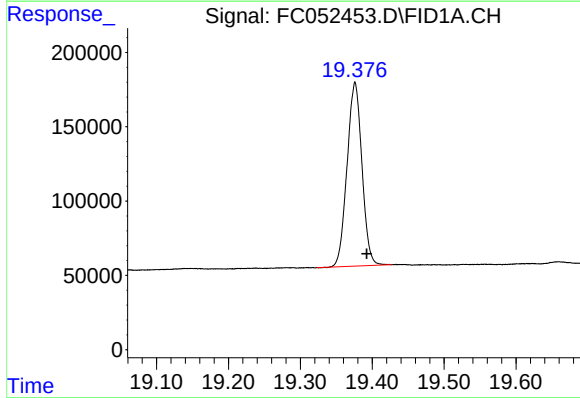
#17 n-Tricontane (C30)

R.T.: 17.760 min
Delta R.T.: -0.015 min
Response: 1868499
Conc: 19.85 ug/ml



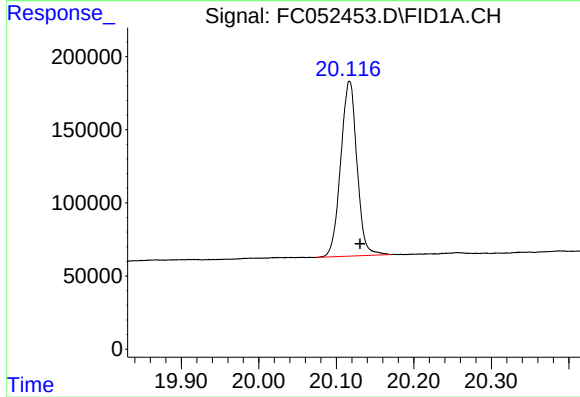
#18 n-Dotriacontane (C32)

R.T.: 18.592 min
Delta R.T.: -0.015 min
Response: 1824315
Conc: 21.37 ug/ml



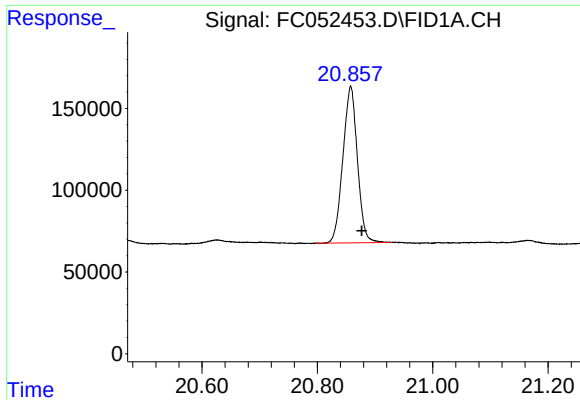
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: -0.016 min
Response: 1774879
Conc: 22.89 ug/ml



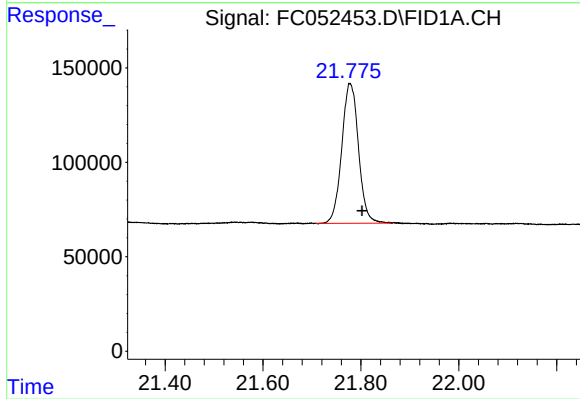
#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.015 min
Response: 1741790
Conc: 24.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: -0.019 min
Response: 1667884
Conc: 24.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.777 min
Delta R.T.: -0.025 min
Response: 1758838
Conc: 24.46 ug/ml