

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102820AL\
 Data File : FC050381.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2020 11:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 02:32:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.627	2012928	17.958 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.060	1549748	17.890 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.372	1982147	20.002 ug/ml
2) T n-Decane (C10)	4.443	1989328	19.981 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2137444	19.393 ug/ml
4) T n-Dodecane (C12)	6.465	1998135	19.803 ug/ml
5) T A~2-methylnaphthalene...	7.096	2131006	19.146 ug/ml
6) T n-Tetradecane (C14)	8.261	1954631	19.511 ug/ml
7) T n-Hexadecane (C16)	9.863	1883528	19.111 ug/ml
8) T n-Octadecane (C18)	11.305	1928836	18.677 ug/ml
10) T n-Eicosane (C20)	12.614	1894148	18.203 ug/ml
11) T n-Heneicosane (C21)	13.227	1866351	17.960 ug/ml
13) T n-Docosane (C22)	13.811	1842397	17.749 ug/ml
14) T n-Tetracosane (C24)	14.914	1801333	17.342 ug/ml
15) T n-Hexacosane (C26)	15.935	1769891	17.176 ug/ml
16) T n-Octacosane (C28)	16.883	1763857	17.043 ug/ml
17) T n-Tricontane (C30)	17.770	1743208	17.082 ug/ml
18) T n-Dotriacontane (C32)	18.603	1673340	17.419 ug/mlm
19) T n-Tetratriacontane (C34)	19.384	1606844	17.518 ug/mlm
20) T n-Hexatriacontane (C36)	20.122	1552647	17.529 ug/mlm
21) T n-Octatriacontane (C38)	20.867	1521973	18.458 ug/ml
22) T n-Tetracontane (C40)	21.799	1506022	18.010 ug/mlm

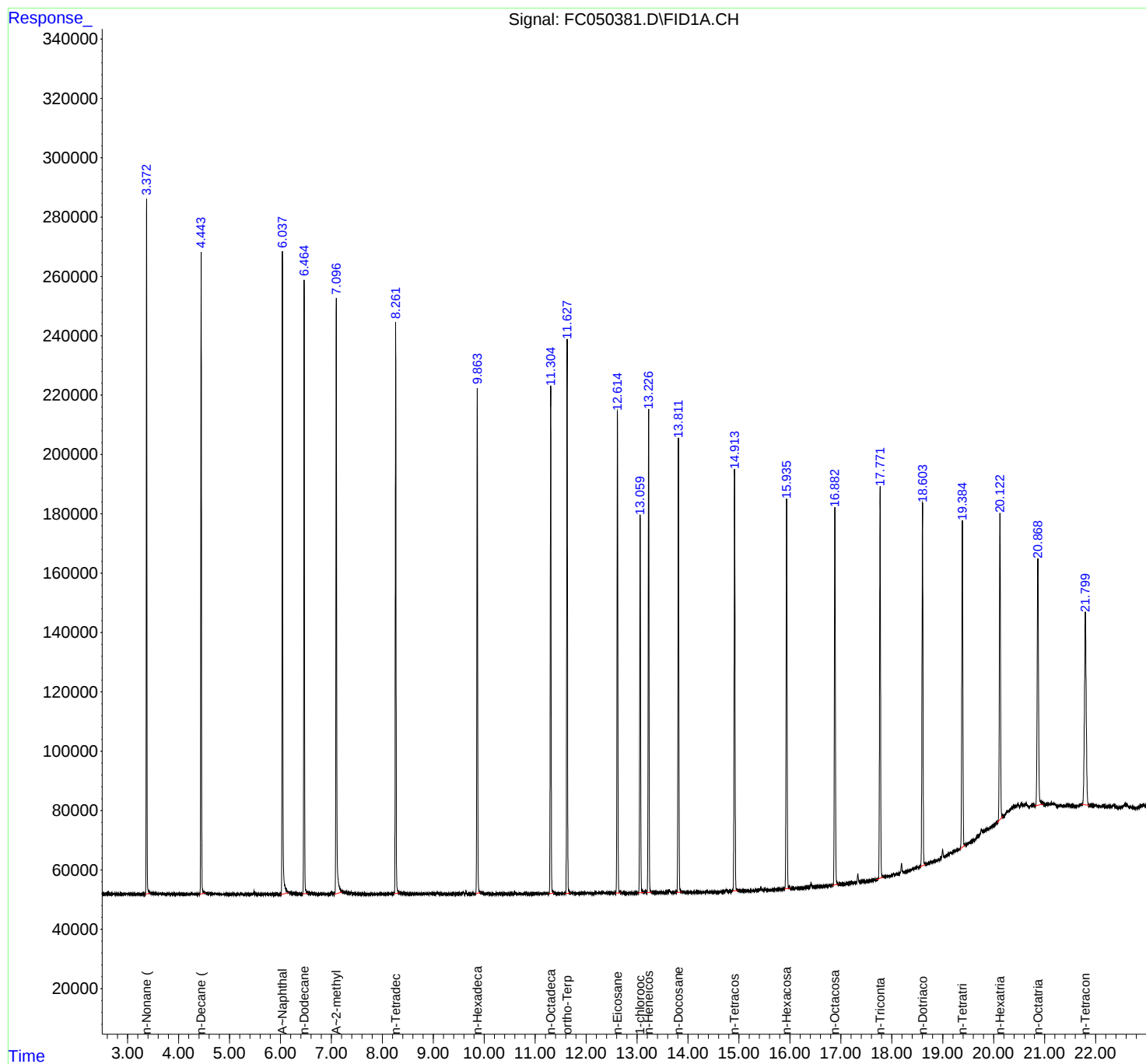
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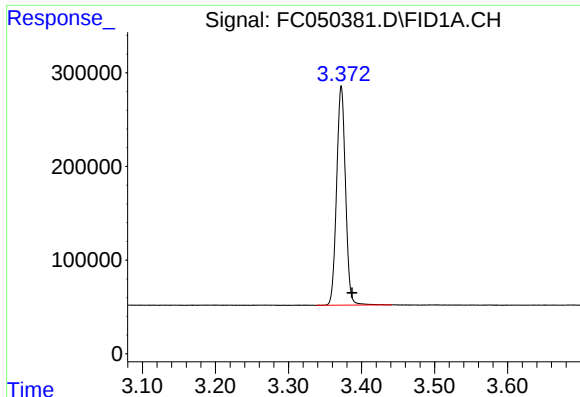
(m)=manual int.

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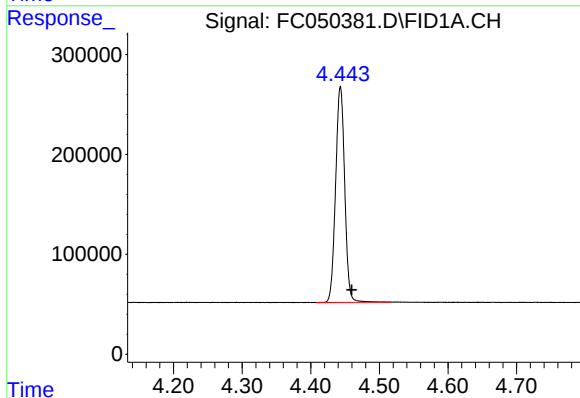
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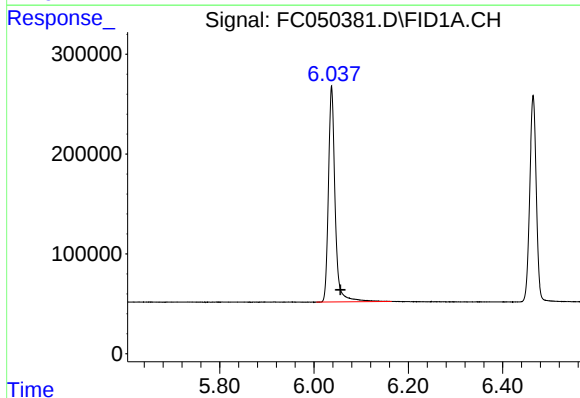
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.015 min
Response: 1982147
Conc: 20.00 ug/ml



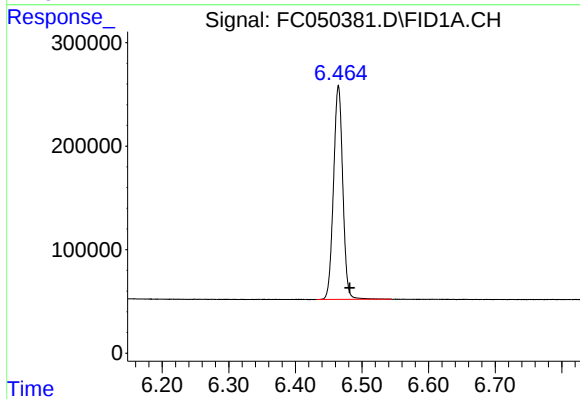
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.016 min
Response: 1989328
Conc: 19.98 ug/ml



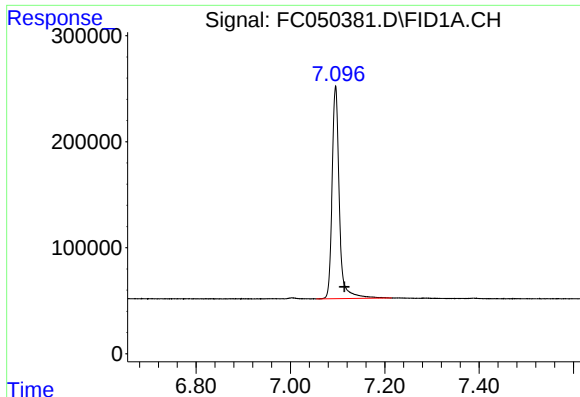
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.019 min
Response: 2137444
Conc: 19.39 ug/ml



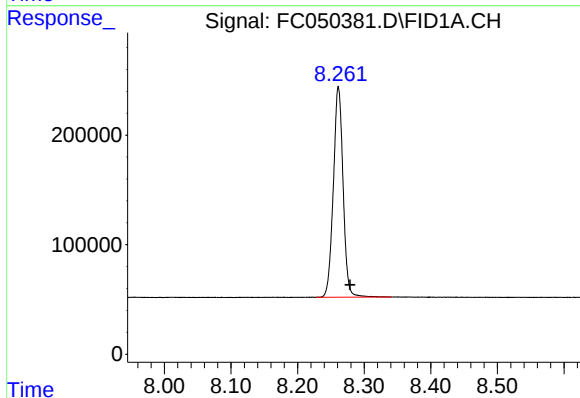
#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 1998135
Conc: 19.80 ug/ml



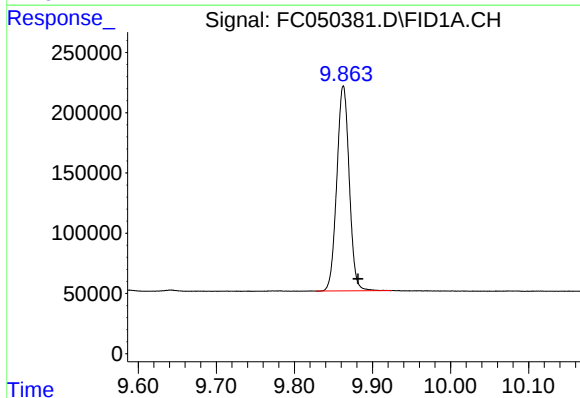
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.019 min
Response: 2131006
Conc: 19.15 ug/ml



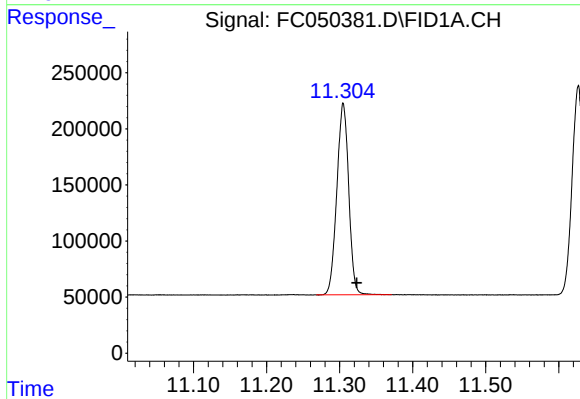
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 1954631
Conc: 19.51 ug/ml



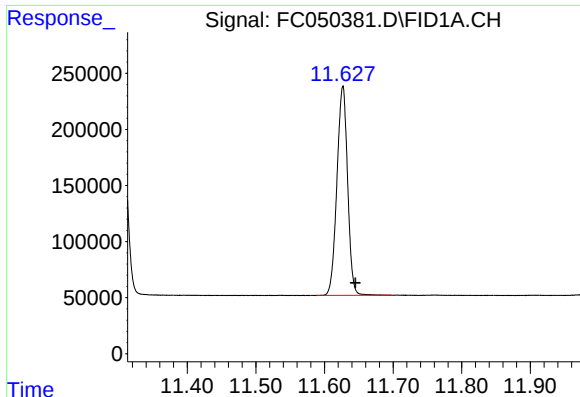
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.019 min
Response: 1883528
Conc: 19.11 ug/ml



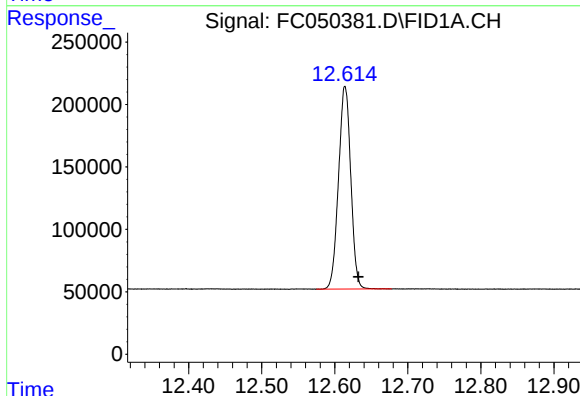
#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.018 min
Response: 1928836
Conc: 18.68 ug/ml



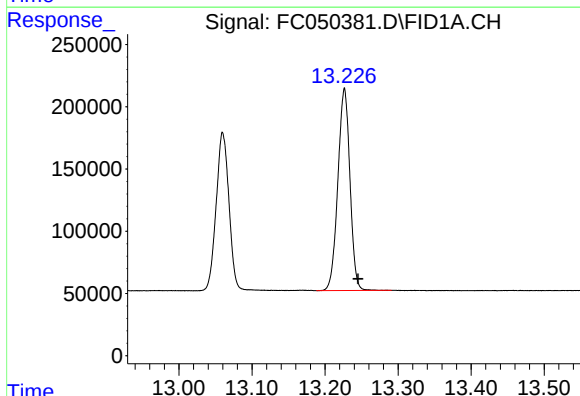
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.018 min
Response: 2012928
Conc: 17.96 ug/ml



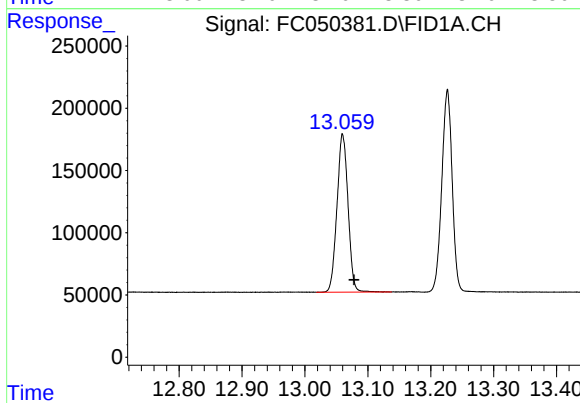
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.018 min
Response: 1894148
Conc: 18.20 ug/ml



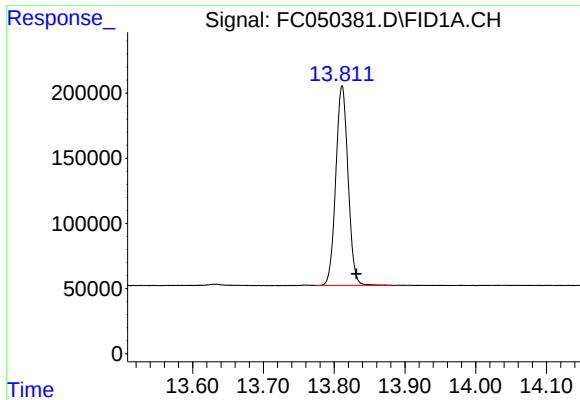
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: -0.019 min
Response: 1866351
Conc: 17.96 ug/ml



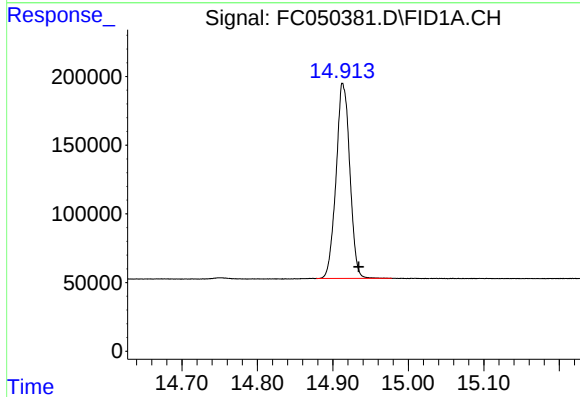
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.018 min
Response: 1549748
Conc: 17.89 ug/ml



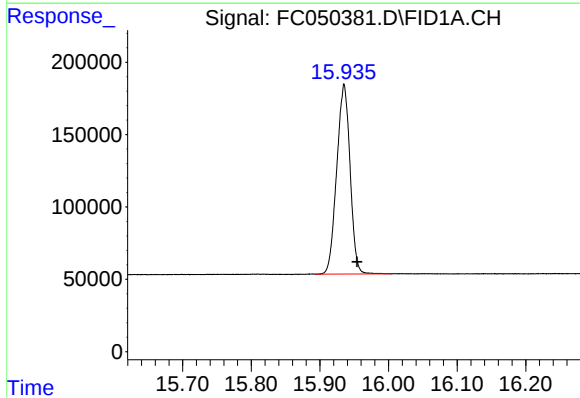
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.020 min
Response: 1842397
Conc: 17.75 ug/ml



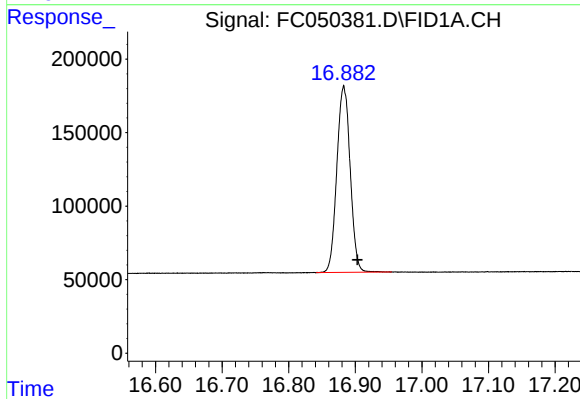
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: -0.021 min
Response: 1801333
Conc: 17.34 ug/ml



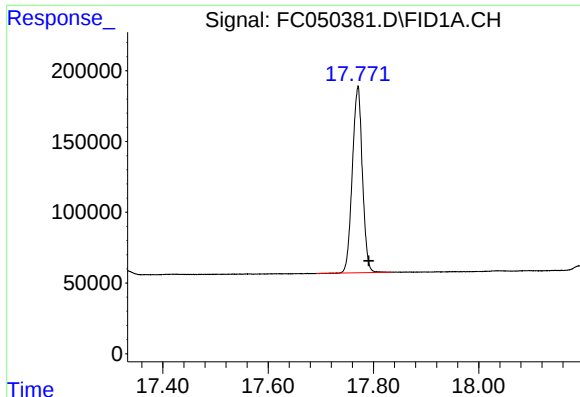
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.019 min
Response: 1769891
Conc: 17.18 ug/ml



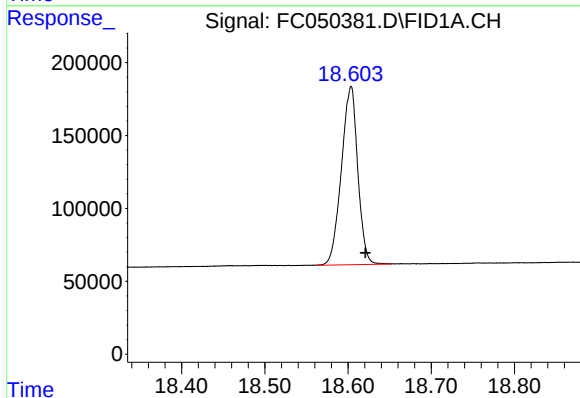
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.021 min
Response: 1763857
Conc: 17.04 ug/ml



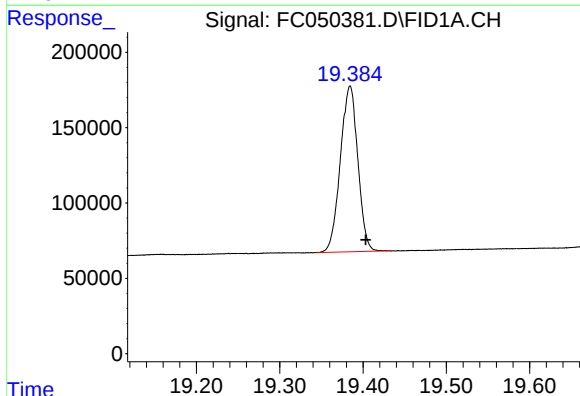
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.021 min
Response: 1743208
Conc: 17.08 ug/ml



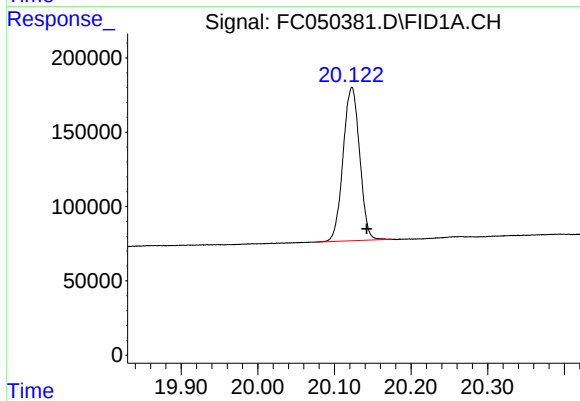
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.018 min
Response: 1673340
Conc: 17.42 ug/ml m



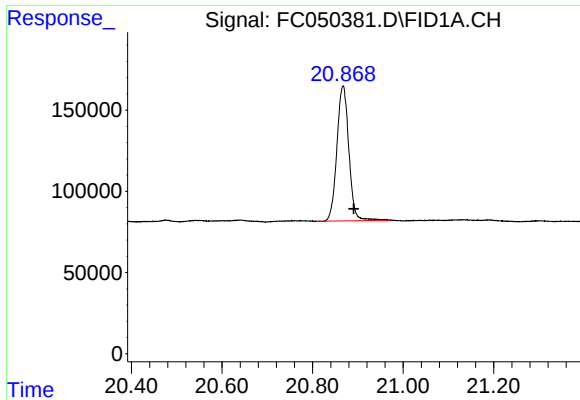
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.019 min
Response: 1606844
Conc: 17.52 ug/ml m



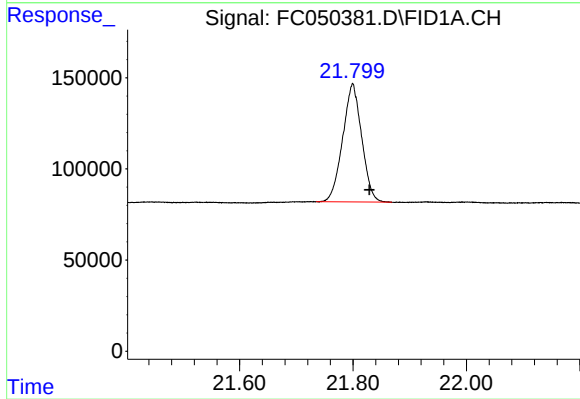
#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.020 min
Response: 1552647
Conc: 17.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.024 min
Response: 1521973
Conc: 18.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: -0.030 min
Response: 1506022
Conc: 18.01 ug/ml m