

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122320AL\
 Data File : FC051442.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2020 22:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 00:26:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.564	2390486	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.998	1851133	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.327	2124438	21.533 ug/ml
2) T n-Decane (C10)	4.394	2157403	21.818 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2281408	21.814 ug/ml
4) T n-Dodecane (C12)	6.411	2223977	21.755 ug/ml
5) T A~2-methylnaphthalene...	7.041	2284478	21.748 ug/ml
6) T n-Tetradecane (C14)	8.205	2196085	21.649 ug/ml
7) T n-Hexadecane (C16)	9.805	2143619	21.284 ug/ml
8) T n-Octadecane (C18)	11.245	2244162	21.041 ug/ml
10) T n-Eicosane (C20)	12.553	2226676	20.677 ug/ml
11) T n-Heneicosane (C21)	13.164	2194118	20.455 ug/ml
13) T n-Docosane (C22)	13.750	2164607	20.269 ug/ml
14) T n-Tetracosane (C24)	14.851	2141858	20.236 ug/ml
15) T n-Hexacosane (C26)	15.870	2055031	19.841 ug/ml
16) T n-Octacosane (C28)	16.817	2016322	19.804 ug/ml
17) T n-Tricontane (C30)	17.703	1952464	19.826 ug/ml
18) T n-Dotriacontane (C32)	18.534	1839430	20.303 ug/mlm
19) T n-Tetratriacontane (C34)	19.316	1742871	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.053	1701055	20.061 ug/ml
21) T n-Octatriacontane (C38)	20.785	1627967	21.264 ug/ml
22) T n-Tetracontane (C40)	21.691	1683010	21.282 ug/mlm

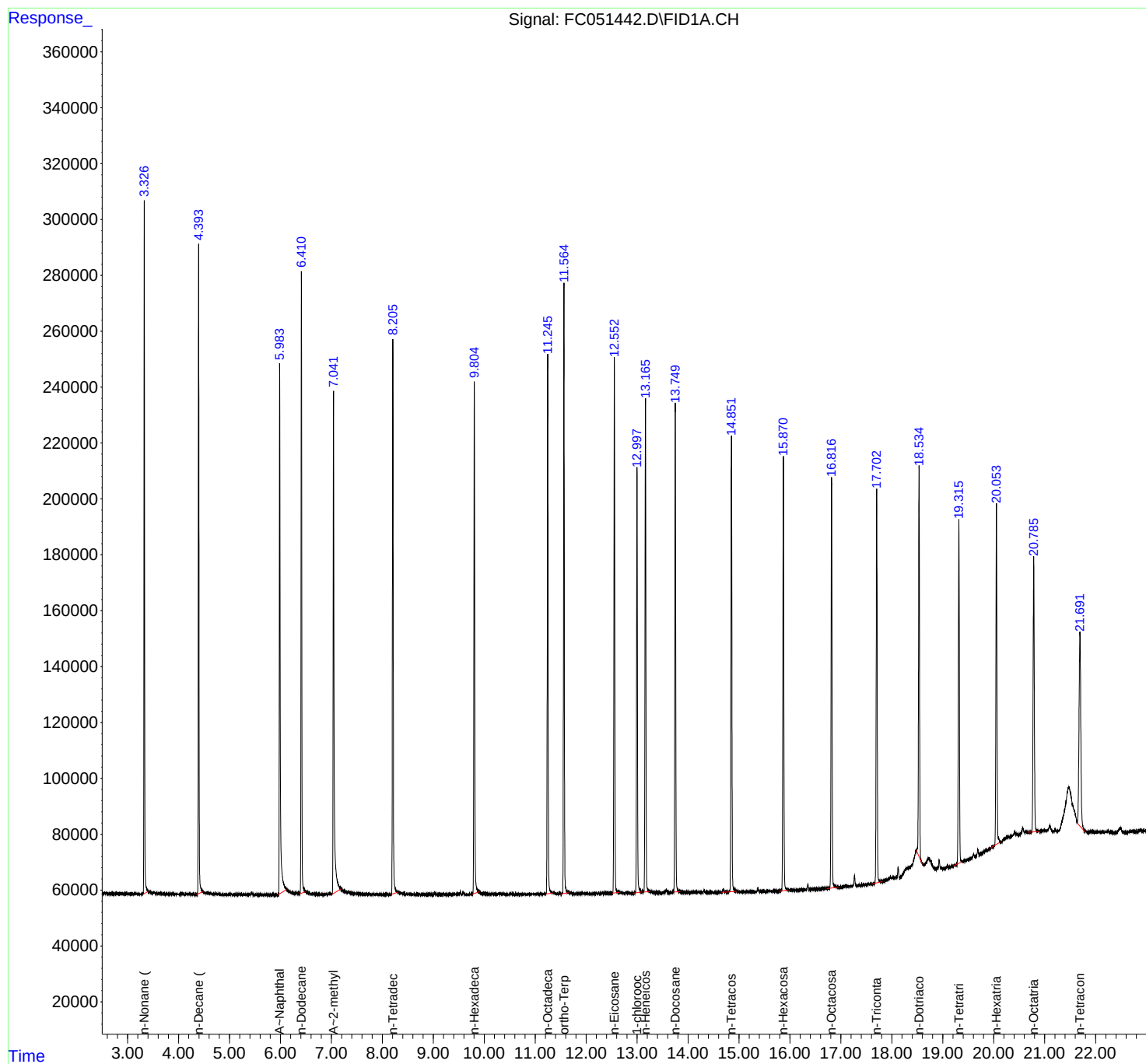
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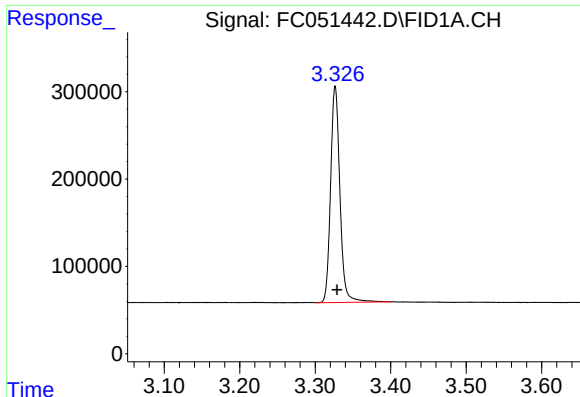
(m)=manual int.

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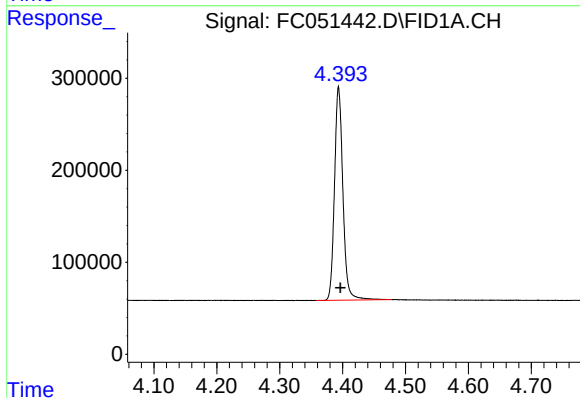
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





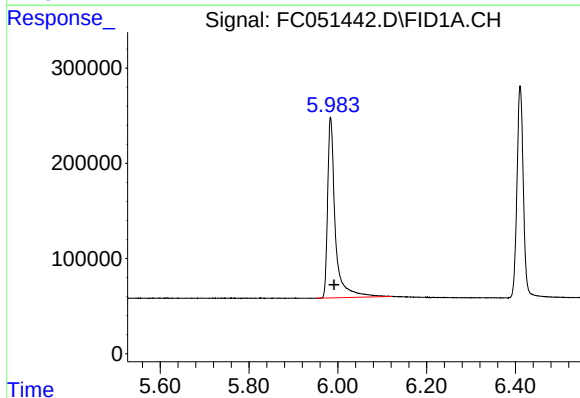
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2124438
Conc: 21.53 ug/ml



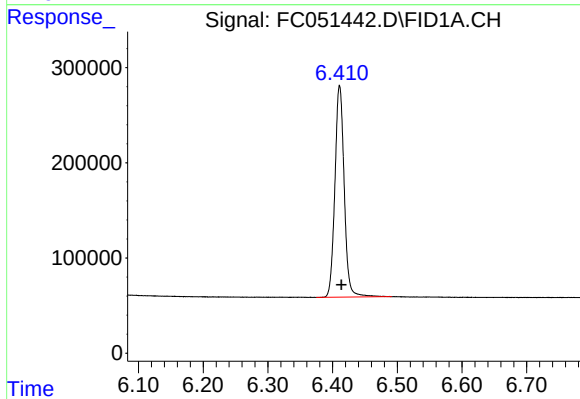
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 2157403
Conc: 21.82 ug/ml



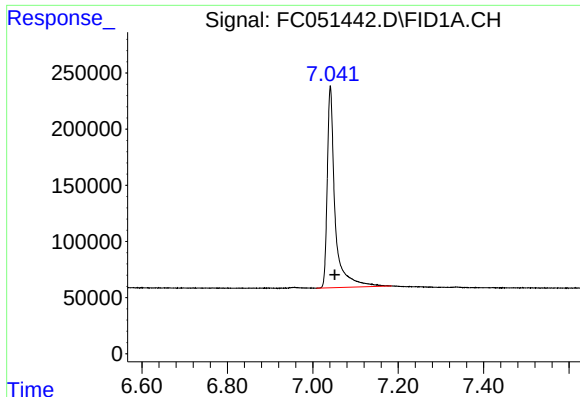
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 2281408
Conc: 21.81 ug/ml



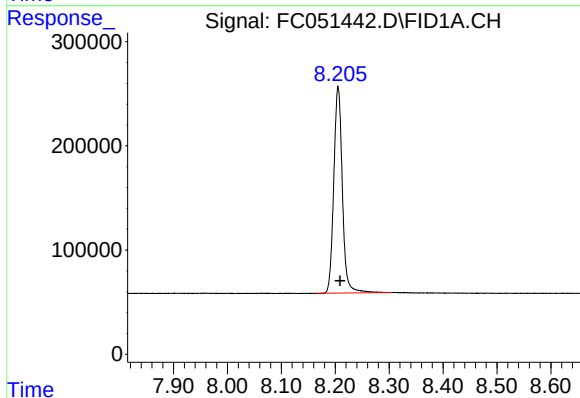
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2223977
Conc: 21.75 ug/ml



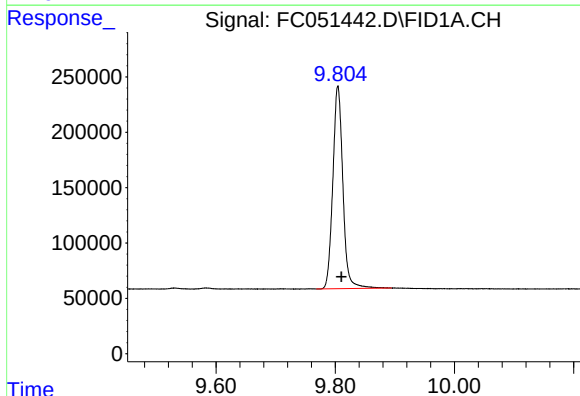
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.010 min
Response: 2284478
Conc: 21.75 ug/ml



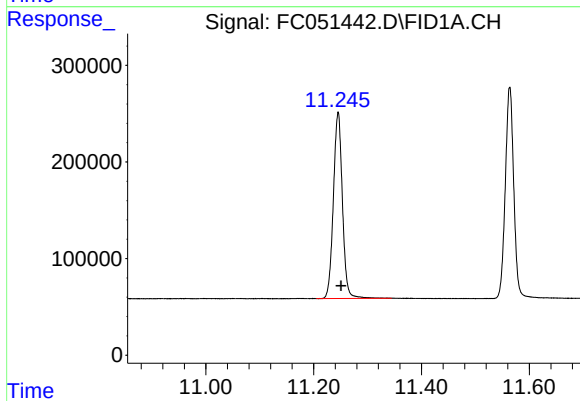
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 2196085
Conc: 21.65 ug/ml



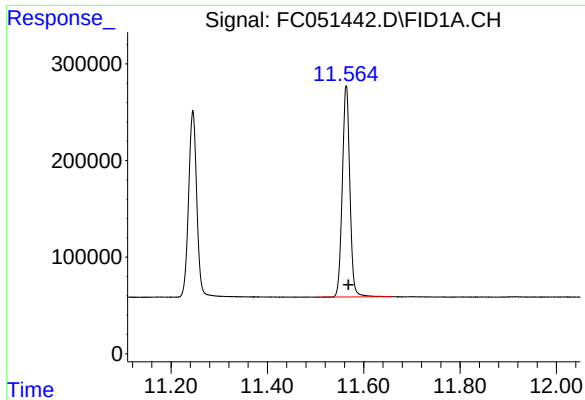
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.005 min
Response: 2143619
Conc: 21.28 ug/ml



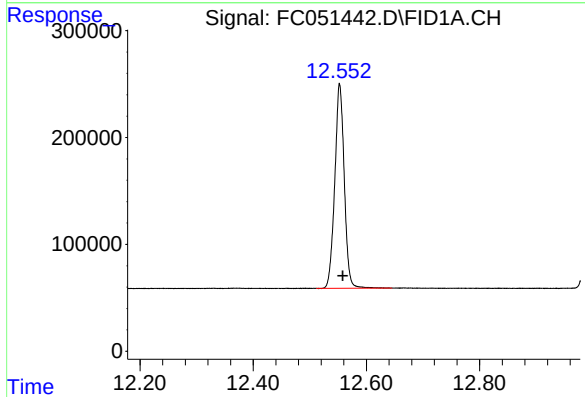
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.005 min
Response: 2244162
Conc: 21.04 ug/ml



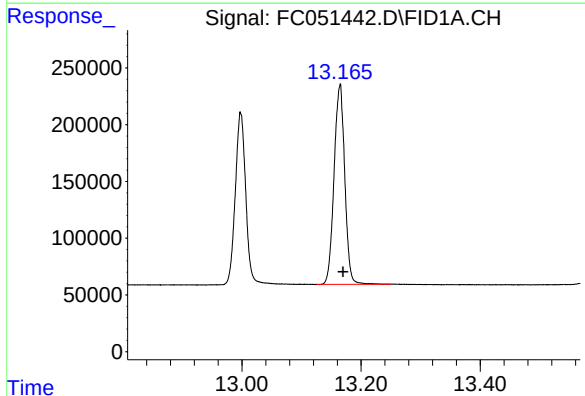
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.005 min
Response: 2390486
Conc: 20.63 ug/ml



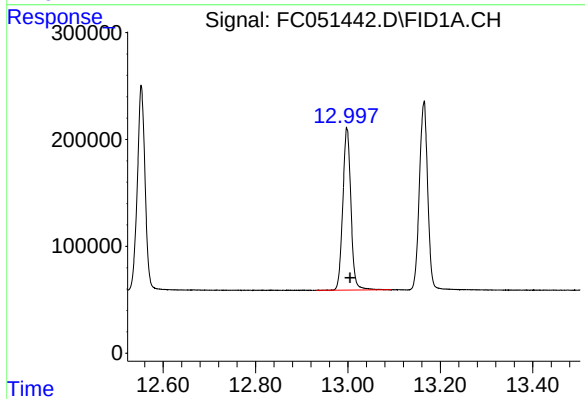
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 2226676
Conc: 20.68 ug/ml



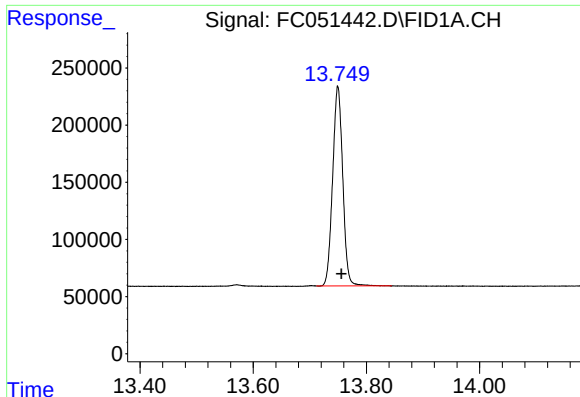
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.006 min
Response: 2194118
Conc: 20.46 ug/ml



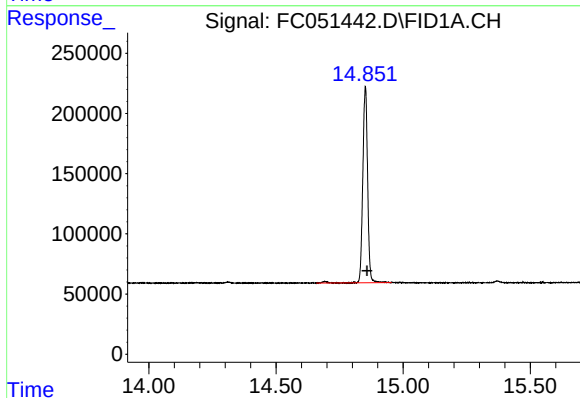
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.007 min
Response: 1851133
Conc: 20.52 ug/ml



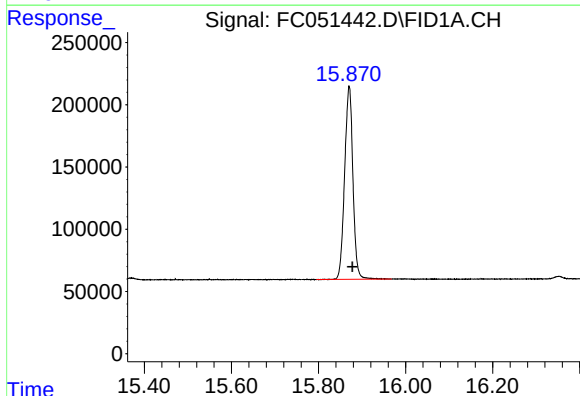
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.006 min
Response: 2164607
Conc: 20.27 ug/ml



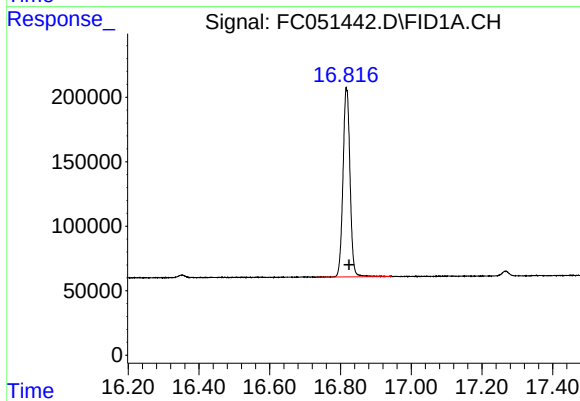
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.007 min
Response: 2141858
Conc: 20.24 ug/ml



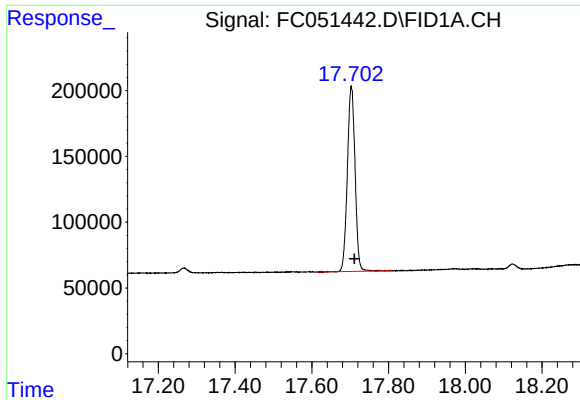
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.008 min
Response: 2055031
Conc: 19.84 ug/ml



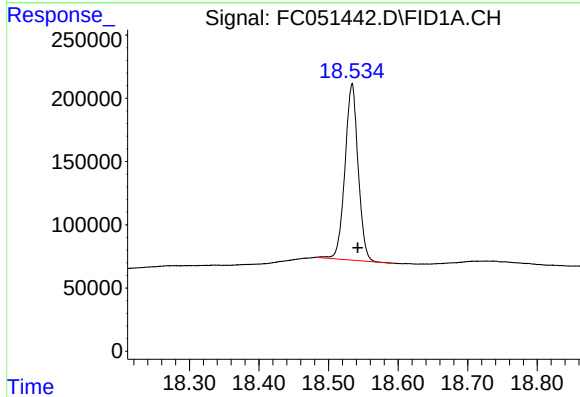
#16 n-Octacosane (C28)

R.T.: 16.817 min
Delta R.T.: -0.007 min
Response: 2016322
Conc: 19.80 ug/ml



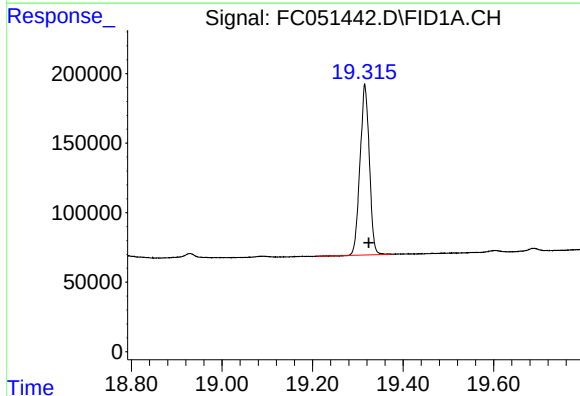
#17 n-Tricontane (C30)

R.T.: 17.703 min
Delta R.T.: -0.008 min
Response: 1952464
Conc: 19.83 ug/ml



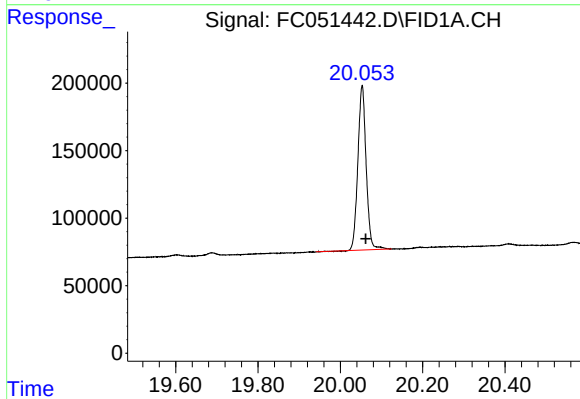
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.008 min
Response: 1839430
Conc: 20.30 ug/ml m



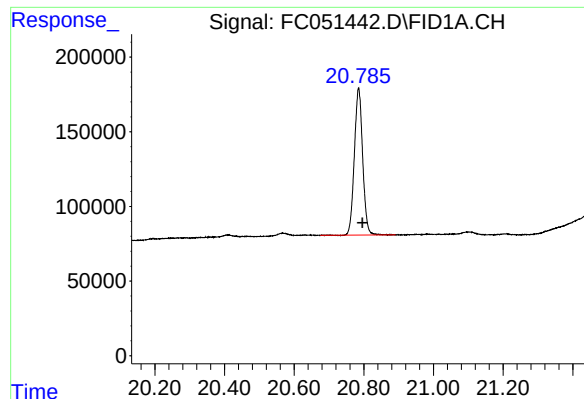
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.008 min
Response: 1742871
Conc: 20.51 ug/ml



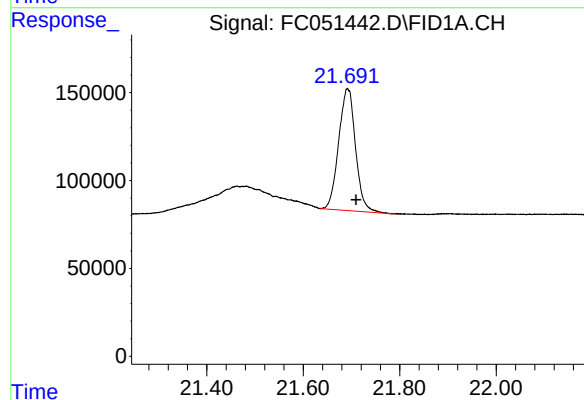
#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.009 min
Response: 1701055
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.011 min
Response: 1627967
Conc: 21.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.018 min
Response: 1683010
Conc: 21.28 ug/ml m